Laboratory Data Consultants, Inc.

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Anchor QEA, LLC
720 Olive Way, Suite 900
Seattle, WA 98101
ATTN: Ms. Cindy Fields

May 4, 2012

SUBJECT: Jorgensen Forge Outfall Site, Data Validation

Dear Ms. Fields,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on April 18, 2012. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 27475:

SDG #	**Fraction**
UO31	Volatiles, Semivolatiles, Polychlorinated Biphenyls, Metals
UO71/UO76	
UO77	

The data validation was performed under EPA Level III guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008
- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January 2010
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; Update IV, February 2007

Please feel free to contact us if you have any questions.

Sincerely,

Ming Hwa-Hwang
Project Manager/Senior Chemist

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Attachment 1

EDD	LDC #27475 (Anchor Environmental-Seattle WA /Jorgensen Forge Outfall Site)																																						
LDC	SDG#	DATE REC'D	(3) DATE DUE	VOA (8260C)		SVOA (8270D)		PCBs (8082)		Metals (SW846)																													
Matrix:	Water/Soil			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	UO31	04/18/12	05/09/12	0	6	-	-	0	18	-	-																												
B	UO71/UO76	04/18/12	05/09/12	0	6	0	6	0	33	0	7																												
C	UO77	04/18/12	05/09/12	0	4	-	-	0	9	-	-																												
Total	T/MH			0	16	0	6	0	60	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89

Shaded cells indicate Level IV validation (all other cells are Level III validation). These sample counts do not include MS, MSD, or DUP's.

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 28, 2012
LDC Report Date:	May 3, 2012
Matrix:	Soil
Parameters:	Volatiles
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO31

Sample Identification

JF-DGP3-SO-15'
JF-DGP4-SO-17'
JF-DGP4-SO-26'
JF-DGP4-SO-21'
JF-DGP4-SO-31'
JF-DGP4-SO-33'

Introduction

This data review covers 6 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of the presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990 .

Average relative response factors (RRF) for all compounds were within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for all compounds.

The percent differences (%D) of the second source calibration standard were less than or equal to 30.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
3/28/12	Dichlorodifluoromethane Chloromethane	55.85 34.26	All samples in SDG OU31	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
MB-040312A	4/3/12	Methylene chloride Acetone	1.6 ug/Kg 4.2 ug/Kg	All samples in SDG OU31

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
JF-DGP3-SO-15'	Methylene chloride	3.0 ug/Kg	3.0U ug/Kg
JF-DGP4-SO-17'	Methylene chloride Acetone	2.1 ug/Kg 23 ug/Kg	2.1U ug/Kg 23U ug/Kg
JF-DGP4-SO-26'	Methylene chloride Acetone	2.7 ug/Kg 40 ug/Kg	2.7U ug/Kg 40U ug/Kg
JF-DGP4-SO-21'	Methylene chloride Acetone	2.5 ug/Kg 27 ug/Kg	2.5U ug/Kg 27U ug/Kg
JF-DGP4-SO-31'	Methylene chloride Acetone	3.3 ug/Kg 23 ug/Kg	3.3U ug/Kg 23U ug/Kg
JF-DGP4-SO-33'	Methylene chloride Acetone	3.6 ug/Kg 18 ug/Kg	3.6U ug/Kg 18U ug/Kg

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and RLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to calibration problems, data were qualified as estimated in six samples.

Due to method blank contamination problems, data were qualified as not detected in six samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Volatiles - Data Qualification Summary - SDG UO31

SDG	Sample	Compound	Flag	A or P	Reason
UO31	JF-DGP3-SO-15' JF-DGP4-SO-17' JF-DGP4-SO-26' JF-DGP4-SO-21' JF-DGP4-SO-31' JF-DGP4-SO-33'	Dichlorodifluoromethane Chloromethane	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Continuing calibration (ICV %D)

Jorgensen Forge Outfall Site
Volatiles - Laboratory Blank Data Qualification Summary - SDG UO31

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
UO31	JF-DGP3-SO-15'	Methylene chloride	3.0U ug/Kg	A
UO31	JF-DGP4-SO-17'	Methylene chloride Acetone	2.1U ug/Kg 23U ug/Kg	A
UO31	JF-DGP4-SO-26'	Methylene chloride Acetone	2.7U ug/Kg 40U ug/Kg	A
UO31	JF-DGP4-SO-21'	Methylene chloride Acetone	2.5U ug/Kg 27U ug/Kg	A
UO31	JF-DGP4-SO-31'	Methylene chloride Acetone	3.3U ug/Kg 23U ug/Kg	A
UO31	JF-DGP4-SO-33'	Methylene chloride Acetone	3.6U ug/Kg 18U ug/Kg	A

LDC #: 27475A1 **VALIDATION COMPLETENESS WORKSHEET** Date: 4/27/12
SDG #: ~~OU~~ 31 Level III Page: 1 of 1
Laboratory: Analytical Resources, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260~~B~~C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/28/12
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 20, r^2
IV.	Continuing calibration/ICV	A	ICV ≤ 30 CCV ≤ 20
V.	Blanks	SW	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCS/D
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/RL/LOQ/LODs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

SOIL

1	JF-DGP3-SO-15'	11	MB-040312A	21		31	
2	JF-DGP4-SO-17'	12		22		32	
3	JF-DGP4-SO-26'	13		23		33	
4	JF-DGP4-SO-21'	14		24		34	
5	JF-DGP4-SO-31'	15		25		35	
6	JF-DGP4-SO-33'	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene	BB. 1,1,2,2-Tetrachloroethane	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane	CC. Toluene	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform	EE. Ethylbenzene	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Iodomethane
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.1,1-Difluoroethane
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

LDC #: 27475A1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤~~25~~ 20%D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤~~25.0~~ 20%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	3/28/12	ICV0328	JJ	55.85		All	J/UJ/A
			A	34.26		↓	↓

CONCAL_8260B.1S

LDC #: 27475A1

VALIDATION FINDINGS WORKSHEET
Blanks

Page: 1 of 1
Reviewer: FT
2nd Reviewer: ✓

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a method blank associated with every sample in this SDG?
Y N N/A Was a method blank analyzed at least once every 12 hours for each matrix and concentration?
Y N N/A Was there contamination in the method blanks? If yes, please see the qualifications below.

Blank analysis date: 4/3/12
Conc. units: ug/kg Associated Samples: All

Compound	Blank ID	10 x	Sample Identification							
	MB-040312	2 Δ	1	2	3	4	5	6		
E	1.6	16	3.0/U	2.1/U	2.7/U	2.5/U	3.3/16U	3.6/U		
F	4.2	42	–	23/U	40/U	27/U	23/U	18/U		
CRQL										

Blank analysis date:
Conc. units: Associated Samples:

Compound	Blank ID	Sample Identification								
CRQL										

All results were qualified using the criteria stated below except those circled.

Note: Common contaminants such as Methylene chloride, Acetone, 2-Butanone, Carbon disulfide and TICs that were detected in samples within ten times the associated method blank concentration were qualified as not detected, "U". Other contaminants within five times the method blank concentration were also qualified as not detected, "U".

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Jorgensen Forge Outfall Site

Collection Date: March 28, 2012

LDC Report Date: May 1, 2012

Matrix: Soil

Parameters: Polychlorinated Biphenyls

Validation Level: EPA Level III

Laboratory: Analytical Resources, Inc.

Sample Delivery Group (SDG): UO31

Sample Identification

JF-DGP3-SO-00'-02'
JF-DGP3-SO-02'-03'
JF-DGP3-SO-05'-07'
JF-DGP3-SO-07'-07.5'
JF-DGP3-SO-07'-07.5'DL
JF-DGP3-SO-10'-12'
JF-DGP3-SO-10'-12'DL
JF-DGP3-SO-15'-16.5'
JF-DGP3-SO-20'-21'
JF-DGP3-SO-25'-27'
JF-DGP3-SO-27'-29'
JF-DGP3-SO-27'-29'-D
JF-DGP3-SO-30'-32'
JF-DGP4-SO-00'-02'
JF-DGP4-SO-02'-03'
JF-DGP4-SO-05'-07'
JF-DGP4-SO-07'-08.75'
JF-DGP4-SO-10'-12'
JF-DGP3-SO-10'-12'MS
JF-DGP3-SO-10'-12'MSD
JF-DGP4-SO-00'-02'MS
JF-DGP4-SO-00'-02'MSD

Introduction

This data review covers 22 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082 for Polychlorinated Biphenyls.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for samples JF-DGP3-SO-07'-07.5'DL and JF-DGP3-SO-10'-12'DL. Since the samples were diluted out, no data were qualified.

All internal standard areas and retention times were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were not within QC limits. Since the samples were diluted out, no data were qualified.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

Raw data were not reviewed for this SDG.

XIII. Compound Quantitation and RLs

All compound quantitation and RLs were within validation criteria with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
JF-DGP3-SO-07'-07.5'	Aroclor-1248	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects)	A
JF-DGP3-SO-10'-12'	Aroclor-1248 Aroclor-1254	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects) J (all detects)	A

Raw data were not reviewed for this SDG.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were rejected as follows:

Sample	Compound	Flag	A or P
JF-DGP3-SO-07'-07.5'	Aroclor-1248 Aroclor-1254	R	A
JF-DGP3-SO-07'-07.5'DL	All TCL compounds except Aroclor-1248 Aroclor-1254	R	A
JF-DGP3-SO-10'-12'	Aroclor-1248 Aroclor-1254 Aroclor-1260	R	A
JF-DGP3-SO-10'-12'DL	All TCL compounds except Aroclor-1248 Aroclor-1254 Aroclor-1260	R	A

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

Samples JF-DGP3-SO-27'-29' and JF-DGP3-SO-27'-29'-D were identified as field duplicates. No polychlorinated biphenyls were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/Kg)		RPD
	JF-DGP3-SO-27'-29'	JF-DGP3-SO-27'-29'-D	
Aroclor-1248	330	260U	200 (≤50)
Aroclor-1254	690	570	19 (≤50)
Aroclor-1260	300	210	35 (≤50)

XV. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Data Qualification Summary - SDG UO31

SDG	Sample	Compound	Flag	A or P	Reason
UO31	JF-DGP3-SO-07'-07.5'	Aroclor-1248	J (all detects)	A	Compound quantitation and RLs (exceeded range)
UO31	JF-DGP3-SO-10'-12'	Aroclor-1248 Aroclor-1254	J (all detects) J (all detects)	A	Compound quantitation and RLs (exceeded range)
UO31	JF-DGP3-SO-07'-07.5'	Aroclor-1248 Aroclor-1254	R	A	Overall assessment of data
UO31	JF-DGP3-SO-07'-07.5'DL	All TCL compounds except Aroclor-1248 Aroclor-1254	R	A	Overall assessment of data
UO31	JF-DGP3-SO-10'-12'	Aroclor-1248 Aroclor-1254 Aroclor-1260	R	A	Overall assessment of data
UO31	JF-DGP3-SO-10'-12'DL	All TCL compounds except Aroclor-1248 Aroclor-1254 Aroclor-1260	R	A	Overall assessment of data

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG UO31

No Sample Data Qualified in this SDG

LDC #: 27475A3b **VALIDATION COMPLETENESS WORKSHEET** Date: 4/20/1

SDG #: UO31 Level III Page: 1 of 1

Laboratory: Analytical Resources, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/28/12
II.	GC/ECD Instrument Performance Check	NA	
III.	Initial calibration	A	% RSD ≤ 20
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 20
V.	Blanks	A	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	SW	
VIII.	Laboratory control samples	A	LCS ID
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	SW	
XIV.	Overall assessment of data	SW	Acceptable IS
XV.	Field duplicates	SW	D = 11 + 12
XVI.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

SOIL

1	JF-DGP3-SO-00'-02'	11	JF-DGP3-SO-27'-29'	21	JF-DGP3-SO-10'-12'MS	31	MB-040212
2	JF-DGP3-SO-02'-03'	12	JF-DGP3-SO-27'-29'-D	22	JF-DGP3-SO-10'-12'MSD	32	MB-040312
3	JF-DGP3-SO-05'-07'	13	JF-DGP3-SO-30'-~~30'~~ 32'	23	JF-DGP4-SO-00'-02'MS	33	
4	JF-DGP3-SO-07'-07.5'	14	JF-DGP4-SO-00'-02'	24	JF-DGP4-SO-00'-02'MSD	34	
5	JF-DGP3-SO-07'-07.5'DL	15	JF-DGP4-SO-02'-03'	25		35	
6	JF-DGP3-SO-10'-12'	16	~~JF-DGP4-SO-00'-02'~~	26		36	
7	JF-DGP3-SO-10'-12'DL	17	~~JF-DGP4-SO-02'-03'~~	27		37	
8	JF-DGP3-SO-15'-16.5'	18	JF-DGP4-SO-05'-07'	28		38	
9	JF-DGP3-SO-20'-21'	19	JF-DGP4-SO-07'-08.75'	29		39	
10	JF-DGP3-SO-25'-27'	20	JF-DGP4-SO-10'-12'	30		40	

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG.
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH.
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II.
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ.
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. DB 608	KK.
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. DB 1701	LL.
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE.	MM.
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF.	NN.

Notes:_____

LDC #: 27475A3b

VALIDATION FINDINDS WORKSHEET
Surrogate Recovery

Page: 1 of 1
Reviewer: FT
2nd Reviewer: ✓

METHOD: ✓ GC __ HPLC

Are surrogates required by the method? Yes____ or No____.

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were surrogates spiked into all samples and blanks?

Y (N) N/A Did all surrogate recoveries (%R) meet the QC limits?

#	Sample ID	Detector/ Column	Surrogate Compound	%R (Limits)	Qualifications
	5, 7	NS	surrogate outside limit	)	no qual ≥10x DL
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene		
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Tripentyltin		
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin		
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate		
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

LDC #: 27475A3b

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: FT
2nd Reviewer: ✓

METHOD: ✓ GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG?
Y N N/A Was an MS/MSD analyzed every 20 samples for each matrix or whenever a sample extraction was performed?
Y N N/A Were the MS/MSD percent recoveries (%R) and relative percent differences (RPD) within QC limits?

#	MS/MSD ID	Compound	MS %R (Limits)	MSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
	21+22	☆ Recovery (	were	outside	limit ( )	6, 7	no qual 10xRL
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		

LDC #: 27475 A3b

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: __ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weight factors, etc.?
Y N N/A Did the reported results for detected target compounds agree within 10.0% of the recalculated results?

#	Compound Name	Finding	Associated Samples	Qualifications
	Z	x'd cal Range	4	J / A det
	Z, AA	↓	6	J / A det

Comments: See sample calculation verification worksheet for recalculations

LDC #: 27475A3b

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: L

METHOD: ✓ **GC** ___ **HPLC**

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y/N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Z, AA	x'd cal Range, + lower result	4	R/A
	all except Z, AA	diluted	5	R/A
	Z, AA, BB	x'd cal Range + lower result	6	R/A
	all except Z, AA, BB	diluted	7	R/A

Comments: _____

OVRNew.wpd

LDC #: 27475#3b

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1
Reviewer: FT
2nd reviewer: [illegible]

METHOD: ✓ GC ___ HPLC

Y N N/A Were field duplicate pairs identified in this SDG?
Y N N/A Were target compounds detected in the field duplicate pairs?

Compound	Concentration (ug/kg)		%RPD Limit 50	Qualification Parent only / All Samples
	11	12		
Z	330	2604	200	
AA	690	570	19	
BB	300	210	35	

Compound	Concentration ( )		%RPD Limit _____	Qualification Parent only / All Samples

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 29, 2012
LDC Report Date:	May 3, 2012
Matrix:	Soil
Parameters:	Volatiles
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO71/UO76

Sample Identification

JF-DGP2-SO-2'
JF-DGP2-SO-16'
JF-DGP2-SO-26'
JF-DGP5-SO-02'
JF-DGP5-SO-16'
JF-DGP5-SO-26'

Introduction

This data review covers 6 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of the presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990 .

Average relative response factors (RRF) for all compounds were within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
4/9/12	Trichlorofluoromethane Acetone p-Isopropyltoluene n-Butylbenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene	20.3 21.7 20.1 26.0 26.8 23.7	JF-DGP5-SO-26' MB-040912A	J (all detects) UJ (all non-detects)	A

The percent differences (%D) of the second source calibration standard were less than or equal to 30.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
3/28/12	Dichlorodifluoromethane Chloromethane	55.85 34.26	JF-DGP2-SO-2' JF-DGP2-SO-16' JF-DGP2-SO-26' JF-DGP5-SO-02' JF-DGP5-SO-16' MB-040312A	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
MB-040312A	4/3/12	Methylene chloride Acetone	1.6 ug/Kg 4.2 ug/Kg	JF-DGP2-SO-2' JF-DGP2-SO-16' JF-DGP2-SO-26' JF-DGP5-SO-02' JF-DGP5-SO-16'
MB-040912A	4/9/12	Methylene chloride Acetone 1,2,4-Trichlorobenzene Naphthalene 1,2,3-Trichlorobenzene	3.2 ug/Kg 3.4 ug/Kg 0.6 ug/Kg 0.6 ug/Kg 0.5 ug/Kg	JF-DGP5-SO-26'

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
JF-DGP2-SO-2'	Methylene chloride	2.6 ug/Kg	2.6U ug/Kg
JF-DGP2-SO-16'	Methylene chloride Acetone	3.2 ug/Kg 32 ug/Kg	3.2U ug/Kg 32U ug/Kg
JF-DGP2-SO-26'	Methylene chloride Acetone	3.8 ug/Kg 20 ug/Kg	3.8U ug/Kg 20U ug/Kg
JF-DGP5-SO-02'	Methylene chloride	2.6 ug/Kg	2.6U ug/Kg

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
JF-DGP5-SO-16'	Methylene chloride Acetone	2.9 ug/Kg 24 ug/Kg	2.9U ug/Kg 24U ug/Kg
JF-DGP5-SO-26'	Methylene chloride	3.5 ug/Kg	3.5U ug/Kg

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
JF-DGP5-SO-26'	1,4-Dichlorobenzene-d4	167864 (196051-784202)	Bromoform 1,1,2,2-Tetrachloroethane 1,2-Dibromo-3-chloropropane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene	J (all detects) UJ (all non-detects)	A

Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
JF-DGP5-SO-26' (continued)	1,4-Dichlorobenzene-d4	167864 (196051-784202)	1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene trans-1,4-Dichloro-2-butene	J (all detects) UJ (all non-detects)	A

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and RLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to calibration and internal standard problems, data were qualified as estimated in six samples.

Due to method blank contamination problems, data were qualified as not detected in six samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Volatiles - Data Qualification Summary - SDG UO71/UO76

SDG	Sample	Compound	Flag	A or P	Reason
UO71/ UO76	JF-DGP5-SO-26'	Trichlorofluoromethane Acetone p-Isopropyltoluene n-Butylbenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
UO71/ UO76	JF-DGP2-SO-2' JF-DGP2-SO-16' JF-DGP2-SO-26' JF-DGP5-SO-02' JF-DGP5-SO-16'	Dichlorodifluoromethane Chloromethane	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Continuing calibration (ICV %D)
UO71/ UO76	JF-DGP5-SO-26'	Bromoform 1,1,2,2-Tetrachloroethane 1,2-Dibromo-3-chloropropane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene trans-1,4-Dichloro-2-butene	J (all detects) UJ (all non-detects)	A	Internal standard (area)

Jorgensen Forge Outfall Site
Volatiles - Laboratory Blank Data Qualification Summary - SDG UO71/UO76

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
UO71/ UO76	JF-DGP2-SO-2'	Methylene chloride	2.6U ug/Kg	A
UO71/ UO76	JF-DGP2-SO-16'	Methylene chloride Acetone	3.2U ug/Kg 32U ug/Kg	A
UO71/ UO76	JF-DGP2-SO-26'	Methylene chloride Acetone	3.8U ug/Kg 20U ug/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
UO71/ UO76	JF-DGP5-SO-02'	Methylene chloride	2.6U ug/Kg	A
UO71/ UO76	JF-DGP5-SO-16'	Methylene chloride Acetone	2.9U ug/Kg 24U ug/Kg	A
UO71/ UO76	JF-DGP5-SO-26'	Methylene chloride	3.5U ug/Kg	A

LDC #: 27475B1

SDG #: ~~0071~~ 00 / ~~0076~~ 00

Laboratory: Analytical Resources, Inc.

VALIDATION COMPLETENESS WORKSHEET

Level III

Date: 4/27/12

Page: 1 of 1

Reviewer: B

2nd Reviewer: V

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260~~B~~ C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/29/12
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 20, r²
IV.	Continuing calibration/ICV	SW	ICV ≤ 30 CCV ≤ 20
V.	Blanks	SW	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	client specified
VIII.	Laboratory control samples	A	LCS ID
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	SW	
XI.	Target compound identification	N	
XII.	Compound quantitation/RL/LOQ/LODs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

SOIL

1 1	JF-DGP2-SO-2'	11 1	MB-040312A	21		31	
2 1	JF-DGP2-SO-16'	12 2	MB-040912A	22		32	
3 1	JF-DGP2-SO-26'	13		23		33	
4 1	JF-DGP5-SO-02'	14		24		34	
5 1	JF-DGP5-SO-16'	15		25		35	
6 2	JF-DGP5-SO-26'	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

4- DCB

METHOD: VOA

A. Chloromethane	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene	BB. 1,1,2,2-Tetrachloroethane	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane	CC. Toluene	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform	EE. Ethylbenzene	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Iodomethane
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.1,1-Difluoroethane
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP. trans-1,4-Dichloro-2-butene
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

LDC #: 27475B1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ~~≤25%~~ 30 %D and ≥0.05 RRF ? ICV ≤ 30%

#	Date	Standard ID	Compound	Finding %D (Limit: ~~≤25.0%~~ 30)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	4/9/12	CCV	KK	20.3		MB-040912A, 6	J/UJ/A
			F	21.7			
			GGG	20.1			
			III	26.0			
			KKK	26.8			
			LLL	23.7			
	3/28/12	ICV0328	JJ	55.85		MB-040312A, 1-5	
			A	34.26			

CONCAL_8260B.1S

LDC #: 27475B1

VALIDATION FINDINGS WORKSHEET
Blanks

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8240/8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a method blank associated with every sample in this SDG?
Y N N/A Was a method blank analyzed at least once every 12 hours for each matrix and concentration?
Y N N/A Was there contamination in the method blanks? If yes, please see the qualifications below.

Blank analysis date: 4/3/12
Conc. units: ug/kg
Associated Samples: ~~All~~ 1 → 5

Compound	Blank ID	10x	Sample Identification							
	MB-040312A		1	2	3	4	5	~~6~~		
E	1.6	16	2.6/U	3.2/U	3.8/U	2.6/U	2.9/U	~~3.5/U~~		
F	4.2	42	-	32/U	20/U	-	24/U	-		

Blank analysis date: 4/9/12
Conc. units: ug/kg
Associated Samples: 6

Compound	Blank ID	Sample Identification								
	MB-040912A		6							
E	3.2		3.5/U							
F	3.4		-							
KKK	0.6		-							
MMM	0.6		-							

Blank analysis date:
Conc. units:
Associated Samples: 6

Compound	Blank ID	Sample Identification								
			6							
NNN	0.5		-							

All results were qualified using the criteria stated below except those circled.
Note: Common contaminants such as Methylene chloride, Acetone, 2-Butanone, Carbon disulfide and TICs that were detected in samples within ten times the associated method blank concentration were qualified as not detected, "U". Other contaminants within five times the method blank concentration were also qualified as not detected, "U".

LDC #: 27475B1
SDG #: ~~________~~

VALIDATION FINDINGS WORKSHEET
Internal Standards

Reviewer: FT
2nd Reviewer: [signature]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y (N) N/A Were all internal standard area counts within -50 to +100% of the associated calibration standard?
(Y) N N/A Were the retention times of the internal standards within +/- 30 seconds of the retention times of the associated calibration standard?

#	Date	Lab ID/Reference	Internal Standard	Area (Limits)	RT (Limits)	Qualifications
		6	4DCB	167864 (196051 - 784202)		J/UJ/A See list

(BCM) = Bromochloromethane
(DFB) = 1,4-Difluorobenzene
(CBZ) = Chlorobenzene-d5
(PFB) = Pentafluorobenzene
(4DCB) = 1,4-Dichlorobenzene-d4
(2DCB) = 1,2-Dichlorobenzene-d4
(FBZ) = Fluorobenzene

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 29, 2012
LDC Report Date:	May 3, 2012
Matrix:	Soil
Parameters:	Semivolatiles
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO71/UO76

Sample Identification

JF-DGP2W-SO-00'-10'
JF-DGP2W-SO-10'-20'
JF-DGP2W-SO-20'-30'
JF-DGP5W-SO-0'-10'
JF-DGP5W-SO-10'-20'
JF-DGP5W-SO-20'-30'
JF-DGP2W-SO-00'-10'MS
JF-DGP2W-SO-00'-10'MSD

Introduction

This data review covers 8 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8270D for Semivolatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of the presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Average relative response factors (RRF) for all compounds were within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
4/9/12	Hexachlorocyclopentadiene Pentachlorophenol	34.3 28.0	All samples in SDG OU71/OU76	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A

The percent differences (%D) of the second source calibration standard were less than or equal to 30.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
3/14/12	4-Nitrophenol	40.78	All samples in SDG OU71/OU76	J (all detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No semivolatile contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were not within the QC limits. Since the samples were diluted out, no data were qualified.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and RLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to calibration problems, data were qualified as estimated in six samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Semivolatiles - Data Qualification Summary - SDG UO71/UO76

SDG	Sample	Compound	Flag	A or P	Reason
UO71/ UO76	JF-DGP2W-SO-00'-10' JF-DGP2W-SO-10'-20' JF-DGP2W-SO-20'-30' JF-DGP5W-SO-0'-10' JF-DGP5W-SO-10'-20' JF-DGP5W-SO-20'-30'	Hexachlorocyclopentadiene Pentachlorophenol	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
UO71/ UO76	JF-DGP2W-SO-00'-10' JF-DGP2W-SO-10'-20' JF-DGP2W-SO-20'-30' JF-DGP5W-SO-0'-10' JF-DGP5W-SO-10'-20' JF-DGP5W-SO-20'-30'	4-Nitrophenol	J (all detects) UJ (all non-detects)	A	Continuing calibration (ICV %D)

Jorgensen Forge Outfall Site
Semivolatiles - Laboratory Blank Data Qualification Summary - SDG UO71/UO76

No Sample Data Qualified in this SDG

LDC #: 27475B2 **VALIDATION COMPLETENESS WORKSHEET** Date: 4/27/12
SDG #: ~~0071~~/~~0076~~ Level III Page: 1 of 7
Laboratory: Analytical Resources, Inc. Reviewer: P
2nd Reviewer: L

METHOD: GC/MS Semivolatiles (EPA SW 846 Method 8270D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/29/12
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 20
IV.	Continuing calibration/ICV	SW	ICV ≤ 30 CCV ≤ 20
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	SW	
VIII.	Laboratory control samples	A	LCS/D
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/RL/LOQ/LODs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	JF-DGP2W-SO-00'-10'	11	MB-040412	21		31	
2	JF-DGP2W-SO-10'-20'	12		22		32	
3	JF-DGP2W-SO-20'-30'	13		23		33	
4	JF-DGP5W-SO-0'-10'	14		24		34	
5	JF-DGP5W-SO-10'-20'	15		25		35	
6	JF-DGP5W-SO-20'-30'	16		26		36	
7	JF-DGP2W-SO-00'-10'MS	17		27		37	
8	JF-DGP2W-SO-00'-10'MSD	18		28		38	
9		19		29		39	
10		20		30		40	

VALIDATION FINDINGS WORKSHEET

METHOD: GC/MS BNA (EPA SW 846 Method 8270)

A. Phenol	P. Bis(2-chloroethoxy)methane	EE. 2,6-Dinitrotoluene	TT. Pentachlorophenol	III. Benzo(a)pyrene
B. Bis (2-chloroethyl) ether	Q. 2,4-Dichlorophenol	FF. 3-Nitroaniline	UU. Phenanthrene	JJJ. Indeno(1,2,3-cd)pyrene
C. 2-Chlorophenol	R. 1,2,4-Trichlorobenzene	GG. Acenaphthene	VV. Anthracene	KKK. Dibenz(a,h)anthracene
D. 1,3-Dichlorobenzene	S. Naphthalene	HH. 2,4-Dinitrophenol	WW. Carbazole	LLL. Benzo(g,h,i)perylene
E. 1,4-Dichlorobenzene	T. 4-Chloroaniline	II. 4-Nitrophenol	XX. Di-n-butylphthalate	MMM. Bis(2-Chloroisopropyl)ether
F. 1,2-Dichlorobenzene	U. Hexachlorobutadiene	JJ. Dibenzofuran	YY. Fluoranthene	NNN. Aniline
G. 2-Methylphenol	V. 4-Chloro-3-methylphenol	KK. 2,4-Dinitrotoluene	ZZ. Pyrene	OOO. N-Nitrosodimethylamine
H. 2,2'-Oxybis(1-chloropropane)	W. 2-Methylnaphthalene	LL. Diethylphthalate	AAA. Butylbenzylphthalate	PPP. Benzoic Acid
I. 4-Methylphenol	X. Hexachlorocyclopentadiene	MM. 4-Chlorophenyl-phenyl ether	BBB. 3,3'-Dichlorobenzidine	QQQ. Benzyl alcohol
J. N-Nitroso-di-n-propylamine	Y. 2,4,6-Trichlorophenol	NN. Fluorene	CCC. Benzo(a)anthracene	RRR. Pyridine
K. Hexachloroethane	Z. 2,4,5-Trichlorophenol	OO. 4-Nitroaniline	DDD. Chrysene	SSS. Benzidine
L. Nitrobenzene	AA. 2-Chloronaphthalene	PP. 4,6-Dinitro-2-methylphenol	EEE. Bis(2-ethylhexyl)phthalate	TTT. 1-Methylnaphthalene
M. Isophorone	BB. 2-Nitroaniline	QQ. N-Nitrosodiphenylamine (1)	FFF. Di-n-octylphthalate	UUU
N. 2-Nitrophenol	CC. Dimethylphthalate	RR. 4-Bromophenyl-phenylether	GGG. Benzo(b)fluoranthene	VVV.
O. 2,4-Dimethylphenol	DD. Acenaphthylene	SS. Hexachlorobenzene	HHH. Benzo(k)fluoranthene	WWW.

LDC #: 27475B2

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT
2nd Reviewer: L

METHOD: GC/MS BNA (EPA SW 846 Method 8270)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours of sample analysis for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤20 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤20.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	4/9/12	CCV	X	34.3		All	J/UJ/A
			TT	28.0		↓	↓
	3/14/12	ICV	II	40.78		All	J/UJ/A

CONCAL.2S

LDC #: 27475B2

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS BNA (EPA SW 846 Method 8270)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.

Y N N/A Was a MS/MSD analyzed every 20 samples of each matrix?

Y N N/A Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?

#	Date	MS/MSD ID	Compound	MS %R (Limits)	MSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
3X		7+8 (3X)	PPP	0 (30-169)	0 (30-169)	( )	#1	~~J/R/UJ~~ No qual (diluted out)
			T	0 10 ( )	0 ( )	200 (50)		
			X	0 ( )	0 ( )	( )		
			HH	0 ( )	0 ( )	( )		
			BBB	0 ( )	0 ( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
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Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Jorgensen Forge Outfall Site

Collection Date: March 29, 2012

LDC Report Date: May 1, 2012

Matrix: Soil

Parameters: Polychlorinated Biphenyls

Validation Level: EPA Level III

Laboratory: Analytical Resources, Inc.

Sample Delivery Group (SDG): UO71/UO76

Sample Identification

JF-DGP2-SO-00'-02'	JF-DGP5-SO-25'-27'
JF-DGP2-SO-05'-06.5'	JF-DGP5-SO-27'-27.5'
JF-DGP2-SO-10'-11.8'	JF-DGP1-SO-00'-1.33'
JF-DGP2-SO-15'-17'	JF-DGP1-SO-3.33'-4.66'
JF-DGP2-SO-17'-19'	JF-DGP1-SO-6.6'-8.3'
JF-DGP2-SO-19'-19.8'	JF-DGP1-SO-6.6'-8.3'-D
JF-DGP2-SO-20'-22'	JF-DGP1-SO-9.9'-11.5'
JF-DGP2-SO-22'-24'	JF-DGP1-SO-9.9'-11.5'DL
JF-DGP2-SO-24'-24.8'	JF-DGP1-SO-13.2'-15.2'
JF-DGP2-SO-25'-27'	JF-DGP1-SO-16.5'-18.5'
JF-DGP2-SO-27'-29'	JF-DGP1-SO-18.5'-19.8'
JF-DGP5-SO-00'-02'	JF-DGP1-SO-19.8'-21.8'
JF-DGP5-SO-05'-07'	JF-DGP2-SO-10'-11.8'MS
JF-DGP5-SO-10'-12'	JF-DGP2-SO-10'-11.8'MSD
JF-DGP5-SO-12'-14'	JF-DGP5-SO-12'-14'MS
JF-DGP5-SO-14'-14.5'	JF-DGP5-SO-12'-14'MSD
JF-DGP5-SO-15'-17'	JF-DGP1-SO-00'-1.33'MS
JF-DGP5-SO-17'-19'	JF-DGP1-SO-00'-1.33'MSD
JF-DGP5-SO-19'-19.8'	JF-DGP1-SO-13.2'-15.2'-D
JF-DGP5-SO-20'-21.25'	

These sample IDs were updated after validation report was completed

Introduction

This data review covers 39 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082 for Polychlorinated Biphenyls.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples. Since the samples were diluted out, no data were qualified.

All internal standard areas and retention times were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were not within QC limits. Since the samples were diluted out, no data were qualified.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

Raw data were not reviewed for this SDG.

XIII. Compound Quantitation and RLs

All compound quantitation and RLs were within validation criteria with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
JF-DGP1-SO-9.9'-11.5'	Aroclor-1254	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects)	A

JF-DGP1-SO-13.0'-15.6'

Raw data were not reviewed for this SDG.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were rejected as follows:

Sample	Compound	Flag	A or P
JF-DGP1-SO-9.9'-11.5'	Aroclor-1254	R	A
JF-DGP1-SO-9.9'-11.5'DL	All TCL compounds except Aroclor-1254	R	A

JF-DGP1-SO-13.0'-15.6'

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

Samples JF-DGP1-SO-6.6'-8.3' and JF-DGP1-SO-6.6'-8.3'-D, and samples JF-DGP1-SO-13.2'-15.2' and JF-DGP1-SO-13.2'-15.2'-D were identified as field duplicates. No polychlorinated biphenyls were detected in any of the samples with the following exceptions:

JF-DGP1-SO-8.7'-10.8'

JF-DGP1-SO-8.7'-10.8'-D

Compound	Concentration (ug/Kg)		RPD
	JF-DGP1-SO-6.6'-8.3'	JF-DGP1-SO-6.6'-8.3'-D	
Aroclor-1254	21000	23000	9 (≤50)
Aroclor-1260	3500	3800	8 (≤50)

Compound	Concentration (ug/Kg)		RPD
	JF-DGP1-SO-13.2'-15.2'	JF-DGP1-SO-13.2'-15.2'-D	
Aroclor-1254	22000	22000	0 (≤50)
Aroclor-1260	5700	5100	11 (≤50)

JF-DGP1-SO-17.3'-19.9'

JF-DGP1-SO-17.3'-19.9' - D

XV. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Data Qualification Summary - SDG UO71/UO76

JF-DGP1-SO-13.0'-15.6'

SDG	Sample	Compound	Flag	A or P	Reason
UO71/UO76	JF-DGP1-SO-9.9'-11.5'	Aroclor-1254	J (all detects)	A	Compound quantitation and RLs (exceeded range)
UO71/UO76	JF-DGP1-SO-9.9'-11.5'	Aroclor-1254	R	A	Overall assessment of data
UO71/UO76	JF-DGP1-SO-9.9'-11.5'DL	All TCL compounds except Aroclor-1254	R	A	Overall assessment of data

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG UO71/UO76

No Sample Data Qualified in this SDG

LDC #: 27475B3b

VALIDATION COMPLETENESS WORKSHEET

Level III

SDG #: UO71/UO76

Laboratory: Analytical Resources, Inc.

Date: 4/23/12

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/29/12
II.	GC/ECD Instrument Performance Check	NA	
III.	Initial calibration	A	% RSD ≤ 20
IV.	Continuing calibration/ICV	A	ICV / CCV ≤ 20
V.	Blanks	A	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	SW	
VIII.	Laboratory control samples	A	LCS ID
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	N	
XIV.	Overall assessment of data	SW	Acceptable IS
XV.	Field duplicates	SW	D: 2, 20 29, 39
XVI.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

Soil

1	JF-DGP2-SO-00'-02'	11	JF-DGP2-SO-27'-29'	21	JF-DGP5-SO-25'-27'	31	JF-DGP1-SO-18.5'-19.8'
2	JF-DGP2-SO-05'-06.5'	12	JF-DGP5-SO-00'-02'	22	JF-DGP5-SO-27'-27.5'	32	JF-DGP1-SO-19.8'-21.8'
3	JF-DGP2-SO-10'-11.8'	13	JF-DGP5-SO-05'-07'	23	JF-DGP1-SO-00'-1.33'	33	JF-DGP2-SO-10'-11.8'MS
4	JF-DGP2-SO-15'-17'	14	JF-DGP5-SO-10'-12'	24	JF-DGP1-SO-3.33'-4.66'	34	JF-DGP2-SO-10'-11.8'MSD
5	JF-DGP2-SO-17'-19'	15	JF-DGP5-SO-12'-14'	25	JF-DGP1-SO-6.6'-8.3'	35	JF-DGP5-SO-12'-14'MS
6	JF-DGP2-SO-19'-19.8'	16	JF-DGP5-SO-14'-14.5'	26	JF-DGP1-SO-6.6'-8.3'-D	36	JF-DGP5-SO-12'-14'MSD
7	JF-DGP2-SO-20'-22'	17	JF-DGP5-SO-15'-17'	27	JF-DGP1-SO-9.9'-11.5'	37	JF-DGP1-SO-00'-1.33'MS
8	JF-DGP2-SO-22'-24'	18	JF-DGP5-SO-17'-19'	28	JF-DGP1-SO-9.9'-11.5'DL	38	JF-DGP1-SO-00'-1.33'MSD
9	JF-DGP2-SO-24'-24.8'	19	JF-DGP5-SO-19'-19.8'	29	JF-DGP1-SO-13.2'-15.2'	39	#29 - D
10	JF-DGP2-SO-25'-27'	20	JF-DGP5-SO-20'-21.25'	30	JF-DGP1-SO-16.5'-18.5'	40	MB-040412

MB-040512

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG.
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH.
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II.
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ.
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. DB 608	KK.
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. DB 1701	LL.
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE.	MM.
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF.	NN.

Notes:_____

LDC #: 27475B3b

VALIDATION FINDINDS WORKSHEET
Surrogate Recovery

Reviewer: FT
2nd Reviewer: ✓

METHOD: ✓ GC ___ HPLC

Are surrogates required by the method? Yes___ or No____.

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were surrogates spiked into all samples and blanks?

Y (N) N/A Did all surrogate recoveries (%R) meet the QC limits?

#	Sample ID	Detector/ Column	Surrogate Compound	%R (Limits)	Qualifications
	3, 13,	NS	surrogate	outside limit ( )	no qual >5x DL
	25, 28, 29,			( )	
	39			( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene		
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Tripentyltin		
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin		
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate		
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

LDC #: 27475 B3b

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: FT
2nd Reviewer:

METHOD: __ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG?
Y N N/A Was an MS/MSD analyzed every 20 samples for each matrix or whenever a sample extraction was performed?
Y N N/A Were the MS/MSD percent recoveries (%R) and relative percent differences (RPD) within QC limits?

#	MS/MSD ID	Compound	MS %R (Limits)	MSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
	33+34	% recovery	(outside	limit)	( )	3	no qual 10x RL
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
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			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		
			( )	( )	( )		

LDC #: 27475B3b

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: ✓ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weight factors, etc.?
Y N N/A Did the reported results for detected target compounds agree within 10.0% of the recalculated results?

#	Compound Name	Finding	Associated Samples	Qualifications
	AA	x'd cal Range	27	J / Adet

Comments: See sample calculation verification worksheet for recalculations

LDC #: 27475B3b

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: ✓ **GC** __ **HPLC**

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	AA	x'd cal Range	27	R/A
	All except AA	diluted	28	R/A

Comments: _____

LDC#: 27475B3b **VALIDATION FINDINGS WORKSHEET**

Field Duplicates

Page: 1 of 1
Reviewer: EJ
2nd Reviewer: V

METHOD: GC PCB (EPA SW 846 Method 8082)
Y N NA Were field duplicate pairs identified in this SDG?
Y N NA Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/Kg)		≤50 RPD	
	25	26		
AA	21000	23000	9	
BB	3500	3800	8	

Compound	Concentration (ug/Kg)		≤50 RPD	
	29	39		
AA	22000	22000	0	
BB	5700	5100	11	

V:\FIELD DUPLICATES\templates\27475B3b.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 29, 2011
LDC Report Date:	April 30, 2012
Matrix:	Soil
Parameters:	Metals
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO71/UO76

Sample Identification

JF-DGP2W-SO-00'-10'
JF-DGP2-SO-10'-11.8'
JF-DGP2W-SO-10'-20'
JF-DGP2W-SO-20'-30'
JF-DGP5W-SO-0'-10'
JF-DGP5W-SO-10'-20'
JF-DGP5W-SO-20'-30'
JF-DGP2W-SO-00'-10'MS
JF-DGP2W-SO-00'-10'DUP

Introduction

This data review covers 9 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA Method 200.8 and EPA SW 846 Methods 6010B and 7471A for Metals. The metals analyzed were Antimony, Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, and Zinc.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5% .

III. Calibration

The initial and continuing calibrations were performed at the required frequency.

The calibration standards criteria were met.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No metal contaminants were found in the initial, continuing and preparation blanks.

V. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

VI. Matrix Spike Analysis

Matrix spike (MS) analyses were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	%R (Limits)	Flag	A or P
JF-DGP2W-SO-00'-10'MS (All samples in SDG UO71/UO76)	Antimony	33.6 (75-125)	J (all detects) UJ (all non-detects)	A
	Copper	23.1 (75-125)	J (all detects) UJ (all non-detects)	

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits with the following exceptions:

DUP ID (Associated Samples)	Analyte	RPD (Limits)	Difference (Limits)	Flag	A or P
JF-DGP2W-SO-00'-10'DUP (All samples in SDG UO71/UO76)	Barium Copper Lead	22.9 (≤20) 28.4 (≤20) 36.8 (≤20)	- - -	J (all detects) UJ (all non-detects)	A

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

Raw data were not reviewed for this SDG.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to MS %R and Duplicate RPD problems, data were qualified as estimated in seven samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in this SDG.

XV. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Metals - Data Qualification Summary - SDG

SDG	Sample	Analyte	Flag	A or P	Reason
UO71/UO76	JF-DGP2W-SO-00'-10' JF-DGP2-SO-10'-11.8' JF-DGP2W-SO-10'-20' JF-DGP2W-SO-20'-30' JF-DGP5W-SO-0'-10' JF-DGP5W-SO-10'-20' JF-DGP5W-SO-20'-30'	Antimony Copper	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Matrix spike (%R)
UO71/UO76	JF-DGP2W-SO-00'-10' JF-DGP2-SO-10'-11.8' JF-DGP2W-SO-10'-20' JF-DGP2W-SO-20'-30' JF-DGP5W-SO-0'-10' JF-DGP5W-SO-10'-20' JF-DGP5W-SO-20'-30'	Barium Copper Lead	J (all detects) UJ (all non-detects)	A	Duplicate sample analysis (RPD)

Jorgensen Forge Outfall Site
Metals - Laboratory Blank Data Qualification Summary - SDG

No Sample Data Qualified in this SDG

Jorgensen Forge Outfall Site
Metals - Field Blank Data Qualification Summary - SDG

No Sample Data Qualified in this SDG

LDC #: 27475B4

VALIDATION COMPLETENESS WORKSHEET

Date: 4-26-12

SDG #: UO71/UO76

Level III

Page: 1 of 1

Laboratory: Analytical Resources Inc.

MG

Reviewer: MG

2nd Reviewer: ✓

METHOD: Metals (EPA SW 846 Method 6010B/~~6020/7000~~) 200.8 / 7471A

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3-29-12
II.	ICP/MS Tune	A	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	A	
VI.	Matrix Spike Analysis	SW	MS
VII.	Duplicate Sample Analysis	SW	DUP
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	N	not reviewed
X.	Furnace Atomic Absorption QC	N	not utilized
XI.	ICP Serial Dilution	N	not performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	N	
XV	Field Blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: all soil

1	JF-DGP2W-SO-00'-10'	11		21		31	
2	JF-DGP2-SO-10'-11.8'	12		22		32	
3	JF-DGP2W-SO-10'-20'	13		23		33	
4	JF-DGP2W-SO-20'-30'	14		24		34	
5	JF-DGP5W-SO-0'-10'	15		25		35	
6	JF-DGP5W-SO-10'-20'	16		26		36	
7	JF-DGP5W-SO-20'-30'	17		27		37	
8	JF-DGP2W-SO-00'-10'MS	18		28		38	
MG 9	JF-DGP2W-SO-00'-10'~~MSD~~ DUP	19		29		39	
10		20	PBS	30		40	

Notes:

LDC #: 27475B4

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: MG
2nd reviewer: ✓

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1→7	S	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
QC 8, 9	↓	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Analysis Method
ICP	S	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
ICP-MS	↓	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 27475B4

VALIDATION FINDINGS WORKSHEET
Matrix Spike Analysis

Page: 1 of 1
Reviewer: MG
2nd Reviewer: [illegible]

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a matrix spike analyzed for each matrix in this SDG?

Y N N/A Were matrix spike percent recoveries (%R) within the control limits of 75-125? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.

Y N N/A Was a post digestion spike analyzed for ICP elements that did not meet the required criteria for matrix spike recovery?

LEVEL IV ONLY:

Y N N/A Were recalculated results acceptable? See Level IV Recalculation Worksheet for recalculations.

#	Date	Matrix Spike ID	Matrix	Analyte	%R	Associated Samples	Qualifications
1		8	Soil	Sb	33.6 (75-125)	all	J / UJ / A
		↓	↓	Cu	23.1 (↓)	↓	↓
				~~Zn~~	~~275 ( )~~		

Comments: Zn 4x ; PDS in for Cu (94.9 %)

MS.4SW

LDC #: 27475B4

VALIDATION FINDINGS WORKSHEET
Duplicate Analysis

Reviewer: MG
2nd Reviewer: [illegible]

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a duplicate sample analyzed for each matrix in this SDG?

Y N N/A Were all duplicate sample relative percent differences (RPD) ≤ 20% for water samples and ≤ 35% for soil samples? If no, see qualifications below. A control limit of ±R.L. (±2X R.L. for soil) was used for sample values that were <5X the R.L., including the case when only one of the duplicate sample values was <5X R.L.. If field blanks were used for laboratory duplicates, note in the Overall Assessment.

LEVEL IV ONLY:

Y N N/A Were recalculated results acceptable? See Level IV Recalculation Worksheet for recalculations.

#	Date	Duplicate ID	Matrix	Analyte	RPD (Limits)	Difference (Limits)	Associated Samples	Qualifications
1		9	soil	Ba	22.9 (≤20)		all	J/UJ/A
		↓	↓	Cu	28.4 (↓)		↓	↓
				Pb	36.8 (↓)			

Comments:

DUP.4SW

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 30, 2012
LDC Report Date:	May 3, 2012
Matrix:	Soil
Parameters:	Volatiles
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO77

Sample Identification

JF-DGP6-SO-18.5'
JF-DGP6-SO-18.5'RE
JF-DGP6-SO-21'
JF-DGP6-SO-26'

Introduction

This data review covers 4 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of the presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990 .

Average relative response factors (RRF) for all compounds were within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
4/9/12	Trichlorofluoromethane Acetone p-Isopropyltoluene n-Butylbenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene	20.3 21.7 20.1 26.0 26.8 23.7	JF-DGP6-SO-18.5'RE JF-DGP6-SO-26' MB-040912AMeOH	J (all detects) UJ (all non-detects)	A

The percent differences (%D) of the second source calibration standard were less than or equal to 30.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
3/28/12	Dichlorodifluoromethane Chloromethane	55.85 34.26	JF-DGP6-SO-18.5' JF-DGP6-SO-21'	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
MB-040312A	4/3/12	Methylene chloride Acetone	1.6 ug/Kg 4.2 ug/Kg	JF-DGP6-SO-18.5' JF-DGP6-SO-21'
MB-040912AMeoH	4/9/12	Methylene chloride	160 ug/Kg	JF-DGP6-SO-18.5'RE JF-DGP6-SO-26'

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
JF-DGP6-SO-18.5'	Methylene chloride	3.9 ug/Kg	3.9U ug/Kg
JF-DGP6-SO-18.5'RE	Methylene chloride	450 ug/Kg	450U ug/Kg
JF-DGP6-SO-21'	Methylene chloride	3.6 ug/Kg	3.6U ug/Kg
JF-DGP6-SO-26'	Methylene chloride	210 ug/Kg	210U ug/Kg

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
JF-DGP6-SO-18.5'	Bromofluorobenzene	57.9 (64-120)	All TCL compounds	J (all detects) UJ (all non-detects)	A

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and RLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were rejected as follows:

Sample	Compound	Flag	A or P
JF-DGP6-SO-18.5'RE	All TCL compounds	R	A

Due to calibration and surrogate %R problems, data were qualified as estimated in three samples.

Due to method blank contamination problems, data were qualified as not detected in three samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Level III data validation all other results are considered valid and usable for all purposes.

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Volatiles - Data Qualification Summary - SDG UO77

SDG	Sample	Compound	Flag	A or P	Reason
UO77	JF-DGP6-SO-18.5'RE JF-DGP6-SO-26'	Trichlorofluoromethane Acetone p-Isopropyltoluene n-Butylbenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
UO77	JF-DGP6-SO-18.5' JF-DGP6-SO-21'	Dichlorodifluoromethane Chloromethane	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Continuing calibration (ICV %D)
UO77	JF-DGP6-SO-18.5'	All TCL compounds	J (all detects) UJ (all non-detects)	A	Surrogate spikes (%R)
UO77	JF-DGP6-SO-18.5'RE	All TCL compounds	R	A	Overall assessment

Jorgensen Forge Outfall Site
Volatiles - Laboratory Blank Data Qualification Summary - SDG UO77

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
UO77	JF-DGP6-SO-18.5'	Methylene chloride	3.9U ug/Kg	A
UO77	JF-DGP6-SO-18.5'RE	Methylene chloride	450U ug/Kg	A
UO77	JF-DGP6-SO-21'	Methylene chloride	3.6U ug/Kg	A
UO77	JF-DGP6-SO-26'	Methylene chloride	210U ug/Kg	A

LDC #: 27475C1 **VALIDATION COMPLETENESS WORKSHEET** Date: 1/27/12
SDG #: ~~OU~~ 77 Level III Page: 1 of 1
Laboratory: Analytical Resources, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260~~B~~ C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/30/12
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 20, r^2
IV.	Continuing calibration/ICV	SW	
V.	Blanks	SW	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	N	client specific
VIII.	Laboratory control samples	A	LCS ID
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/RL/LOQ/LODs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	~~A~~	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

SOIL

1 1	JF-DGP6-SO-18.5'	11 1	MB-040312A	21		31	
2 2	JF-DGP6-SO-18.5'RE	12 2	MB-040912A	22	MeOH	32	
3 1	JF-DGP6-SO-21'	13		23		33	
4 2	JF-DGP6-SO-26'	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene	BB. 1,1,2,2-Tetrachloroethane	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane	CC. Toluene	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform	EE. Ethylbenzene	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Iodomethane
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.1,1-Difluoroethane
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP. Methyl Iodide
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

LDC #: 27475C1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤~~25%~~ 20%D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤~~25.0%~~ 20%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	4/9/12	CCV	KK	20.3		MB-040912A MeOH, 2, 4	J/UJ/A
			F	21.7			
			GGG	20.1			
			III	26.0			
			KKK	26.8			
			LLL	23.7			
	3/28/12	ICV0328	JJ	55.85		MB-040312A, 1, 3	J/UJ/A
			A	34.26			

CONCAL_8260B.1S

LDC #: 27475C1

VALIDATION FINDINGS WORKSHEET
Blanks

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8240/8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a method blank associated with every sample in this SDG?
Y N N/A Was a method blank analyzed at least once every 12 hours for each matrix and concentration?
Y N N/A Was there contamination in the method blanks? If yes, please see the qualifications below.

Blank analysis date: 4/3/12
Conc. units: ug/Kg
Associated Samples: 1, 3

Compound	Blank ID	Sample Identification								
	MB-040312A	1	3							
E	1.6	16	3.9/4	3.6/4						
F	4.2	42								

Blank analysis date: 4/9/12
Conc. units: ug/Kg
Associated Samples: 2, 4

Compound	Blank ID	Sample Identification								
	MB-040912A MeOH			2	4					
E	160			450/4	210/4					

Blank analysis date: _____
Conc. units: _____
Associated Samples: _____

Compound	Blank ID	Sample Identification								

All results were qualified using the criteria stated below except those circled.
Note: Common contaminants such as Methylene chloride, Acetone, 2-Butanone, Carbon disulfide and TICs that were detected in samples within ten times the associated method blank concentration were qualified as not detected, "U". Other contaminants within five times the method blank concentration were also qualified as not detected, "U".

LDC #: 27475C)

VALIDATION FINDINGS WORKSHEET
Surrogate Spikes

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [signature]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were all surrogate %R within QC limits?

Y N N/A If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R out of outside of criteria?

#	Date	Lab ID/Reference	Surrogate	%Recovery (Limits)	Associated Samples	Qualifications
		1	BFB	57.9 (64-120)		J/UJ/A all TCL
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		
				( )		

	QC Limits (Soil)	QC Limits (Water)
SMC1 (TOL) = Toluene-d8	81-117	88-110
SMC2 (BFB) = Bromofluorobenzene	74-121	86-115
SMC3 (DCE) = 1,2-Dichloroethane-d4	80-120	80-120
SMC4 (DFM) = Dibromofluoromethane	80-120	86-118

LDC #: 27475C1

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	~~Sample ID~~ compd	Finding	Associated Samples	Qualifications
		All except	~~higher reporting~~	2	R/A
		E, G, S, PPPP	limit		
		E, G, S, PPP	lower Results		R/A
		2	All		R/A

Comments:

OVR.1S

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	Jorgensen Forge Outfall Site
Collection Date:	March 30, 2012
LDC Report Date:	April 25, 2012
Matrix:	Soil
Parameters:	Polychlorinated Biphenyls
Validation Level:	EPA Level III
Laboratory:	Analytical Resources, Inc.
Sample Delivery Group (SDG):	UO77

Sample Identification

JF-DGP4-SO-32'-34'
JF-DGP6-SO-10'-12'
JF-DGP6-SO-12'-14'
JF-DGP6-SO-15'-17'
JF-DGP6-SO-17'-19'
JF-DGP6-SO-20'-22'
JF-DGP6-SO-22'-24'
JF-DGP6-SO-24'-24.5'
JF-DGP6-SO-25'-27'
JF-DGP6-SO-25'-27'MS
JF-DGP6-SO-25'-27'MSD

Introduction

This data review covers 11 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082 for Polychlorinated Biphenyls.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples. Since the samples were diluted out, no data were qualified.

All internal standard areas and retention times were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

Raw data were not reviewed for this SDG.

XIII. Compound Quantitation and RLs

Raw data were not reviewed for this SDG.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the Level III data validation all results are considered valid and usable for all purposes.

XV. Field Duplicates

No field duplicates were identified in this SDG.

XV. Field Blanks

No field blanks were identified in this SDG.

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Data Qualification Summary - SDG UO77

No Sample Data Qualified in this SDG

Jorgensen Forge Outfall Site
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG UO77

No Sample Data Qualified in this SDG

LDC #: 27475C3b

VALIDATION COMPLETENESS WORKSHEET

Level III

SDG #: UO77

Laboratory: Analytical Resources, Inc.

Date: 4/20/12

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/30/12
II.	GC/ECD Instrument Performance Check	NA	
III.	Initial calibration	A	% RSD ≤ 20
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 20
V.	Blanks	A	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	A	
VIII.	Laboratory control samples	A	LCS/D
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	N	
XIV.	Overall assessment of data	A	Acceptable IS
XV.	Field duplicates	N	
XVI.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	JF-DGP4-SO-32'-34'	11	JF-DGP6-SO-25'-27'MSD	21	MB-040412	31	
2	JF-DGP6-SO-10'-12'	12		22		32	
3	JF-DGP6-SO-12'-14'	13		23		33	
4	JF-DGP6-SO-15'-17'	14		24		34	
5	JF-DGP6-SO-17'-19'	15		25		35	
6	JF-DGP6-SO-20'-22'	16		26		36	
7	JF-DGP6-SO-22'-24'	17		27		37	
8	JF-DGP6-SO-24'-24.5'	18		28		38	
9	JF-DGP6-SO-25'-27'	19		29		39	
10	JF-DGP6-SO-25'-27'MS	20		30		40	

LDC #: 27425C3b

VALIDATION FINDINDS WORKSHEET
Surrogate Recovery

Reviewer: FT
2nd Reviewer: L

METHOD: ✓ GC ___ HPLC

Are surrogates required by the method? Yes____ or No____.

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were surrogates spiked into all samples and blanks?

Y (N) N/A Did all surrogate recoveries (%R) meet the QC limits?

#	Sample ID	Detector/ Column	Surrogate Compound	%R (Limits)	Qualifications
	3, 4, 5	surrogated	was diluted	out ( )	no qual 75x DL
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	
				( )	

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene		
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Tripentyltin		
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin		
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate		
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

Jorgensen Forge Outfall Site - LDC 27475

SDG: UO31

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1016	4/5/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1268	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1221	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1254	4/5/2012	44		Yes	Y				3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1242	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1260	4/5/2012	46		Yes	Y				3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1232	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1248	4/5/2012	9.6		Yes	N	Y			9.6	1.3	ug/kg
JF-DGP3-SO-00'-02'	12-5447-UO31B	Aroclor 1262	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1262	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1016	4/5/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1248	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1232	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1221	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1268	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1254	4/5/2012	2.6		Yes	Y	J			3.8	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1260	4/5/2012	5.7		Yes	N	Y			5.7	1.3	ug/kg
JF-DGP3-SO-02'-03'	12-5448-UO31C	Aroclor 1242	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1268	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1262	4/5/2012	14		Yes	Y				3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1016	4/5/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1248	4/5/2012	4.8		Yes	N	Y			4.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1221	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1242	4/5/2012	3.8		Yes	N	U			3.8	1.3	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1254	4/5/2012	12	Yes	Y				3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1260	4/5/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-05'-07'	12-5449-UO31D	Aroclor 1232	4/5/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1242	4/5/2012	2200	Yes	N	U			2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1262	4/5/2012	2200	Yes	N	U			2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1016	4/5/2012	2200	Yes	N	U			2200	570	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1248	4/5/2012	160000	No	Y	E	R	22	2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1232	4/5/2012	2200	Yes	N	U			2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1221	4/5/2012	2200	Yes	N	U			2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1268	4/5/2012	2200	Yes	N	U			2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1260	4/5/2012	10000	Yes	N	Y			10000	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31E	Aroclor 1254	4/5/2012	91000	No	Y		R	22	2200	760	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1242	4/6/2012	11000	No	N	U	R	22	11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1016	4/6/2012	11000	No	N	U	R	22	11000	2900	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1232	4/6/2012	11000	No	N	U	R	22	11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1221	4/6/2012	11000	No	N	U	R	22	11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1260	4/6/2012	14000	No	N	Y	R	22	14000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1268	4/6/2012	11000	No	N	U	R	22	11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1262	4/6/2012	11000	No	N	U	R	22	11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1254	4/6/2012	110000	Yes	Y				11000	3800	ug/kg
JF-DGP3-SO-07'-07.5'	12-5450-UO31ED	Aroclor 1248	4/6/2012	190000	Yes	Y				11000	3800	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1268	4/5/2012	2100	Yes	N	U			2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1242	4/5/2012	2100	Yes	N	U			2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1262	4/5/2012	2100	Yes	N	U			2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1016	4/5/2012	2100	Yes	N	U			2100	550	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1248	4/5/2012	150000		No	Y	E	R	22	2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1221	4/5/2012	2100		Yes	N	U			2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1254	4/5/2012	120000		No	Y	E	R	22	2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1260	4/5/2012	18000		No	Y		R	22	2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31F	Aroclor 1232	4/5/2012	2100		Yes	N	U			2100	730	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1232	4/6/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1016	4/6/2012	11000		No	N	U	R	22	11000	2700	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1262	4/6/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1248	4/6/2012	180000		Yes	Y				11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1268	4/6/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1254	4/6/2012	150000		Yes	Y				11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1260	4/6/2012	29000		Yes	Y				11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1242	4/6/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP3-SO-10'-12'	12-5451-UO31FD	Aroclor 1221	4/6/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1254	4/5/2012	5300		Yes	Y				240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1260	4/5/2012	3100		Yes	Y				240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1268	4/5/2012	240		Yes	N	U			240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1221	4/5/2012	240		Yes	N	U			240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1248	4/5/2012	3900		Yes	Y				240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1016	4/5/2012	240		Yes	N	U			240	62	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1262	4/5/2012	240		Yes	N	U			240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1232	4/5/2012	240		Yes	N	U			240	83	ug/kg
JF-DGP3-SO-15'-16.5'	12-5452-UO31G	Aroclor 1242	4/5/2012	240		Yes	N	U			240	83	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1254	4/5/2012	3300		Yes	Y				160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1242	4/5/2012	160		Yes	N	U			160	54	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1262	4/5/2012	160		Yes	N	U			160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1016	4/5/2012	160		Yes	N	U			160	41	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1248	4/5/2012	1800		Yes	Y				160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1232	4/5/2012	160		Yes	N	U			160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1268	4/5/2012	160		Yes	N	U			160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1260	4/5/2012	1200		Yes	Y				160	54	ug/kg
JF-DGP3-SO-20'-21'	12-5453-UO31H	Aroclor 1221	4/5/2012	160		Yes	N	U			160	54	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1254	4/5/2012	1800		Yes	Y				98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1016	4/5/2012	98		Yes	N	U			98	25	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1260	4/5/2012	670		Yes	Y				98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1221	4/5/2012	98		Yes	N	U			98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1248	4/5/2012	820		Yes	Y				98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1268	4/5/2012	98		Yes	N	U			98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1262	4/5/2012	98		Yes	N	U			98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1242	4/5/2012	98		Yes	N	U			98	33	ug/kg
JF-DGP3-SO-25'-27'	12-5454-UO31I	Aroclor 1232	4/5/2012	98		Yes	N	U			98	33	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1232	4/5/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1016	4/5/2012	74		Yes	N	U			74	19	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1242	4/5/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1262	4/5/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1248	4/5/2012	330		Yes	Y				74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1221	4/5/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1268	4/5/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1254	4/5/2012	690		Yes	Y				74	25	ug/kg
JF-DGP3-SO-27'-29'	12-5455-UO31J	Aroclor 1260	4/5/2012	300		Yes	Y				74	25	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1221	4/5/2012	74	Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1242	4/5/2012	74	Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1232	4/5/2012	74	Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1016	4/5/2012	74	Yes	N	U			74	19	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1260	4/5/2012	210	Yes	Y				74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1254	4/5/2012	570	Yes	Y				74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1248	4/5/2012	260	Yes	N	Y			260	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1268	4/5/2012	74	Yes	N	U			74	25	ug/kg
JF-DGP3-SO-27'-29'-D	12-5456-UO31K	Aroclor 1262	4/5/2012	74	Yes	N	U			74	25	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1248	4/5/2012	900	Yes	N	Y			900	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1242	4/5/2012	120	Yes	N	U			120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1260	4/5/2012	660	Yes	Y				120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1254	4/5/2012	2400	Yes	Y				120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1268	4/5/2012	120	Yes	N	U			120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1221	4/5/2012	120	Yes	N	U			120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1232	4/5/2012	120	Yes	N	U			120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1262	4/5/2012	120	Yes	N	U			120	41	ug/kg
JF-DGP3-SO-30'-32'	12-5457-UO31L	Aroclor 1016	4/5/2012	120	Yes	N	U			120	31	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1254	4/5/2012	60	Yes	Y				3.9	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1242	4/5/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1262	4/5/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1016	4/5/2012	3.9	Yes	N	U			3.9	0.99	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1248	4/5/2012	19	Yes	N	Y			19	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1232	4/5/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1221	4/5/2012	3.9	Yes	N	U			3.9	1.3	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1268	4/5/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP4-SO-00'-02'	12-5461-UO31P	Aroclor 1260	4/5/2012	44	Yes	Y				3.9	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1232	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1262	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1016	4/6/2012	3.8	Yes	N	U			3.8	0.98	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1260	4/6/2012	5	Yes	Y				3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1254	4/6/2012	3.8	Yes	Y	J			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1268	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1248	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1242	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-02'-03'	12-5462-UO31Q	Aroclor 1221	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1262	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1242	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1016	4/6/2012	3.8	Yes	N	U			3.8	0.98	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1248	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1232	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1221	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1268	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1260	4/6/2012	8.7	Yes	Y				3.8	1.3	ug/kg
JF-DGP4-SO-05'-07'	12-5465-UO31T	Aroclor 1254	4/6/2012	15	Yes	Y				3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1248	4/6/2012	28	Yes	N	Y			28	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1232	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1016	4/6/2012	3.8	Yes	N	U			3.8	0.97	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1262	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1242	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1221	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1268	4/6/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1260	4/6/2012	44	Yes	Y				3.8	1.3	ug/kg
JF-DGP4-SO-07'-08.75'	12-5466-UO31U	Aroclor 1254	4/6/2012	120	Yes	Y				3.8	1.3	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1242	4/6/2012	77	Yes	N	U			77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1262	4/6/2012	77	Yes	N	U			77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1016	4/6/2012	77	Yes	N	U			77	20	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1248	4/6/2012	310	Yes	N	Y			310	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1232	4/6/2012	77	Yes	N	U			77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1221	4/6/2012	77	Yes	N	U			77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1268	4/6/2012	77	Yes	N	U			77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1254	4/6/2012	750	Yes	Y				77	26	ug/kg
JF-DGP4-SO-10'-12'	12-5467-UO31V	Aroclor 1260	4/6/2012	180	Yes	Y				77	26	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.19	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,3-Dichlorobenzene	4/3/2012	0.8	Yes	Y	J			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2,4-Trichlorobenzene	4/3/2012	5.9	Yes	N	U			5.9	0.39	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Dibromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Tetrachloroethene (PCE)	4/3/2012	0.9	Yes	Y	J			1.2	0.30	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	sec-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,3-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dichloroethene, cis-	4/3/2012	3	Yes	Y				1.2	0.28	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dichloroethene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Benzene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-15'	12-5446-UO31A	m,p-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.46	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Chlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1-Dichloropropene	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.9		Yes	N	U			5.9	0.52	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	2,2-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1,1,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Acetone	4/3/2012	62		Yes	Y	B			5.9	0.57	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1,2-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Acrolein	4/3/2012	59		Yes	N	U			59	4.5	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Ethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.24	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Styrene	4/3/2012	1.2		Yes	N	U			1.2	0.16	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,3-Dichloropropene, cis-	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,3-Dichloropropene, trans-	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	n-Propylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	n-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	4-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.33	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	2-Chloroethylvinyl ether	4/3/2012	5.9		Yes	N	U			5.9	0.32	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2		Yes	N	U			1.2	0.21	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	trans-1,4-Dichloro-2-butene	4/3/2012	5.9		Yes	N	U			5.9	0.51	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.22	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Acrylonitrile	4/3/2012	5.9		Yes	N	U			5.9	1.2	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Vinyl acetate	4/3/2012	5.9		Yes	N	U			5.9	0.45	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-15'	12-5446-UO31A	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.9		Yes	N	U			5.9	0.49	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.18	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Toluene	4/3/2012	0.7		Yes	Y	J			1.2	0.18	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1,1-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,4-Dichlorobenzene	4/3/2012	3.5		Yes	Y	M			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dichlorobenzene	4/3/2012	1.1		Yes	Y	J			1.2	0.34	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Trichloroethene (TCE)	4/3/2012	13		Yes	Y				1.2	0.25	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Chloroform	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1,2,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2,3-Trichlorobenzene	4/3/2012	5.9		Yes	N	U			5.9	0.36	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Hexachlorobutadiene	4/3/2012	5.9		Yes	N	U			5.9	0.48	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Naphthalene	4/3/2012	5.9		Yes	N	U			5.9	0.50	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.4		Yes	N	U			2.4	0.34	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	2-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.35	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	2-Butanone (MEK)	4/3/2012	5.9		Yes	N	U			5.9	0.60	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2,4-Trimethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2-Dibromo-3-chloropropane	4/3/2012	5.9		Yes	N	U			5.9	0.69	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,2,3-Trichloropropane	4/3/2012	2.4		Yes	N	U			2.4	0.61	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	tert-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.36	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Isopropylbenzene (Cumene)	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	o-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Chloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.54	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromomethane (Methyl Bromide)	4/3/2012	1.2		Yes	N	U			1.2	0.22	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP3-SO-15'	12-5446-UO31A	Chloromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.31	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Iodomethane (Methyl iodide)	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Dibromomethane	4/3/2012	1.2	Yes	N	U			1.2	0.17	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.38	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Dichlorodifluoromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.24	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Vinyl chloride	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Dichloromethane (Methylene chloride)	4/3/2012	3	Yes	N	B	U	7	2.4	0.75	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Carbon disulfide	4/3/2012	13	Yes	Y				1.2	0.66	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromoform (Tribromomethane)	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromodichloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.30	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.24	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	1,1-Dichloroethene	4/3/2012	1.2	Yes	N	U			1.2	0.40	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP3-SO-15'	12-5446-UO31A	Bromoethane	4/3/2012	2.4	Yes	N	U			2.4	0.52	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2,4-Trimethylbenzene	4/3/2012	0.8	Yes	Y	J			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Acrylonitrile	4/3/2012	5.2	Yes	N	U			5.2	1.1	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,4-Dichlorobenzene	4/3/2012	1	Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1	Yes	N	U			1.0	0.18	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Acrolein	4/3/2012	52	Yes	N	U			52	4.0	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dichloroethane	4/3/2012	1	Yes	N	U			1.0	0.20	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1,2-Trichloroethane	4/3/2012	1	Yes	N	U			1.0	0.30	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromochloromethane	4/3/2012	1	Yes	N	U			1.0	0.34	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Chloroethane	4/3/2012	1	Yes	N	U			1.0	0.48	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Vinyl chloride	4/3/2012	1.1	Yes	Y				1.0	0.25	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-17'	12-5458-UO31M	Dichloromethane (Methylene chloride)	4/3/2012	2.1	Yes	N	B	U	7	2.1	0.66	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Carbon disulfide	4/3/2012	8.6	Yes	Y				1.0	0.58	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromoform (Tribromomethane)	4/3/2012	1	Yes	N	U			1.0	0.31	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromodichloromethane	4/3/2012	1	Yes	N	U			1.0	0.27	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1-Dichloroethane	4/3/2012	1	Yes	N	U			1.0	0.21	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1-Dichloroethene	4/3/2012	1	Yes	N	U			1.0	0.35	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1	Yes	N	U			1.0	0.28	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Dichlorodifluoromethane	4/3/2012	1	Yes	N	U	UJ	5	1.0	0.22	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.1	Yes	N	U			2.1	0.30	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	2-Chlorotoluene	4/3/2012	1	Yes	N	U			1.0	0.31	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	2-Butanone (MEK)	4/3/2012	5.2	Yes	N	U			5.2	0.54	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Iodomethane (Methyl iodide)	4/3/2012	1	Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Trichloroethene (TCE)	4/3/2012	18	Yes	Y				1.0	0.22	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1,2,2-Tetrachloroethane	4/3/2012	1	Yes	N	U			1.0	0.26	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2,3-Trichlorobenzene	4/3/2012	5.2	Yes	N	U			5.2	0.32	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Hexachlorobutadiene	4/3/2012	5.2	Yes	N	U			5.2	0.43	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Naphthalene	4/3/2012	5.2	Yes	N	U			5.2	0.45	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	o-Xylene	4/3/2012	0.6	Yes	Y	J			1.0	0.23	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	4-Chlorotoluene	4/3/2012	1	Yes	N	U			1.0	0.29	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dichlorobenzene	4/3/2012	0.6	Yes	Y	J			1.0	0.31	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dibromo-3-chloropropane	4/3/2012	5.2	Yes	N	U			5.2	0.61	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2,3-Trichloropropane	4/3/2012	2.1	Yes	N	U			2.1	0.54	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	tert-Butylbenzene	4/3/2012	1	Yes	N	U			1.0	0.32	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Isopropylbenzene (Cumene)	4/3/2012	1	Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	4-Isopropyltoluene (4-Cymene)	4/3/2012	0.7	Yes	Y	J			1.0	0.25	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.17	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	m,p-Xylene	4/3/2012	2.2		Yes	Y				1.0	0.41	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.2		Yes	N	U			5.2	0.44	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1		Yes	N	U			1.0	0.27	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromobenzene	4/3/2012	1		Yes	N	U			1.0	0.16	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Toluene	4/3/2012	1.5		Yes	Y				1.0	0.16	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Chlorobenzene	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	trans-1,4-Dichloro-2-butene	4/3/2012	5.2		Yes	N	U			5.2	0.46	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	2-Chloroethylvinyl ether	4/3/2012	5.2		Yes	N	U			5.2	0.29	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2,4-Trichlorobenzene	4/3/2012	5.2		Yes	N	U			5.2	0.35	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Dibromochloromethane	4/3/2012	1		Yes	N	U			1.0	0.28	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Tetrachloroethene (PCE)	4/3/2012	0.8		Yes	Y	J			1.0	0.27	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	sec-Butylbenzene	4/3/2012	1		Yes	N	U			1.0	0.25	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,3-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dichloroethene, cis-	4/3/2012	5.4		Yes	Y				1.0	0.25	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromoethane	4/3/2012	2.1		Yes	N	U			2.1	0.46	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1,1,2-Tetrachloroethane	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Vinyl acetate	4/3/2012	5.2		Yes	N	U			5.2	0.40	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Chloromethane	4/3/2012	1		Yes	N	U	UJ	5	1.0	0.28	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Bromomethane (Methyl Bromide)	4/3/2012	1		Yes	N	U			1.0	0.20	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1,1-Trichloroethane	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Benzene	4/3/2012	1		Yes	N	U			1.0	0.31	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,2-Dichloroethene, trans-	4/3/2012	1.7		Yes	Y				1.0	0.28	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Acetone	4/3/2012	23		Yes	N	B	U	7	5.2	0.50	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Methyl tert-butyl ether (MTBE)	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-17'	12-5458-UO31M	2,2-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.31	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.2		Yes	N	U			5.2	0.46	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,1-Dichloropropene	4/3/2012	1		Yes	N	U			1.0	0.33	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,3-Dichlorobenzene	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Dibromomethane	4/3/2012	1		Yes	N	U			1.0	0.15	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Chloroform	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	n-Propylbenzene	4/3/2012	1		Yes	N	U			1.0	0.28	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,3-Dichloropropene, trans-	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	1,3-Dichloropropene, cis-	4/3/2012	1		Yes	N	U			1.0	0.24	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Styrene	4/3/2012	1		Yes	N	U			1.0	0.14	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	Ethylbenzene	4/3/2012	0.7		Yes	Y	J			1.0	0.21	ug/kg
JF-DGP4-SO-17'	12-5458-UO31M	n-Butylbenzene	4/3/2012	1		Yes	N	U			1.0	0.27	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1,1,2-Tetrachloroethane	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,3-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.21	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dichloroethene, cis-	4/3/2012	0.8		Yes	Y	J			1.0	0.24	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dichloroethene, trans-	4/3/2012	1		Yes	N	U			1.0	0.26	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Methyl tert-butyl ether (MTBE)	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	m,p-Xylene	4/3/2012	1.3		Yes	Y				1.0	0.39	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,3-Dichlorobenzene	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1		Yes	N	U			1.0	0.21	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1-Dichloropropene	4/3/2012	1		Yes	N	U			1.0	0.31	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	sec-Butylbenzene	4/3/2012	1.3		Yes	Y	M			1.0	0.24	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	2,2-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.29	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-21'	12-5460-UO31O	2-Chloroethylvinyl ether	4/3/2012	4.9		Yes	N	U			4.9	0.27	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Acetone	4/3/2012	27		Yes	N	B	U	7	4.9	0.47	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Chloroform	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Benzene	4/3/2012	1		Yes	N	U			1.0	0.29	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	2-Hexanone (Methyl butyl ketone)	4/3/2012	4.9		Yes	N	U			4.9	0.43	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Bromobenzene	4/3/2012	1		Yes	N	U			1.0	0.15	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,4-Dichlorobenzene	4/3/2012	0.5		Yes	Y	J			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1		Yes	N	U			1.0	0.17	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Acrolein	4/3/2012	49		Yes	N	U			49	3.8	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dichloroethane	4/3/2012	1		Yes	N	U			1.0	0.19	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Acrylonitrile	4/3/2012	4.9		Yes	N	U			4.9	1.0	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Vinyl acetate	4/3/2012	4.9		Yes	N	U			4.9	0.38	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Dibromochloromethane	4/3/2012	1		Yes	N	U			1.0	0.26	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1		Yes	N	U			1.0	0.25	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Tetrachloroethene (PCE)	4/3/2012	0.5		Yes	Y	J			1.0	0.25	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Toluene	4/3/2012	2		Yes	Y				1.0	0.15	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Chlorobenzene	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	trans-1,4-Dichloro-2-butene	4/3/2012	4.9		Yes	N	U			4.9	0.43	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Bromoethane	4/3/2012	2		Yes	N	U			2.0	0.43	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2,4-Trichlorobenzene	4/3/2012	4.9		Yes	N	U			4.9	0.33	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1,1-Trichloroethane	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	4.9		Yes	N	U			4.9	0.41	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dichlorobenzene	4/3/2012	1		Yes	N	U			1.0	0.29	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Iodomethane (Methyl iodide)	4/3/2012	0.7		Yes	Y	J			1.0	0.21	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-21'	12-5460-UO31O	Trichloroethene (TCE)	4/3/2012	4.8		Yes	Y	M			1.0	0.21	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1,2,2-Tetrachloroethane	4/3/2012	1		Yes	N	U			1.0	0.25	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2,3-Trichlorobenzene	4/3/2012	4.9		Yes	N	U			4.9	0.30	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Hexachlorobutadiene	4/3/2012	4.9		Yes	N	U			4.9	0.40	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Naphthalene	4/3/2012	4.9		Yes	N	U			4.9	0.42	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	2-Butanone (MEK)	4/3/2012	4.9		Yes	N	U			4.9	0.50	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	2-Chlorotoluene	4/3/2012	1		Yes	N	U			1.0	0.30	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dichloropropane	4/3/2012	1		Yes	N	U			1.0	0.16	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2,4-Trimethylbenzene	4/3/2012	1.2		Yes	Y	M			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2-Dibromo-3-chloropropane	4/3/2012	4.9		Yes	N	U			4.9	0.58	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,2,3-Trichloropropane	4/3/2012	2		Yes	N	U			2.0	0.51	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	tert-Butylbenzene	4/3/2012	1		Yes	N	U			1.0	0.30	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Isopropylbenzene (Cumene)	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	4-Isopropyltoluene (4-Cymene)	4/3/2012	7.9		Yes	Y	M			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	o-Xylene	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Bromoform (Tribromomethane)	4/3/2012	1		Yes	N	U			1.0	0.29	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Chloromethane	4/3/2012	1		Yes	N	U	UJ	5	1.0	0.26	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Dibromomethane	4/3/2012	1		Yes	N	U			1.0	0.14	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	n-Propylbenzene	4/3/2012	1		Yes	N	U			1.0	0.27	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Bromochloromethane	4/3/2012	1		Yes	N	U			1.0	0.32	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Chloroethane	4/3/2012	1		Yes	N	U			1.0	0.45	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Vinyl chloride	4/3/2012	1		Yes	N	U			1.0	0.23	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1,2-Trichloroethane	4/3/2012	1		Yes	N	U			1.0	0.28	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Carbon disulfide	4/3/2012	9.6		Yes	Y				1.0	0.55	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Bromomethane (Methyl Bromide)	4/3/2012	1		Yes	N	U			1.0	0.18	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-21'	12-5460-UO31O	Bromodichloromethane	4/3/2012	1		Yes	N	U			1.0	0.25	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1-Dichloroethane	4/3/2012	1		Yes	N	U			1.0	0.20	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1-Dichloroethene	4/3/2012	1		Yes	N	U			1.0	0.33	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1		Yes	N	U			1.0	0.26	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Dichlorodifluoromethane	4/3/2012	1		Yes	N	U	UJ	5	1.0	0.20	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,1,2-Trichlorotrifluoroethane	4/3/2012	2		Yes	N	U			2.0	0.28	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Dichloromethane (Methylene chloride)	4/3/2012	2.5		Yes	N	B	U	7	2.0	0.62	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	4-Chlorotoluene	4/3/2012	1		Yes	N	U			1.0	0.27	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,3-Dichloropropene, trans-	4/3/2012	1		Yes	N	U			1.0	0.21	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	1,3-Dichloropropene, cis-	4/3/2012	1		Yes	N	U			1.0	0.22	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Styrene	4/3/2012	1		Yes	N	U			1.0	0.14	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	Ethylbenzene	4/3/2012	1		Yes	N	U			1.0	0.20	ug/kg
JF-DGP4-SO-21'	12-5460-UO31O	n-Butylbenzene	4/3/2012	1		Yes	N	U			1.0	0.26	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Dichloromethane (Methylene chloride)	4/3/2012	2.7		Yes	N	B	U	7	2.4	0.77	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	2-Butanone (MEK)	4/3/2012	6.1		Yes	N	U			6.1	0.62	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.20	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.4		Yes	N	U			2.4	0.35	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Dichlorodifluoromethane	4/3/2012	1.2		Yes	N	U	UJ	5	1.2	0.25	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1-Dichloroethene	4/3/2012	1.2		Yes	N	U			1.2	0.41	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1-Dichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromodichloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1,2-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Carbon disulfide	4/3/2012	17		Yes	Y				1.2	0.68	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-26'	12-5459-UO31N	Hexachlorobutadiene	4/3/2012	6.1	Yes	N	U			6.1	0.50	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Vinyl chloride	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Chloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.56	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromoform (Tribromomethane)	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2,4-Trimethylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	4-Isopropyltoluene (4-Cymene)	4/3/2012	75	Yes	Y				1.2	0.29	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,4-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2	Yes	N	U			1.2	0.21	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Acrolein	4/3/2012	61	Yes	N	U			61	4.6	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Isopropylbenzene (Cumene)	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	tert-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.37	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1,2,2-Tetrachloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dibromo-3-chloropropane	4/3/2012	6.1	Yes	N	U			6.1	0.71	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Trichloroethene (TCE)	4/3/2012	7.2	Yes	Y	M			1.2	0.26	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	2-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	o-Xylene	4/3/2012	1.3	Yes	Y	M			1.2	0.27	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Naphthalene	4/3/2012	6.1	Yes	N	U			6.1	0.52	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromomethane (Methyl Bromide)	4/3/2012	0.7	Yes	Y	J			1.2	0.23	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2,3-Trichlorobenzene	4/3/2012	6.1	Yes	N	U			6.1	0.37	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.39	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2,3-Trichloropropane	4/3/2012	2.4	Yes	N	U			2.4	0.63	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.19	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Iodomethane (Methyl iodide)	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Tetrachloroethene (PCE)	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-26'	12-5459-UO31N	Dibromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2,4-Trichlorobenzene	4/3/2012	6.1	Yes	N	U			6.1	0.40	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	2-Chloroethylvinyl ether	4/3/2012	6.1	Yes	N	U			6.1	0.33	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	trans-1,4-Dichloro-2-butene	4/3/2012	6.1	Yes	N	U			6.1	0.53	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,3-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Toluene	4/3/2012	8.1	Yes	Y				1.2	0.18	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dichloroethene, cis-	4/3/2012	3.1	Yes	Y				1.2	0.29	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	6.1	Yes	N	U			6.1	0.51	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Vinyl acetate	4/3/2012	6.1	Yes	N	U			6.1	0.46	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Acrylonitrile	4/3/2012	6.1	Yes	N	U			6.1	1.2	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.23	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	n-Propylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Chlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	2-Hexanone (Methyl butyl ketone)	4/3/2012	6.1	Yes	N	U			6.1	0.53	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Dibromomethane	4/3/2012	1.2	Yes	N	U			1.2	0.18	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Chloromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.32	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1,1-Trichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Benzene	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Chloroform	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Acetone	4/3/2012	40	Yes	N	B	U	7	6.1	0.58	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	sec-Butylbenzene	4/3/2012	1.4	Yes	Y	M			1.2	0.29	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	2,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Bromoethane	4/3/2012	2.4	Yes	N	U			2.4	0.53	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1-Dichloropropene	4/3/2012	1.2	Yes	N	U			1.2	0.38	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-26'	12-5459-UO31N	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,3-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	m,p-Xylene	4/3/2012	6.2	Yes	Y				1.2	0.47	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,2-Dichloroethene, trans-	4/3/2012	0.8	Yes	Y	J			1.2	0.32	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,1,1,2-Tetrachloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,3-Dichloropropene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	1,3-Dichloropropene, cis-	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Styrene	4/3/2012	1.2	Yes	N	U			1.2	0.17	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	Ethylbenzene	4/3/2012	2.3	Yes	Y				1.2	0.24	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	4-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.34	ug/kg
JF-DGP4-SO-26'	12-5459-UO31N	n-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1,1,2-Tetrachloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,3-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dichloroethene, cis-	4/3/2012	2.3	Yes	Y				1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dichloroethene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	m,p-Xylene	4/3/2012	1.2	Yes	N	U			1.2	0.46	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,3-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1-Dichloropropene	4/3/2012	1.2	Yes	N	U			1.2	0.37	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	sec-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	2,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	2-Chloroethylvinyl ether	4/3/2012	5.9	Yes	N	U			5.9	0.33	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-31'	12-5463-UO31R	Acetone	4/3/2012	23	Yes	N	B	U	7	5.9	0.57	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Chloroform	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Benzene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.9	Yes	N	U			5.9	0.52	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.18	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,4-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2	Yes	N	U			1.2	0.21	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Acrolein	4/3/2012	59	Yes	N	U			59	4.5	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.23	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Acrylonitrile	4/3/2012	5.9	Yes	N	U			5.9	1.2	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Vinyl acetate	4/3/2012	5.9	Yes	N	U			5.9	0.45	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Dibromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2	Yes	N	U			1.2	0.30	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Tetrachloroethene (PCE)	4/3/2012	1.2	Yes	N	U			1.2	0.30	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Toluene	4/3/2012	0.7	Yes	Y	J			1.2	0.18	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Chlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	trans-1,4-Dichloro-2-butene	4/3/2012	5.9	Yes	N	U			5.9	0.52	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Dibromomethane	4/3/2012	1.2	Yes	N	U			1.2	0.17	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2,4-Trichlorobenzene	4/3/2012	5.9	Yes	N	U			5.9	0.39	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1,1-Trichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.9	Yes	N	U			5.9	0.50	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Chloromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.31	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Trichloroethene (TCE)	4/3/2012	2.8	Yes	Y				1.2	0.25	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-31'	12-5463-UO31R	1,1,2,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2,3-Trichlorobenzene	4/3/2012	5.9		Yes	N	U			5.9	0.36	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Hexachlorobutadiene	4/3/2012	5.9		Yes	N	U			5.9	0.48	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Naphthalene	4/3/2012	5.9		Yes	N	U			5.9	0.51	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	2-Butanone (MEK)	4/3/2012	5.9		Yes	N	U			5.9	0.61	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	2-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.19	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2,4-Trimethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2-Dibromo-3-chloropropane	4/3/2012	5.9		Yes	N	U			5.9	0.69	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,2,3-Trichloropropane	4/3/2012	2.4		Yes	N	U			2.4	0.61	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	tert-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Isopropylbenzene (Cumene)	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.4		Yes	Y				1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	o-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromoform (Tribromomethane)	4/3/2012	1.2		Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Iodomethane (Methyl iodide)	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	n-Propylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromoethane	4/3/2012	2.4		Yes	N	U			2.4	0.52	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.38	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Chloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.55	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Vinyl chloride	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1,2-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Carbon disulfide	4/3/2012	9.4		Yes	Y				1.2	0.66	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromomethane (Methyl Bromide)	4/3/2012	1.2		Yes	N	U			1.2	0.22	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Bromodichloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-31'	12-5463-UO31R	1,1-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.24	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1-Dichloroethene	4/3/2012	1.2	Yes	N	U			1.2	0.40	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Dichlorodifluoromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.24	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.4	Yes	N	U			2.4	0.34	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Dichloromethane (Methylene chloride)	4/3/2012	3.3	Yes	N	B	U	7	2.4	0.75	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,3-Dichloropropene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	1,3-Dichloropropene, cis-	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Styrene	4/3/2012	1.2	Yes	N	U			1.2	0.16	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	Ethylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.24	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	4-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-31'	12-5463-UO31R	n-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Carbon disulfide	4/3/2012	13	Yes	Y				1.2	0.68	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1,2-Trichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	2-Butanone (MEK)	4/3/2012	6.1	Yes	N	U			6.1	0.63	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.20	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.4	Yes	N	U			2.4	0.35	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Dichlorodifluoromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.25	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1-Dichloroethene	4/3/2012	1.2	Yes	N	U			1.2	0.41	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Trichloroethene (TCE)	4/3/2012	1.1	Yes	Y	J			1.2	0.26	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromoform (Tribromomethane)	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Naphthalene	4/3/2012	6.1	Yes	N	U			6.1	0.52	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-33'	12-5464-UO31S	Dichloromethane (Methylene chloride)	4/3/2012	3.6		Yes	N	B	U	7	2.4	0.78	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Vinyl chloride	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromodichloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dibromo-3-chloropropane	4/3/2012	6.1		Yes	N	U			6.1	0.72	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	4-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,4-Dichlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2		Yes	N	U			1.2	0.22	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Acrolein	4/3/2012	61		Yes	N	U			61	4.7	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Isopropylbenzene (Cumene)	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2,3-Trichlorobenzene	4/3/2012	6.1		Yes	N	U			6.1	0.37	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2,3-Trichloropropane	4/3/2012	2.4		Yes	N	U			2.4	0.63	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1,2,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2,4-Trimethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dichlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	2-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	o-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Chloromethane	4/3/2012	1.2		Yes	N	U	UJ	5	1.2	0.32	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Hexachlorobutadiene	4/3/2012	6.1		Yes	N	U			6.1	0.50	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Chloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.56	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	tert-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Dibromomethane	4/3/2012	1.2		Yes	N	U			1.2	0.18	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Dibromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2,4-Trichlorobenzene	4/3/2012	6.1		Yes	N	U			6.1	0.41	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-33'	12-5464-UO31S	2-Chloroethylvinyl ether	4/3/2012	6.1		Yes	N	U			6.1	0.34	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	trans-1,4-Dichloro-2-butene	4/3/2012	6.1		Yes	N	U			6.1	0.53	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Chlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	sec-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.19	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,3-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	6.1		Yes	N	U			6.1	0.51	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Vinyl acetate	4/3/2012	6.1		Yes	N	U			6.1	0.47	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Acrylonitrile	4/3/2012	6.1		Yes	N	U			6.1	1.3	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.23	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Chloroform	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	n-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Toluene	4/3/2012	0.8		Yes	Y	J			1.2	0.18	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1-Dichloropropene	4/3/2012	1.2		Yes	N	U			1.2	0.38	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromoethane	4/3/2012	2.4		Yes	N	U			2.4	0.54	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Iodomethane (Methyl iodide)	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromomethane (Methyl Bromide)	4/3/2012	1.2		Yes	N	U			1.2	0.23	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Benzene	4/3/2012	1.2		Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Acetone	4/3/2012	18		Yes	N	B	U	7	6.1	0.59	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1,1,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Tetrachloroethene (PCE)	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	2-Hexanone (Methyl butyl ketone)	4/3/2012	6.1		Yes	N	U			6.1	0.54	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Bromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.39	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-33'	12-5464-UO31S	1,3-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	m,p-Xylene	4/3/2012	1.2	Yes	N	U			1.2	0.48	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dichloroethene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,2-Dichloroethene, cis-	4/3/2012	0.7	Yes	Y	J			1.2	0.29	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	2,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,3-Dichloropropene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,3-Dichloropropene, cis-	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Styrene	4/3/2012	1.2	Yes	N	U			1.2	0.17	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	Ethylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	n-Propylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP4-SO-33'	12-5464-UO31S	1,1,1-Trichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg

Analytical Method E200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Selenium	4/5/2012	0.7		Yes	N	U			0.7	0.13	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Selenium	4/5/2012	0.5		Yes	N	U			0.5	0.11	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Selenium	4/5/2012	0.6		Yes	N	U			0.6	0.13	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Selenium	4/5/2012	0.6		Yes	N	U			0.6	0.12	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Selenium	4/5/2012	1.1		Yes	Y				0.6	0.11	mg/kg

Analytical Method SW6010C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Silver	4/5/2012	1		Yes	N	U			1	0.10	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Copper	4/5/2012	134		Yes	Y		J	8,9	0.7	0.17	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Zinc	4/5/2012	772		Yes	Y				3	0.40	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Chromium	4/5/2012	61		Yes	Y				2	0.91	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Cadmium	4/5/2012	1.3		Yes	Y				0.7	0.37	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Barium	4/5/2012	67		Yes	Y		J	9	1	0.20	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Antimony	4/5/2012	20		Yes	N	U	UJ	8	20	1.1	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Nickel	4/5/2012	35		Yes	Y				3	1.0	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Lead	4/5/2012	105		Yes	Y		J	9	7	0.44	mg/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Arsenic	4/5/2012	30		Yes	Y				20	1.5	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Chromium	4/5/2012	24		Yes	Y				0.5	0.29	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Arsenic	4/5/2012	8		Yes	Y				5	0.50	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Zinc	4/5/2012	344		Yes	Y				1	0.13	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Copper	4/5/2012	94.5		Yes	Y		J	8,9	0.2	0.054	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Barium	4/5/2012	50.2		Yes	Y		J	9	0.3	0.065	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Antimony	4/5/2012	5		Yes	N	U	UJ	8	5	0.35	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Silver	4/5/2012	0.3		Yes	N	U			0.3	0.033	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Nickel	4/5/2012	29		Yes	Y				1	0.33	mg/kg

Analytical Method SW6010C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Lead	4/5/2012	102		Yes	Y		J	9	2	0.14	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Cadmium	4/5/2012	0.9		Yes	Y				0.2	0.12	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Arsenic	4/5/2012	6		Yes	N	U			6	0.59	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Zinc	4/5/2012	259		Yes	Y				1	0.15	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Copper	4/5/2012	40.4		Yes	Y		J	8,9	0.3	0.064	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Chromium	4/5/2012	27.4		Yes	Y				0.6	0.35	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Barium	4/5/2012	26.7		Yes	Y		J	9	0.4	0.077	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Antimony	4/5/2012	6		Yes	N	U	UJ	8	6	0.41	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Silver	4/5/2012	0.4		Yes	N	U			0.4	0.039	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Nickel	4/5/2012	14		Yes	Y				1	0.39	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Lead	4/5/2012	26		Yes	Y		J	9	3	0.17	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Cadmium	4/5/2012	0.5		Yes	Y				0.3	0.14	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Barium	4/5/2012	13.5		Yes	Y		J	9	0.4	0.072	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Zinc	4/5/2012	75		Yes	Y				1	0.14	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Copper	4/5/2012	11.1		Yes	Y		J	8,9	0.2	0.060	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Chromium	4/5/2012	13.5		Yes	Y				0.6	0.33	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Cadmium	4/5/2012	0.4		Yes	Y				0.2	0.13	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Antimony	4/5/2012	6		Yes	N	U	UJ	8	6	0.39	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Silver	4/5/2012	0.4		Yes	N	U			0.4	0.036	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Nickel	4/5/2012	7		Yes	Y				1	0.36	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Lead	4/5/2012	2		Yes	N	U	UJ	9	2	0.16	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Arsenic	4/5/2012	6		Yes	N	U			6	0.56	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Antimony	4/5/2012	30		Yes	N	U	UJ	8	30	1.7	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Lead	4/5/2012	520		Yes	Y		J	9	10	0.70	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Nickel	4/5/2012	100		Yes	Y				5	1.6	mg/kg

Analytical Method SW6010C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Silver	4/5/2012	2		Yes	N	U			2	0.16	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Arsenic	4/5/2012	30		Yes	N	U			30	2.5	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Barium	4/5/2012	66		Yes	Y		J	9	2	0.32	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Cadmium	4/5/2012	19		Yes	Y				1	0.59	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Chromium	4/5/2012	62		Yes	Y				3	1.4	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Zinc	4/5/2012	35400		Yes	Y				5	0.64	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Copper	4/5/2012	110		Yes	Y		J	8,9	1	0.27	mg/kg

Analytical Method SW7471A

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Mercury	4/4/2012	0.47		Yes	Y				0.03	0.0015	mg/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Mercury	4/4/2012	0.04		Yes	Y				0.02	0.0011	mg/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Mercury	4/4/2012	0.13		Yes	Y				0.02	0.0013	mg/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Mercury	4/4/2012	0.03		Yes	N	U			0.03	0.0014	mg/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Mercury	4/4/2012	0.06		Yes	Y				0.02	0.0012	mg/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1242	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1016	4/10/2012	20		Yes	N	U			20	5.0	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1248	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1232	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1260	4/10/2012	97		Yes	Y				20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1262	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1268	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1254	4/10/2012	180		Yes	Y				20	6.7	ug/kg
JF-DGP2-SO-00'-02'	12-5618-UO71D	Aroclor 1221	4/10/2012	20		Yes	N	U			20	6.7	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1221	4/9/2012	450		Yes	N	U			450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1260	4/9/2012	2500		Yes	Y				450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1242	4/9/2012	450		Yes	N	U			450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1268	4/9/2012	450		Yes	N	U			450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1248	4/9/2012	3400		Yes	N	Y			3400	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1262	4/9/2012	450		Yes	N	U			450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1232	4/9/2012	450		Yes	N	U			450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1254	4/9/2012	11000		Yes	Y				450	150	ug/kg
JF-DGP2-SO-05'-06.5'	12-5619-UO71E	Aroclor 1016	4/9/2012	450		Yes	N	U			450	110	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1268	4/10/2012	11000		Yes	N	U			11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1254	4/10/2012	86000		Yes	Y				11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1221	4/10/2012	11000		Yes	N	U			11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1232	4/10/2012	11000		Yes	N	U			11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1248	4/10/2012	120000		Yes	Y				11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1016	4/10/2012	11000		Yes	N	U			11000	2700	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1262	4/10/2012	11000		Yes	N	U			11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1260	4/10/2012	13000		Yes	Y				11000	3600	ug/kg
JF-DGP2-SO-10'-11.8'	12-5621-UO71G	Aroclor 1242	4/10/2012	11000		Yes	N	U			11000	3600	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1262	4/9/2012	77		Yes	N	U			77	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1232	4/9/2012	77		Yes	N	U			77	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1248	4/9/2012	120		Yes	N	Y			120	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1016	4/9/2012	77		Yes	N	U			77	20	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1221	4/9/2012	77		Yes	N	U			77	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1268	4/9/2012	77		Yes	N	U			77	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1254	4/9/2012	330		Yes	Y				77	26	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1260	4/9/2012	72		Yes	Y	J			77	26	ug/kg
JF-DGP2-SO-15'-17'	12-5622-UO71H	Aroclor 1242	4/9/2012	77		Yes	N	U			77	26	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1248	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1242	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1260	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1016	4/9/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1262	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1268	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1254	4/9/2012	4.2		Yes	Y				3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1221	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-17'-19'	12-5623-UO71I	Aroclor 1232	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1262	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1242	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1248	4/9/2012	4.8		Yes	N	Y			4.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1260	4/9/2012	2.2		Yes	Y	J			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1254	4/9/2012	9.4		Yes	Y				3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1268	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1232	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1221	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-19'-19.8'	12-5624-UO71J	Aroclor 1016	4/9/2012	3.8		Yes	N	U			3.8	0.98	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1262	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1242	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1016	4/9/2012	74		Yes	N	U			74	19	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1248	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1232	4/9/2012	74		Yes	N	U			74	25	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1221	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1268	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1254	4/9/2012	120		Yes	Y				74	25	ug/kg
JF-DGP2-SO-20'-22'	12-5626-UO71L	Aroclor 1260	4/9/2012	74		Yes	N	U			74	25	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1254	4/9/2012	4.6		Yes	Y				3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1232	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1268	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1221	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1260	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1242	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1262	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1016	4/9/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP2-SO-22'-24'	12-5627-UO71M	Aroclor 1248	4/9/2012	4.7		Yes	N	Y			4.7	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1248	4/9/2012	5.7		Yes	N	Y			5.7	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1242	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1016	4/9/2012	3.8		Yes	N	U			3.8	0.97	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1232	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1221	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1268	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1254	4/9/2012	11		Yes	Y				3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1260	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-24'-24.8'	12-5628-UO71N	Aroclor 1262	4/9/2012	3.8		Yes	N	U			3.8	1.3	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1268	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1248	4/9/2012	160		Yes	N	Y			160	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1016	4/9/2012	79		Yes	N	U			79	20	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1262	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1221	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1254	4/9/2012	350		Yes	Y				79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1260	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1232	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-25'-27'	12-5629-UO71O	Aroclor 1242	4/9/2012	79		Yes	N	U			79	27	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1254	4/9/2012	190		Yes	Y				78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1268	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1016	4/9/2012	78		Yes	N	U			78	20	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1260	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1232	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1248	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1221	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1262	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP2-SO-27'-29'	12-5630-UO71P	Aroclor 1242	4/9/2012	78		Yes	N	U			78	26	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1254	4/9/2012	260		Yes	Y				20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1232	4/9/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1260	4/9/2012	150		Yes	Y				20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1242	4/9/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1016	4/9/2012	20		Yes	N	U			20	5.0	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1262	4/9/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1221	4/9/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1248	4/9/2012	79		Yes	N	Y			79	6.7	ug/kg
JF-DGP5-SO-00'-02'	12-5635-UO71U	Aroclor 1268	4/9/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1242	4/10/2012	76		Yes	N	U			76	26	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1268	4/10/2012	76		Yes	N	U			76	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1248	4/10/2012	760		Yes	N	Y			760	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1016	4/10/2012	76		Yes	N	U			76	20	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1262	4/10/2012	76		Yes	N	U			76	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1260	4/10/2012	230		Yes	N	Y			230	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1221	4/10/2012	76		Yes	N	U			76	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1254	4/10/2012	1900		Yes	Y				76	26	ug/kg
JF-DGP5-SO-05'-07'	12-5636-UO71V	Aroclor 1232	4/10/2012	76		Yes	N	U			76	26	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1260	4/10/2012	24		Yes	Y	J			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1254	4/10/2012	60		Yes	Y				37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1268	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1221	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1232	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1248	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1016	4/10/2012	37		Yes	N	U			37	9.5	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1262	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-10'-12'	12-5638-UO71X	Aroclor 1242	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1260	4/10/2012	12		Yes	Y	J			20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1248	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1268	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1254	4/10/2012	20		Yes	Y				20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1232	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1221	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1016	4/10/2012	20		Yes	N	U			20	5.0	ug/kg
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1262	4/10/2012	20		Yes	N	U			20	6.7	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-12'-14'	12-5639-UO71Y	Aroclor 1242	4/10/2012	20		Yes	N	U			20	6.7	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1268	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1242	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1262	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1016	4/10/2012	19		Yes	N	U			19	5.0	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1248	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1221	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1254	4/10/2012	28		Yes	Y				19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1260	4/10/2012	14		Yes	Y	J			19	6.6	ug/kg
JF-DGP5-SO-14'-14.5'	12-5640-UO71Z	Aroclor 1232	4/10/2012	19		Yes	N	U			19	6.6	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1232	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1268	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1242	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1262	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1016	4/10/2012	19		Yes	N	U			19	4.8	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1248	4/10/2012	38		Yes	N	Y			38	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1221	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1254	4/10/2012	96		Yes	Y				19	6.4	ug/kg
JF-DGP5-SO-15'-17'	12-5641-UO71AA	Aroclor 1260	4/10/2012	19		Yes	N	U			19	6.4	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-16'	12-5616-UO71B	1,1-Dichloroethene	4/3/2012	1.2		Yes	N	U			1.2	0.42	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromomethane (Methyl Bromide)	4/3/2012	1.2		Yes	N	U			1.2	0.23	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Chloromethane	4/3/2012	1.2		Yes	N	U	UJ	5	1.2	0.33	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Iodomethane (Methyl iodide)	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-16'	12-5616-UO71B	Dibromomethane	4/3/2012	1.2		Yes	N	U			1.2	0.18	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromoethane	4/3/2012	2.5		Yes	N	U			2.5	0.55	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.40	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Chloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.57	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromodichloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Vinyl chloride	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1,1-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Dichloromethane (Methylene chloride)	4/3/2012	3.2		Yes	N	B	U	7	2.5	0.79	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Carbon disulfide	4/3/2012	1		Yes	Y	J			1.2	0.69	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromoform (Tribromomethane)	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1-Dichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dichloroethene, cis-	4/3/2012	1.7		Yes	Y				1.2	0.30	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2		Yes	N	U			1.2	0.33	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	m,p-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.49	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	sec-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,3-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Ethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Styrene	4/3/2012	1.2		Yes	N	U			1.2	0.17	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,3-Dichloropropene, cis-	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,3-Dichloropropene, trans-	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2,4-Trichlorobenzene	4/3/2012	6.2		Yes	N	U			6.2	0.41	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Dichlorodifluoromethane	4/3/2012	1.2		Yes	N	U	UJ	5	1.2	0.26	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Benzene	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,3-Dichlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-16'	12-5616-UO71B	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1-Dichloropropene	4/3/2012	1.2	Yes	N	U			1.2	0.39	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	2-Hexanone (Methyl butyl ketone)	4/3/2012	6.2	Yes	N	U			6.2	0.54	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	2,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1,1,2-Tetrachloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Acetone	4/3/2012	32	Yes	N	B	U	7	6.2	0.60	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Chloroform	4/3/2012	1.2	Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dichloroethene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Vinyl acetate	4/3/2012	6.2	Yes	N	U			6.2	0.47	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	2-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.37	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.5	Yes	N	U			2.5	0.36	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2,4-Trimethylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Naphthalene	4/3/2012	6.2	Yes	N	U			6.2	0.53	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2,3-Trichloropropane	4/3/2012	2.5	Yes	N	U			2.5	0.64	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	tert-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.38	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	o-Xylene	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.2	Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	6.2	Yes	N	U			6.2	0.52	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Bromobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.19	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Toluene	4/3/2012	1.2	Yes	N	U			1.2	0.19	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	trans-1,4-Dichloro-2-butene	4/3/2012	6.2	Yes	N	U			6.2	0.54	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Chlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-16'	12-5616-UO71B	Tetrachloroethene (PCE)	4/3/2012	1.2		Yes	N	U			1.2	0.32	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Isopropylbenzene (Cumene)	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2,3-Trichlorobenzene	4/3/2012	6.2		Yes	N	U			6.2	0.38	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.20	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	2-Butanone (MEK)	4/3/2012	3.2		Yes	Y	J			6.2	0.64	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1,2-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.35	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dibromo-3-chloropropane	4/3/2012	6.2		Yes	N	U			6.2	0.73	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,1,2,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Acrylonitrile	4/3/2012	6.2		Yes	N	U			6.2	1.3	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Hexachlorobutadiene	4/3/2012	6.2		Yes	N	U			6.2	0.51	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Dibromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.33	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	2-Chloroethylvinyl ether	4/3/2012	6.2		Yes	N	U			6.2	0.34	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	n-Propylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	n-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.33	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	4-Chlorotoluene	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,4-Dichlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.29	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2		Yes	N	U			1.2	0.22	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Acrolein	4/3/2012	62		Yes	N	U			62	4.7	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	1,2-Dichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.24	ug/kg
JF-DGP2-SO-16'	12-5616-UO71B	Trichloroethene (TCE)	4/3/2012	9.4		Yes	Y				1.2	0.26	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Vinyl acetate	4/3/2012	5.3		Yes	N	U			5.3	0.40	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.20	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.1		Yes	N	U			1.1	0.19	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,4-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-2'	12-5615-UO71A	4-Chlorotoluene	4/3/2012	1.1		Yes	N	U			1.1	0.29	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromodichloromethane	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	2,2-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.31	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Carbon disulfide	4/3/2012	1.1		Yes	N	U			1.1	0.59	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	tert-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.32	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Isopropylbenzene (Cumene)	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	sec-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,3-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.22	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dichloroethene, cis-	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dichloroethene, trans-	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Methyl tert-butyl ether (MTBE)	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	m,p-Xylene	4/3/2012	1.1		Yes	N	U			1.1	0.41	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,3-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.1		Yes	N	U			1.1	0.22	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dibromo-3-chloropropane	4/3/2012	5.3		Yes	N	U			5.3	0.62	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.3		Yes	N	U			5.3	0.46	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2,4-Trimethylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1,1,2-Tetrachloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Acetone	4/3/2012	64		Yes	Y	B			5.3	0.51	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Chloroform	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Benzene	4/3/2012	1.5		Yes	Y				1.1	0.31	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1,1-Trichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromomethane (Methyl Bromide)	4/3/2012	1.1		Yes	N	U			1.1	0.20	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Chloromethane	4/3/2012	1.1		Yes	N	U	UJ	5	1.1	0.28	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-2'	12-5615-UO71A	Iodomethane (Methyl iodide)	4/3/2012	1.1	Yes	N	U			1.1	0.23	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Dibromomethane	4/3/2012	1.1	Yes	N	U			1.1	0.15	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromoethane	4/3/2012	2.1	Yes	N	U			2.1	0.46	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromochloromethane	4/3/2012	1.1	Yes	N	U			1.1	0.34	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Chloroethane	4/3/2012	1.1	Yes	N	U			1.1	0.49	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Vinyl chloride	4/3/2012	1.1	Yes	N	U			1.1	0.25	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1-Dichloropropene	4/3/2012	1.1	Yes	N	U			1.1	0.33	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.1	Yes	N	U			1.1	0.28	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.1	Yes	N	U			1.1	0.27	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromobenzene	4/3/2012	1.1	Yes	N	U			1.1	0.16	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Toluene	4/3/2012	0.5	Yes	Y	J			1.1	0.16	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Chlorobenzene	4/3/2012	1.1	Yes	N	U			1.1	0.23	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	trans-1,4-Dichloro-2-butene	4/3/2012	5.3	Yes	N	U			5.3	0.46	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	2-Chloroethylvinyl ether	4/3/2012	5.3	Yes	N	U			5.3	0.29	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2,4-Trichlorobenzene	4/3/2012	5.3	Yes	N	U			5.3	0.35	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Dibromochloromethane	4/3/2012	1.1	Yes	N	U			1.1	0.28	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Tetrachloroethene (PCE)	4/3/2012	1.1	Yes	N	U			1.1	0.27	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Dichloromethane (Methylene chloride)	4/3/2012	2.6	Yes	N	B	U	7	2.1	0.67	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Bromoform (Tribromomethane)	4/3/2012	1.1	Yes	N	U			1.1	0.31	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Acrolein	4/3/2012	53	Yes	N	U			53	4.0	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2,3-Trichloropropane	4/3/2012	2.1	Yes	N	U			2.1	0.54	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1-Dichloroethene	4/3/2012	1.1	Yes	N	U			1.1	0.35	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.3	Yes	N	U			5.3	0.44	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Dichlorodifluoromethane	4/3/2012	1.1	Yes	N	U	UJ	5	1.1	0.22	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-2'	12-5615-UO71A	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.1		Yes	N	U			2.1	0.30	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.17	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	2-Butanone (MEK)	4/3/2012	6.1		Yes	Y				5.3	0.54	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1,2-Trichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.30	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Trichloroethene (TCE)	4/3/2012	4.4		Yes	Y				1.1	0.22	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1,2,2-Tetrachloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2,3-Trichlorobenzene	4/3/2012	5.3		Yes	N	U			5.3	0.32	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Hexachlorobutadiene	4/3/2012	5.3		Yes	N	U			5.3	0.43	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Naphthalene	4/3/2012	5.3		Yes	N	U			5.3	0.45	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	o-Xylene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	2-Chlorotoluene	4/3/2012	1.1		Yes	N	U			1.1	0.32	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,2-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.31	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,1-Dichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.21	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	n-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	n-Propylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.29	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,3-Dichloropropene, trans-	4/3/2012	1.1		Yes	N	U			1.1	0.23	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	1,3-Dichloropropene, cis-	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Styrene	4/3/2012	1.1		Yes	N	U			1.1	0.15	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Ethylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.21	ug/kg
JF-DGP2-SO-2'	12-5615-UO71A	Acrylonitrile	4/3/2012	5.3		Yes	N	U			5.3	1.1	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2,4-Trimethylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	2-Butanone (MEK)	4/3/2012	5.9		Yes	N	U			5.9	0.60	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1,2-Trichloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Trichloroethene (TCE)	4/3/2012	2.4		Yes	Y				1.2	0.25	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1,2,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-26'	12-5617-UO71C	1,2,3-Trichlorobenzene	4/3/2012	5.9	Yes	N	U			5.9	0.36	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Hexachlorobutadiene	4/3/2012	5.9	Yes	N	U			5.9	0.48	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Naphthalene	4/3/2012	5.9	Yes	N	U			5.9	0.50	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Isopropylbenzene (Cumene)	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Acetone	4/3/2012	20	Yes	N	B	U	7	5.9	0.57	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Dichlorodifluoromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.24	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dibromo-3-chloropropane	4/3/2012	5.9	Yes	N	U			5.9	0.69	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2,3-Trichloropropane	4/3/2012	2.4	Yes	N	U			2.4	0.61	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	tert-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.36	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	2-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Vinyl chloride	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Chloroform	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Benzene	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1,1-Trichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Bromomethane (Methyl Bromide)	4/3/2012	1.2	Yes	N	U			1.2	0.22	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Chloromethane	4/3/2012	1.2	Yes	N	U	UJ	5	1.2	0.31	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Iodomethane (Methyl iodide)	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Dibromomethane	4/3/2012	1.2	Yes	N	U			1.2	0.17	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Bromoethane	4/3/2012	2.4	Yes	N	U			2.4	0.52	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dichloropropane	4/3/2012	1.2	Yes	N	U			1.2	0.19	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Chloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.54	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.4	Yes	N	U			2.4	0.34	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Dichloromethane (Methylene chloride)	4/3/2012	3.8	Yes	N	B	U	7	2.4	0.75	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Carbon disulfide	4/3/2012	3	Yes	Y				1.2	0.66	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Bromoform (Tribromomethane)	4/3/2012	1.2	Yes	N	U			1.2	0.35	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-26'	12-5617-UO71C	Bromodichloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.30	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.24	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1-Dichloroethene	4/3/2012	1.2	Yes	N	U			1.2	0.40	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.34	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Bromochloromethane	4/3/2012	1.2	Yes	N	U			1.2	0.38	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,4-Dichlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Toluene	4/3/2012	1	Yes	Y	J			1.2	0.18	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Bromobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.18	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.2	Yes	N	U			1.2	0.30	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.9	Yes	N	U			5.9	0.49	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Vinyl acetate	4/3/2012	5.9	Yes	N	U			5.9	0.45	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Acrylonitrile	4/3/2012	5.9	Yes	N	U			5.9	1.2	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Chlorobenzene	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	o-Xylene	4/3/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dichloroethane	4/3/2012	1.2	Yes	N	U			1.2	0.22	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	4-Chlorotoluene	4/3/2012	1.2	Yes	N	U			1.2	0.33	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	n-Butylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	n-Propylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,3-Dichloropropene, trans-	4/3/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,3-Dichloropropene, cis-	4/3/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Styrene	4/3/2012	1.2	Yes	N	U			1.2	0.16	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Ethylbenzene	4/3/2012	1.2	Yes	N	U			1.2	0.24	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2-SO-26'	12-5617-UO71C	Acrolein	4/3/2012	59		Yes	N	U			59	4.5	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,3-Dichlorobenzene	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	2,2-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1,1,2-Tetrachloroethane	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.2		Yes	N	U			1.2	0.21	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	trans-1,4-Dichloro-2-butene	4/3/2012	5.9		Yes	N	U			5.9	0.51	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.9		Yes	N	U			5.9	0.52	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	m,p-Xylene	4/3/2012	1.2		Yes	N	U			1.2	0.46	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Methyl tert-butyl ether (MTBE)	4/3/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Tetrachloroethene (PCE)	4/3/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dichloroethene, cis-	4/3/2012	0.6		Yes	Y	J			1.2	0.28	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	2-Chloroethylvinyl ether	4/3/2012	5.9		Yes	N	U			5.9	0.32	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2,4-Trichlorobenzene	4/3/2012	5.9		Yes	N	U			5.9	0.39	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,3-Dichloropropane	4/3/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	sec-Butylbenzene	4/3/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,2-Dichloroethene, trans-	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	1,1-Dichloropropene	4/3/2012	1.2		Yes	N	U			1.2	0.37	ug/kg
JF-DGP2-SO-26'	12-5617-UO71C	Dibromochloromethane	4/3/2012	1.2		Yes	N	U			1.2	0.31	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Hexachlorobutadiene	4/3/2012	5.3		Yes	N	U			5.3	0.44	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2,3-Trichlorobenzene	4/3/2012	5.3		Yes	N	U			5.3	0.33	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1,2,2-Tetrachloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1,2-Trichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.30	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	2-Butanone (MEK)	4/3/2012	3.9		Yes	Y	J			5.3	0.55	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-02'	12-5632-UO71R	tert-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.33	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.17	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Trichloroethene (TCE)	4/3/2012	3.1		Yes	Y				1.1	0.23	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Naphthalene	4/3/2012	5.3		Yes	N	U			5.3	0.46	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	o-Xylene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	2-Chlorotoluene	4/3/2012	1.1		Yes	N	U			1.1	0.32	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.31	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2,4-Trimethylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2,3-Trichloropropane	4/3/2012	2.1		Yes	N	U			2.1	0.55	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Isopropylbenzene (Cumene)	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.1		Yes	N	U			2.1	0.31	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dibromo-3-chloropropane	4/3/2012	5.3		Yes	N	U			5.3	0.62	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1,1,2-Tetrachloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Acetone	4/3/2012	49		Yes	Y	B			5.3	0.51	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Acrylonitrile	4/3/2012	5.3		Yes	N	U			5.3	1.1	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Vinyl acetate	4/3/2012	5.3		Yes	N	U			5.3	0.41	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	5.3		Yes	N	U			5.3	0.45	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.16	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Toluene	4/3/2012	0.6		Yes	Y	J			1.1	0.16	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Chlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.23	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	trans-1,4-Dichloro-2-butene	4/3/2012	5.3		Yes	N	U			5.3	0.47	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Dichlorodifluoromethane	4/3/2012	1.1		Yes	N	U	UJ	5	1.1	0.22	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	2-Chloroethylvinyl ether	4/3/2012	5.3		Yes	N	U			5.3	0.29	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-02'	12-5632-UO71R	Dibromochloromethane	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2,4-Trichlorobenzene	4/3/2012	5.3		Yes	N	U			5.3	0.35	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1,1-Trichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	2,2-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.31	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	2-Hexanone (Methyl butyl ketone)	4/3/2012	5.3		Yes	N	U			5.3	0.47	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1-Dichloropropene	4/3/2012	1.1		Yes	N	U			1.1	0.33	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.1		Yes	N	U			1.1	0.23	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,3-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	m,p-Xylene	4/3/2012	1.1		Yes	N	U			1.1	0.42	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Methyl tert-butyl ether (MTBE)	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dichloroethene, trans-	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dichloroethene, cis-	4/3/2012	1.1		Yes	N	U			1.1	0.26	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,3-Dichloropropane	4/3/2012	1.1		Yes	N	U			1.1	0.22	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	sec-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.26	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Tetrachloroethene (PCE)	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Dichloromethane (Methylene chloride)	4/3/2012	2.6		Yes	N	B	U	7	2.1	0.68	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	n-Butylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.1		Yes	N	U			1.1	0.28	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1-Dichloroethene	4/3/2012	1.1		Yes	N	U			1.1	0.36	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,1-Dichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.22	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromodichloromethane	4/3/2012	1.1		Yes	N	U			1.1	0.27	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromoform (Tribromomethane)	4/3/2012	1.1		Yes	N	U			1.1	0.32	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Carbon disulfide	4/3/2012	0.7		Yes	Y	J			1.1	0.60	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Vinyl chloride	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-02'	12-5632-UO71R	Ethylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.22	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Chloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.49	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Styrene	4/3/2012	1.1		Yes	N	U			1.1	0.15	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,3-Dichloropropene, cis-	4/3/2012	1.1		Yes	N	U			1.1	0.24	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Chloroform	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	n-Propylbenzene	4/3/2012	1.1		Yes	N	U			1.1	0.29	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Benzene	4/3/2012	1.7		Yes	Y				1.1	0.32	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	4-Chlorotoluene	4/3/2012	1.1		Yes	N	U			1.1	0.30	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,4-Dichlorobenzene	4/3/2012	1.1		Yes	N	U			1.1	0.25	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.1		Yes	N	U			1.1	0.19	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Acrolein	4/3/2012	53		Yes	N	U			53	4.1	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,2-Dichloroethane	4/3/2012	1.1		Yes	N	U			1.1	0.20	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromochloromethane	4/3/2012	1.1		Yes	N	U			1.1	0.34	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromoethane	4/3/2012	2.1		Yes	N	U			2.1	0.47	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Dibromomethane	4/3/2012	1.1		Yes	N	U			1.1	0.16	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Iodomethane (Methyl iodide)	4/3/2012	1.1		Yes	N	U			1.1	0.23	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Chloromethane	4/3/2012	1.1		Yes	N	U	UJ	5	1.1	0.28	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	Bromomethane (Methyl Bromide)	4/3/2012	1.1		Yes	N	U			1.1	0.20	ug/kg
JF-DGP5-SO-02'	12-5632-UO71R	1,3-Dichloropropene, trans-	4/3/2012	1.1		Yes	N	U			1.1	0.23	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Bromodichloromethane	4/3/2012	0.9		Yes	N	U			0.9	0.24	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Dichlorodifluoromethane	4/3/2012	0.9		Yes	N	U	UJ	5	0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Naphthalene	4/3/2012	4.7		Yes	N	U			4.7	0.41	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Bromoform (Tribromomethane)	4/3/2012	0.9		Yes	N	U			0.9	0.28	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2,4-Trichlorobenzene	4/3/2012	4.7		Yes	N	U			4.7	0.31	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	4-Isopropyltoluene (4-Cymene)	4/3/2012	0.9		Yes	N	U			0.9	0.22	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-16'	12-5633-UO71S	Isopropylbenzene (Cumene)	4/3/2012	0.9		Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	tert-Butylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.29	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2,3-Trichloropropane	4/3/2012	1.9		Yes	N	U			1.9	0.49	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dibromo-3-chloropropane	4/3/2012	4.7		Yes	N	U			4.7	0.56	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2,4-Trimethylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dichlorobenzene	4/3/2012	0.9		Yes	N	U			0.9	0.28	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1-Dichloroethene	4/3/2012	0.9		Yes	N	U			0.9	0.32	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	o-Xylene	4/3/2012	0.9		Yes	N	U			0.9	0.21	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1-Dichloroethane	4/3/2012	0.9		Yes	N	U			0.9	0.19	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Hexachlorobutadiene	4/3/2012	4.7		Yes	N	U			4.7	0.39	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2,3-Trichlorobenzene	4/3/2012	4.7		Yes	N	U			4.7	0.29	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1,2,2-Tetrachloroethane	4/3/2012	0.9		Yes	N	U			0.9	0.24	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Trichloroethene (TCE)	4/3/2012	1.2		Yes	Y				0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1,2-Trichloroethane	4/3/2012	0.9		Yes	N	U			0.9	0.27	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	2-Butanone (MEK)	4/3/2012	4		Yes	Y	J			4.7	0.49	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dichloropropane	4/3/2012	0.9		Yes	N	U			0.9	0.15	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1,2-Trichlorotrifluoroethane	4/3/2012	1.9		Yes	N	U			1.9	0.27	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	0.9		Yes	N	U			0.9	0.25	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	2-Chlorotoluene	4/3/2012	0.9		Yes	N	U			0.9	0.28	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dichloroethane	4/3/2012	0.9		Yes	N	U			0.9	0.18	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	sec-Butylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.23	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Dibromochloromethane	4/3/2012	0.9		Yes	N	U			0.9	0.25	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	2-Chloroethylvinyl ether	4/3/2012	4.7		Yes	N	U			4.7	0.26	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	trans-1,4-Dichloro-2-butene	4/3/2012	4.7		Yes	N	U			4.7	0.41	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Chlorobenzene	4/3/2012	0.9		Yes	N	U			0.9	0.21	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-16'	12-5633-UO71S	Toluene	4/3/2012	0.9		Yes	Y	J			0.9	0.14	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Bromobenzene	4/3/2012	0.9		Yes	N	U			0.9	0.15	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	0.9		Yes	N	U			0.9	0.24	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	4.7		Yes	N	U			4.7	0.40	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,3-Dichloropropane	4/3/2012	0.9		Yes	N	U			0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Acrylonitrile	4/3/2012	4.7		Yes	N	U			4.7	0.98	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	4-Chlorotoluene	4/3/2012	0.9		Yes	N	U			0.9	0.26	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Acrolein	4/3/2012	47		Yes	N	U			47	3.6	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	0.9		Yes	N	U			0.9	0.17	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,4-Dichlorobenzene	4/3/2012	0.9		Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	n-Butylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.25	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,3-Dichloropropene, trans-	4/3/2012	0.9		Yes	N	U			0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,3-Dichloropropene, cis-	4/3/2012	0.9		Yes	N	U			0.9	0.21	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Styrene	4/3/2012	0.9		Yes	N	U			0.9	0.13	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Ethylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.19	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Carbon disulfide	4/3/2012	2.8		Yes	Y				0.9	0.53	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Tetrachloroethene (PCE)	4/3/2012	0.9		Yes	N	U			0.9	0.24	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Vinyl acetate	4/3/2012	4.7		Yes	N	U			4.7	0.36	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Dibromomethane	4/3/2012	0.9		Yes	N	U			0.9	0.14	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Dichloromethane (Methylene chloride)	4/3/2012	2.9		Yes	N	B	U	7	1.9	0.60	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Vinyl chloride	4/3/2012	0.9		Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	n-Propylbenzene	4/3/2012	0.9		Yes	N	U			0.9	0.26	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dichloroethene, cis-	4/3/2012	0.9		Yes	N	U			0.9	0.23	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Chloroethane	4/3/2012	0.9		Yes	N	U			0.9	0.44	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-16'	12-5633-UO71S	Bromoethane	4/3/2012	1.9	Yes	N	U			1.9	0.42	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Iodomethane (Methyl iodide)	4/3/2012	0.9	Yes	N	U			0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Chloromethane	4/3/2012	0.9	Yes	N	U	UJ	5	0.9	0.25	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Bromomethane (Methyl Bromide)	4/3/2012	0.9	Yes	N	U			0.9	0.18	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1,1-Trichloroethane	4/3/2012	0.9	Yes	N	U			0.9	0.21	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Benzene	4/3/2012	0.9	Yes	N	U			0.9	0.28	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	0.9	Yes	N	U			0.9	0.20	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	m,p-Xylene	4/3/2012	0.9	Yes	N	U			0.9	0.37	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Bromochloromethane	4/3/2012	0.9	Yes	N	U			0.9	0.31	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Chloroform	4/3/2012	0.9	Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Methyl tert-butyl ether (MTBE)	4/3/2012	0.9	Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,3-Dichlorobenzene	4/3/2012	0.9	Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,2-Dichloroethene, trans-	4/3/2012	0.9	Yes	N	U			0.9	0.25	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1-Dichloropropene	4/3/2012	0.9	Yes	N	U			0.9	0.30	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	2-Hexanone (Methyl butyl ketone)	4/3/2012	4.7	Yes	N	U			4.7	0.42	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	2,2-Dichloropropane	4/3/2012	0.9	Yes	N	U			0.9	0.28	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	1,1,1,2-Tetrachloroethane	4/3/2012	0.9	Yes	N	U			0.9	0.22	ug/kg
JF-DGP5-SO-16'	12-5633-UO71S	Acetone	4/3/2012	24	Yes	N	B	U	7	4.7	0.46	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Carbon tetrachloride (Tetrachloromethane)	4/9/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Dibromochloromethane	4/9/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1-Dichloropropene	4/9/2012	1.2	Yes	N	U			1.2	0.37	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dichloroethene, cis-	4/9/2012	1.2	Yes	N	U			1.2	0.29	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	m,p-Xylene	4/9/2012	1.2	Yes	N	U			1.2	0.47	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Methyl tert-butyl ether (MTBE)	4/9/2012	1.2	Yes	N	U			1.2	0.28	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Med Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dichloroethene, trans-	4/9/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,3-Dichlorobenzene	4/9/2012	1.2	Yes	N	U	UJ	19	1.2	0.27	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Toluene	4/9/2012	1.5	Yes	Y				1.2	0.18	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,3-Dichloropropane	4/9/2012	1.2	Yes	N	U			1.2	0.25	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Tetrachloroethene (PCE)	4/9/2012	1.2	Yes	N	U			1.2	0.31	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2,4-Trichlorobenzene	4/9/2012	6	Yes	N	U	UJ	5,19	6.0	0.40	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	2-Chloroethylvinyl ether	4/9/2012	6	Yes	N	U			6.0	0.33	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	2-Hexanone (Methyl butyl ketone)	4/9/2012	6	Yes	N	U			6.0	0.53	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Dibromomethane	4/9/2012	1.2	Yes	N	U			1.2	0.18	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	trans-1,4-Dichloro-2-butene	4/9/2012	6	Yes	N	U	UJ	19	6.0	0.52	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Chlorobenzene	4/9/2012	1.2	Yes	N	U			1.2	0.26	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	sec-Butylbenzene	4/9/2012	1.2	Yes	N	U	UJ	19	1.2	0.29	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Chloroethane	4/9/2012	1.2	Yes	N	U			1.2	0.55	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dichloroethane	4/9/2012	1.2	Yes	N	U			1.2	0.23	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,3-Dichloropropene, cis-	4/9/2012	1.2	Yes	N	U			1.2	0.27	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromobenzene	4/9/2012	1.2	Yes	N	U	UJ	19	1.2	0.18	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Acrolein	4/9/2012	60	Yes	N	U			60	4.6	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dibromoethane (Ethylene dibromide)	4/9/2012	1.2	Yes	N	U			1.2	0.21	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,4-Dichlorobenzene	4/9/2012	1.2	Yes	N	U	UJ	19	1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Chloromethane	4/9/2012	1.2	Yes	N	U			1.2	0.32	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromochloromethane	4/9/2012	1.2	Yes	N	U			1.2	0.39	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromoethane	4/9/2012	2.4	Yes	N	U			2.4	0.53	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	2,2-Dichloropropane	4/9/2012	1.2	Yes	N	U			1.2	0.35	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Vinyl chloride	4/9/2012	1.2	Yes	N	U			1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1,1-Trichloroethane	4/9/2012	1.2	Yes	N	U			1.2	0.27	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-26'	12-5634-UO71T	Benzene	4/9/2012	0.9		Yes	Y	J			1.2	0.35	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Chloroform	4/9/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Acrylonitrile	4/9/2012	6		Yes	N	U			6.0	1.2	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Acetone	4/9/2012	51		Yes	Y	QB	J	5	6.0	0.58	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1,1,2-Tetrachloroethane	4/9/2012	1.2		Yes	N	U			1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromomethane (Methyl Bromide)	4/9/2012	1.2		Yes	N	U			1.2	0.22	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Trichlorofluoromethane (Fluorotrichloromethane)	4/9/2012	1.2		Yes	N	U	UJ	5	1.2	0.32	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	4-Chlorotoluene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.33	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	n-Butylbenzene	4/9/2012	1.2		Yes	N	U	UJ	5,19	1.2	0.31	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,3-Dichloropropene, trans-	4/9/2012	1.2		Yes	N	U			1.2	0.26	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Styrene	4/9/2012	1.2		Yes	N	U			1.2	0.17	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Ethylbenzene	4/9/2012	1.2		Yes	N	U			1.2	0.24	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromodichloromethane	4/9/2012	1.2		Yes	N	U			1.2	0.30	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	n-Propylbenzene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.33	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1-Dichloroethene	4/9/2012	1.2		Yes	N	U			1.2	0.40	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	tert-Butylbenzene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.37	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Dichlorodifluoromethane	4/9/2012	1.2		Yes	N	U			1.2	0.25	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1,2-Trichlorotrifluoroethane	4/9/2012	2.4		Yes	N	U			2.4	0.34	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dichloropropane	4/9/2012	1.2		Yes	N	U			1.2	0.19	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	2-Butanone (MEK)	4/9/2012	7.5		Yes	Y				6.0	0.62	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1,2-Trichloroethane	4/9/2012	1.2		Yes	N	U			1.2	0.34	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Trichloroethene (TCE)	4/9/2012	1.7		Yes	Y				1.2	0.25	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Iodomethane (Methyl iodide)	4/9/2012	0.8		Yes	Y	J			1.2	0.26	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1-Dichloroethane	4/9/2012	1.2		Yes	N	U			1.2	0.24	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Naphthalene	4/9/2012	6		Yes	N	U	UJ	19	6.0	0.51	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-26'	12-5634-UO71T	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/9/2012	6		Yes	N	U			6.0	0.50	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Vinyl acetate	4/9/2012	6		Yes	N	U			6.0	0.46	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Dichloromethane (Methylene chloride)	4/9/2012	3.5		Yes	N	B	U	7	2.4	0.76	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Carbon disulfide	4/9/2012	4.9		Yes	Y				1.2	0.67	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Bromoform (Tribromomethane)	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.36	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,1,2,2-Tetrachloroethane	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.30	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	4-Isopropyltoluene (4-Cymene)	4/9/2012	1.2		Yes	N	U	UJ	5,19	1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Hexachlorobutadiene	4/9/2012	6		Yes	N	U	UJ	5,19	6.0	0.49	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	Isopropylbenzene (Cumene)	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	o-Xylene	4/9/2012	1.2		Yes	N	U			1.2	0.27	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	2-Chlorotoluene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.36	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dichlorobenzene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.35	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2,4-Trimethylbenzene	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.28	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2-Dibromo-3-chloropropane	4/9/2012	6		Yes	N	U	UJ	19	6.0	0.70	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2,3-Trichloropropane	4/9/2012	2.4		Yes	N	U	UJ	19	2.4	0.62	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,3,5-Trimethylbenzene (Mesitylene)	4/9/2012	1.2		Yes	N	U	UJ	19	1.2	0.30	ug/kg
JF-DGP5-SO-26'	12-5634-UO71T	1,2,3-Trichlorobenzene	4/9/2012	6		Yes	N	U	UJ	19	6.0	0.37	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Chloronaphthalene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzo(a)anthracene	4/9/2012	110		Yes	N	U			110	17	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Indeno(1,2,3-c,d)pyrene	4/9/2012	110		Yes	N	U			110	25	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Diethyl phthalate	4/9/2012	260		Yes	N	U			260	190	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Acenaphthene	4/9/2012	110		Yes	N	U			110	17	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Isophorone	4/9/2012	110		Yes	N	U			110	15	ug/kg

Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Hexachlorocyclopentadiene	4/9/2012	2100		Yes	N	U	UJ	5	2100	350	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Chlorophenyl phenyl ether	4/9/2012	110		Yes	N	U			110	28	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzoic acid	4/9/2012	2100		Yes	N	U			2100	540	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Phenanthrene	4/9/2012	110		Yes	N	U			110	19	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Chloro-3-methylphenol	4/9/2012	530		Yes	N	U			530	80	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Butylbenzyl phthalate	4/9/2012	110		Yes	N	U			110	33	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	1,3-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	1100		Yes	N	U			1100	110	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Dibenzo(a,h)anthracene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4-Dinitrophenol	4/9/2012	4500		Yes	N	U			4500	590	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzo(a)pyrene	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Chrysene	4/9/2012	74		Yes	Y	J			110	20	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Acenaphthylene	4/9/2012	110		Yes	N	U			110	30	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Fluoranthene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,6-Dinitrotoluene	4/9/2012	530		Yes	N	U			530	160	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	1-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzo(b,j,k)fluoranthenes	4/9/2012	90		Yes	Y	J			110	15	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	3-Nitroaniline	4/9/2012	530		Yes	N	U			530	120	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Nitrobenzene	4/9/2012	110		Yes	N	U			110	22	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4,5-Trichlorophenol	4/9/2012	530		Yes	N	U			530	110	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Chlorophenol	4/9/2012	110		Yes	N	U			110	13	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	1,2-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	13	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Methylphenol (o-Cresol)	4/9/2012	110		Yes	N	U			110	28	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Di-n-butyl phthalate	4/9/2012	200		Yes	Y				110	43	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	16	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-00'-10'	12-5620-UO71F	N-Nitrosodi-N-propylamine	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Nitrophenol	4/9/2012	530		Yes	N	U			530	210	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2-Nitroaniline	4/9/2012	530		Yes	N	U			530	98	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4,6-Trichlorophenol	4/9/2012	530		Yes	N	U			530	120	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Pentachlorophenol	4/9/2012	1100		Yes	N	U	UJ	5	1100	260	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Hexachlorobutadiene	4/9/2012	530		Yes	N	U			530	24	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Carbazole	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Fluorene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	N-Nitrosodiphenylamine	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	3,3'-Dichlorobenzidine	4/9/2012	800		Yes	N	U			800	95	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzyl alcohol	4/9/2012	110		Yes	N	U			110	32	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Naphthalene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Hexachloroethane	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Benzo(g,h,i)perylene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Nitrophenol	4/9/2012	530		Yes	N	U	UJ	5	530	180	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Bromophenyl-phenyl ether	4/9/2012	110		Yes	N	U			110	27	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4-Dimethylphenol	4/9/2012	210		Yes	N	U			210	18	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Methylphenol (p-Cresol)	4/9/2012	210		Yes	N	U			210	35	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	1,4-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Chloroaniline	4/9/2012	1400		Yes	N	U			1400	120	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,2'-Oxybis (1-chloropropane)	4/9/2012	110		Yes	N	U			110	20	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Phenol	4/9/2012	110		Yes	N	U			110	46	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	bis(2-Chloroethyl)ether	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4-Dinitrotoluene	4/9/2012	530		Yes	N	U			530	100	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Pyrene	4/9/2012	110		Yes	N	U			110	10	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-00'-10'	12-5620-UO71F	4-Nitroaniline	4/9/2012	530		Yes	N	U			530	200	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Dimethyl phthalate	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Dibenzofuran	4/9/2012	110		Yes	N	U			110	22	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	2,4-Dichlorophenol	4/9/2012	1100		Yes	N	U			1100	110	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	1,2,4-Trichlorobenzene	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Anthracene	4/9/2012	110		Yes	N	U			110	24	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Hexachlorobenzene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Di-n-octyl phthalate	4/9/2012	110		Yes	N	U			110	31	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	Bis(2-ethylhexyl) phthalate	4/9/2012	130		Yes	N	U			130	78	ug/kg
JF-DGP2W-SO-00'-10'	12-5620-UO71F	bis(2-Chloroethoxy)methane	4/9/2012	110		Yes	N	U			110	11	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Di-n-butyl phthalate	4/9/2012	54		Yes	Y				20	8.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	1,3-Dichlorobenzene	4/9/2012	20		Yes	N	U			20	2.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Acenaphthene	4/9/2012	20		Yes	N	U			20	3.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Isophorone	4/9/2012	20		Yes	N	U			20	2.8	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Hexachlorocyclopentadiene	4/9/2012	390		Yes	N	U	UJ	5	390	65	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Chlorophenyl phenyl ether	4/9/2012	20		Yes	N	U			20	5.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Hexachloroethane	4/9/2012	20		Yes	N	U			20	2.9	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Phenanthrene	4/9/2012	12		Yes	Y	J			20	3.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzoic acid	4/9/2012	390		Yes	N	U			390	99	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Diethyl phthalate	4/9/2012	49		Yes	N	U			49	36	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	N-Nitrosodi-N-propylamine	4/9/2012	20		Yes	N	U			20	3.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,6-Dinitrotoluene	4/9/2012	98		Yes	N	U			98	30	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzo(a)anthracene	4/9/2012	20		Yes	N	U			20	3.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Chrysene	4/9/2012	17		Yes	Y	J			20	3.7	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	200		Yes	N	U			200	21	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Dibenzo(a,h)anthracene	4/9/2012	20		Yes	N	U			20	4.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4-Dinitrophenol	4/9/2012	840		Yes	N	U			840	110	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Butylbenzyl phthalate	4/9/2012	20		Yes	N	U			20	6.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	3,3'-Dichlorobenzidine	4/9/2012	150		Yes	N	U			150	17	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzo(a)pyrene	4/9/2012	14		Yes	Y	J			20	5.4	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Chloro-3-methylphenol	4/9/2012	98		Yes	N	U			98	15	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	1,2-Dichlorobenzene	4/9/2012	20		Yes	N	U			20	2.5	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Bromophenyl-phenyl ether	4/9/2012	20		Yes	N	U			20	4.9	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Acenaphthylene	4/9/2012	20		Yes	N	U			20	5.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4,6-Trichlorophenol	4/9/2012	98		Yes	N	U			98	22	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Nitroaniline	4/9/2012	98		Yes	N	U			98	18	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Nitrophenol	4/9/2012	98		Yes	N	U			98	38	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	1-Methylnaphthalene	4/9/2012	20		Yes	N	U			20	2.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Naphthalene	4/9/2012	20		Yes	N	U			20	2.7	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Methylnaphthalene	4/9/2012	20		Yes	N	U			20	3.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Methylphenol (o-Cresol)	4/9/2012	20		Yes	N	U			20	5.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Pentachlorophenol	4/9/2012	200		Yes	N	U	UJ	5	200	48	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	N-Nitrosodiphenylamine	4/9/2012	20		Yes	N	U			20	5.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Chlorophenol	4/9/2012	20		Yes	N	U			20	2.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4,5-Trichlorophenol	4/9/2012	98		Yes	N	U			98	21	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Nitrobenzene	4/9/2012	20		Yes	N	U			20	4.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	3-Nitroaniline	4/9/2012	98		Yes	N	U			98	22	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzo(b,j,k)fluoranthenes	4/9/2012	30		Yes	Y				20	2.7	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Hexachlorobutadiene	4/9/2012	98		Yes	N	U			98	4.5	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Carbazole	4/9/2012	20		Yes	N	U			20	2.6	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Fluorene	4/9/2012	20		Yes	N	U			20	4.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2-Chloronaphthalene	4/9/2012	20		Yes	N	U			20	2.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzyl alcohol	4/9/2012	20		Yes	N	U			20	6.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Methylphenol (p-Cresol)	4/9/2012	39		Yes	N	U			39	6.5	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Fluoranthene	4/9/2012	16		Yes	Y	J			20	2.9	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Nitroaniline	4/9/2012	98		Yes	N	U			98	37	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Nitrophenol	4/9/2012	98		Yes	N	U	UJ	5	98	34	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4-Dimethylphenol	4/9/2012	35		Yes	Y	J			39	3.4	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	1,4-Dichlorobenzene	4/9/2012	20		Yes	N	U			20	2.8	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	4-Chloroaniline	4/9/2012	260		Yes	N	U			260	22	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,2'-Oxybis (1-chloropropane)	4/9/2012	20		Yes	N	U			20	3.7	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Phenol	4/9/2012	20		Yes	N	U			20	8.5	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	bis(2-Chloroethyl)ether	4/9/2012	20		Yes	N	U			20	3.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	bis(2-Chloroethoxy)methane	4/9/2012	20		Yes	N	U			20	2.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Dimethyl phthalate	4/9/2012	20		Yes	N	U			20	2.8	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Benzo(g,h,i)perylene	4/9/2012	11		Yes	Y	J			20	4.3	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Bis(2-ethylhexyl) phthalate	4/9/2012	380		Yes	Y				25	14	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Indeno(1,2,3-c,d)pyrene	4/9/2012	20		Yes	N	U			20	4.6	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Dibenzofuran	4/9/2012	20		Yes	N	U			20	4.0	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Pyrene	4/9/2012	25		Yes	Y				20	1.9	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Hexachlorobenzene	4/9/2012	20		Yes	N	U			20	4.2	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4-Dichlorophenol	4/9/2012	200		Yes	N	U			200	21	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Di-n-octyl phthalate	4/9/2012	20		Yes	N	U			20	5.7	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	1,2,4-Trichlorobenzene	4/9/2012	20		Yes	N	U			20	3.4	ug/kg
JF-DGP2W-SO-10'-20'	12-5625-UO71K	Anthracene	4/9/2012	20		Yes	N	U			20	4.4	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-10'-20'	12-5625-UO71K	2,4-Dinitrotoluene	4/9/2012	98		Yes	N	U			98	19	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,6-Dinitrotoluene	4/9/2012	94		Yes	N	U			94	29	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	N-Nitrosodi-N-propylamine	4/9/2012	19		Yes	N	U			19	3.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzoic acid	4/9/2012	370		Yes	N	U			370	94	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Hexachloroethane	4/9/2012	19		Yes	N	U			19	2.8	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Isophorone	4/9/2012	19		Yes	N	U			19	2.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Hexachlorocyclopentadiene	4/9/2012	370		Yes	N	U	UJ	5	370	62	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Dibenzo(a,h)anthracene	4/9/2012	19		Yes	N	U			19	4.0	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Acenaphthene	4/9/2012	19		Yes	N	U			19	3.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Diethyl phthalate	4/9/2012	47		Yes	N	U			47	34	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Chlorophenyl phenyl ether	4/9/2012	19		Yes	N	U			19	4.9	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Chloro-3-methylphenol	4/9/2012	94		Yes	N	U			94	14	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzo(a)anthracene	4/9/2012	19		Yes	N	U			19	3.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Chrysene	4/9/2012	19		Yes	N	U			19	3.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	190		Yes	N	U			190	20	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4-Dinitrophenol	4/9/2012	800		Yes	N	U			800	100	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzo(a)pyrene	4/9/2012	19		Yes	N	U			19	5.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Di-n-butyl phthalate	4/9/2012	19		Yes	N	U			19	7.6	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	1-Methylnaphthalene	4/9/2012	19		Yes	N	U			19	2.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Acenaphthylene	4/9/2012	19		Yes	N	U			19	5.3	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	1,3-Dichlorobenzene	4/9/2012	19		Yes	N	U			19	2.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	1,2-Dichlorobenzene	4/9/2012	19		Yes	N	U			19	2.3	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Fluoranthene	4/9/2012	19		Yes	N	U			19	2.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Chloronaphthalene	4/9/2012	19		Yes	N	U			19	2.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Carbazole	4/9/2012	19		Yes	N	U			19	2.5	ug/kg

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Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Hexachlorobutadiene	4/9/2012	94		Yes	N	U			94	4.3	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Pentachlorophenol	4/9/2012	190		Yes	N	U	UJ	5	190	45	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4,6-Trichlorophenol	4/9/2012	94		Yes	N	U			94	21	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Nitroaniline	4/9/2012	94		Yes	N	U			94	17	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Nitrophenol	4/9/2012	94		Yes	N	U			94	36	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Methylnaphthalene	4/9/2012	19		Yes	N	U			19	2.9	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	3,3'-Dichlorobenzidine	4/9/2012	140		Yes	N	U			140	17	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Phenanthrene	4/9/2012	19		Yes	N	U			19	3.4	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Chlorophenol	4/9/2012	19		Yes	N	U			19	2.2	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4,5-Trichlorophenol	4/9/2012	94		Yes	N	U			94	20	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Nitrobenzene	4/9/2012	19		Yes	N	U			19	3.8	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	3-Nitroaniline	4/9/2012	94		Yes	N	U			94	21	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzo(b,j,k)fluoranthenes	4/9/2012	19		Yes	N	U			19	2.6	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Fluorene	4/9/2012	19		Yes	N	U			19	4.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	N-Nitrosodiphenylamine	4/9/2012	19		Yes	N	U			19	5.0	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Butylbenzyl phthalate	4/9/2012	19		Yes	N	U			19	5.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Naphthalene	4/9/2012	19		Yes	N	U			19	2.6	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4-Dimethylphenol	4/9/2012	37		Yes	N	U			37	3.2	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Indeno(1,2,3-c,d)pyrene	4/9/2012	19		Yes	N	U			19	4.4	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2-Methylphenol (o-Cresol)	4/9/2012	19		Yes	N	U			19	4.9	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Nitroaniline	4/9/2012	94		Yes	N	U			94	35	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Nitrophenol	4/9/2012	94		Yes	N	U	UJ	5	94	32	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Bromophenyl-phenyl ether	4/9/2012	19		Yes	N	U			19	4.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Methylphenol (p-Cresol)	4/9/2012	37		Yes	N	U			37	6.2	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	1,4-Dichlorobenzene	4/9/2012	19		Yes	N	U			19	2.7	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	4-Chloroaniline	4/9/2012	250		Yes	N	U			250	21	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,2'-Oxybis (1-chloropropane)	4/9/2012	19		Yes	N	U			19	3.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Phenol	4/9/2012	19		Yes	N	U			19	8.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	bis(2-Chloroethyl)ether	4/9/2012	19		Yes	N	U			19	3.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Dibenzofuran	4/9/2012	19		Yes	N	U			19	3.8	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzyl alcohol	4/9/2012	19		Yes	N	U			19	5.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Benzo(g,h,i)perylene	4/9/2012	19		Yes	N	U			19	4.1	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	bis(2-Chloroethoxy)methane	4/9/2012	19		Yes	N	U			19	1.9	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Dimethyl phthalate	4/9/2012	19		Yes	N	U			19	2.7	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Pyrene	4/9/2012	19		Yes	N	U			19	1.8	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4-Dinitrotoluene	4/9/2012	94		Yes	N	U			94	18	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	2,4-Dichlorophenol	4/9/2012	190		Yes	N	U			190	20	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	1,2,4-Trichlorobenzene	4/9/2012	19		Yes	N	U			19	3.3	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Anthracene	4/9/2012	19		Yes	N	U			19	4.2	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Hexachlorobenzene	4/9/2012	19		Yes	N	U			19	4.0	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Di-n-octyl phthalate	4/9/2012	19		Yes	N	U			19	5.5	ug/kg
JF-DGP2W-SO-20'-30'	12-5631-UO71Q	Bis(2-ethylhexyl) phthalate	4/9/2012	22		Yes	Y	J			23	14	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Chlorophenyl phenyl ether	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Pentachlorophenol	4/9/2012	1100		Yes	N	U	UJ	5	1100	270	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Hexachlorobutadiene	4/9/2012	560		Yes	N	U			560	25	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Carbazole	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	N-Nitrosodiphenylamine	4/9/2012	110		Yes	N	U			110	30	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Phenanthrene	4/9/2012	72		Yes	Y	J			110	20	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Di-n-butyl phthalate	4/9/2012	120		Yes	Y				110	46	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Diethyl phthalate	4/9/2012	280		Yes	N	U			280	200	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Acenaphthene	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzoic acid	4/9/2012	2200		Yes	N	U			2200	560	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Hexachlorocyclopentadiene	4/9/2012	2200		Yes	N	U	UJ	5	2200	370	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzo(b,j,k)fluoranthenes	4/9/2012	100		Yes	Y	J			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Hexachloroethane	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	N-Nitrosodi-N-propylamine	4/9/2012	110		Yes	N	U			110	19	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4,6-Trichlorophenol	4/9/2012	560		Yes	N	U			560	120	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Isophorone	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Methylphenol (o-Cresol)	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Nitrophenol	4/9/2012	560		Yes	N	U	UJ	5	560	190	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Nitroaniline	4/9/2012	560		Yes	N	U			560	210	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Butylbenzyl phthalate	4/9/2012	110		Yes	N	U			110	34	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	3-Nitroaniline	4/9/2012	560		Yes	N	U			560	130	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,6-Dinitrotoluene	4/9/2012	560		Yes	N	U			560	170	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4,5-Trichlorophenol	4/9/2012	560		Yes	N	U			560	120	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Nitrobenzene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	1,2-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Nitroaniline	4/9/2012	560		Yes	N	U			560	100	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	3,3'-Dichlorobenzidine	4/9/2012	840		Yes	N	U			840	99	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Chloronaphthalene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	17	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Naphthalene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	1-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Nitrophenol	4/9/2012	560		Yes	N	U			560	220	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2-Chlorophenol	4/9/2012	110		Yes	N	U			110	13	ug/kg

SDG: UO71

Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-0'-10'	12-5637-UO71W	bis(2-Chloroethyl)ether	4/9/2012	110		Yes	N	U			110	19	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzyl alcohol	4/9/2012	110		Yes	N	U			110	34	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Bromophenyl-phenyl ether	4/9/2012	110		Yes	N	U			110	28	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4-Dimethylphenol	4/9/2012	220		Yes	N	U			220	19	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Methylphenol (p-Cresol)	4/9/2012	220		Yes	N	U			220	37	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	1,4-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Chloroaniline	4/9/2012	1500		Yes	N	U			1500	120	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4-Dichlorophenol	4/9/2012	1100		Yes	N	U			1100	120	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Di-n-octyl phthalate	4/9/2012	110		Yes	N	U			110	33	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Phenol	4/9/2012	110		Yes	N	U			110	48	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	bis(2-Chloroethoxy)methane	4/9/2012	110		Yes	N	U			110	11	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Bis(2-ethylhexyl) phthalate	4/9/2012	140		Yes	N	U			140	81	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	1,2,4-Trichlorobenzene	4/9/2012	110		Yes	N	U			110	19	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Anthracene	4/9/2012	110		Yes	N	U			110	25	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Hexachlorobenzene	4/9/2012	110		Yes	N	U			110	24	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	4-Chloro-3-methylphenol	4/9/2012	560		Yes	N	U			560	84	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Fluorene	4/9/2012	110		Yes	N	U			110	24	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,2'-Oxybis (1-chloropropane)	4/9/2012	110		Yes	N	U			110	21	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Indeno(1,2,3-c,d)pyrene	4/9/2012	110		Yes	N	U			110	26	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4-Dinitrophenol	4/9/2012	4700		Yes	N	U			4700	620	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzo(a)pyrene	4/9/2012	110		Yes	N	U			110	30	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Chrysene	4/9/2012	95		Yes	Y	J			110	21	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	2,4-Dinitrotoluene	4/9/2012	560		Yes	N	U			560	110	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Acenaphthylene	4/9/2012	110		Yes	N	U			110	32	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Dibenzo(a,h)anthracene	4/9/2012	110		Yes	N	U			110	24	ug/kg

Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Fluoranthene	4/9/2012	95		Yes	Y	J			110	16	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	1100		Yes	N	U			1100	120	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzo(g,h,i)perylene	4/9/2012	110		Yes	N	U			110	25	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	1,3-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Dibenzofuran	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Benzo(a)anthracene	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Dimethyl phthalate	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-0'-10'	12-5637-UO71W	Pyrene	4/9/2012	84		Yes	Y	J			110	11	ug/kg

SDG: UO76

Analytical Method E200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Selenium	4/5/2012	0.5		Yes	N	U			0.5	0.11	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Selenium	4/5/2012	0.6		Yes	N	U			0.6	0.12	mg/kg

Analytical Method SW6010C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Barium	4/5/2012	48.3		Yes	Y		J	9	0.3	0.065	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Zinc	4/5/2012	372		Yes	Y				1	0.13	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Copper	4/5/2012	30.9		Yes	Y		J	8,9	0.2	0.054	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Cadmium	4/5/2012	0.2		Yes	Y				0.2	0.12	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Silver	4/5/2012	0.3		Yes	N	U			0.3	0.033	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Arsenic	4/5/2012	5		Yes	N	U			5	0.50	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Nickel	4/5/2012	31		Yes	Y				1	0.33	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Lead	4/5/2012	7		Yes	Y		J	9	2	0.14	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Antimony	4/5/2012	5		Yes	N	U	UJ	8	5	0.35	mg/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Chromium	4/5/2012	23.7		Yes	Y				0.5	0.29	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Zinc	4/5/2012	539		Yes	Y				1	0.14	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Copper	4/5/2012	28.8		Yes	Y		J	8,9	0.2	0.059	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Chromium	4/5/2012	35.9		Yes	Y				0.6	0.32	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Cadmium	4/5/2012	0.7		Yes	Y				0.2	0.13	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Barium	4/5/2012	34.4		Yes	Y		J		0.4	0.070	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Arsenic	4/5/2012	6		Yes	N	U			6	0.54	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Antimony	4/5/2012	6		Yes	N	U	UJ	8	6	0.37	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Nickel	4/5/2012	17		Yes	Y				1	0.35	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Lead	4/5/2012	23		Yes	Y		J	9	2	0.15	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Silver	4/5/2012	0.4		Yes	N	U			0.4	0.035	mg/kg

Analytical Method SW7471A

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Mercury	4/4/2012	0.02		Yes	N	U			0.02	0.0011	mg/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Mercury	4/4/2012	0.13		Yes	Y				0.02	0.0011	mg/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1262	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1016	4/10/2012	38		Yes	N	U			38	9.8	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1248	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1232	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1221	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1268	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1260	4/10/2012	86		Yes	Y				38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1242	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-00'-1.33'	12-5670-UO76H	Aroclor 1254	4/10/2012	80		Yes	Y				38	13	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1242	4/11/2012	1400		Yes	N	U			1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1260	4/11/2012	5700		Yes	Y				1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1268	4/11/2012	1400		Yes	N	U			1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1221	4/11/2012	1400		Yes	N	U			1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1232	4/11/2012	1400		Yes	N	U			1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1248	4/11/2012	10000		Yes	N	Y			10000	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1016	4/11/2012	1400		Yes	N	U			1400	350	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1254	4/11/2012	22000		Yes	Y				1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'	12-5675-UO76M	Aroclor 1262	4/11/2012	1400		Yes	N	U			1400	460	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1242	4/11/2012	1300		Yes	N	U			1300	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1254	4/11/2012	22000		Yes	Y				1300	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1268	4/11/2012	1300		Yes	N	U			1300	430	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1221	4/11/2012	1300		Yes	N	U			1300	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1232	4/11/2012	1300		Yes	N	U			1300	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1248	4/11/2012	13000		Yes	N	Y			13000	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1016	4/11/2012	1300		Yes	N	U			1300	320	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1262	4/11/2012	1300		Yes	N	U			1300	430	ug/kg
JF-DGP1-SO-13.2'-15.2'-D	12-5680-UO76R	Aroclor 1260	4/11/2012	5100		Yes	Y				1300	430	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1254	4/10/2012	130		Yes	Y				39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1262	4/10/2012	39		Yes	N	U			39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1016	4/10/2012	39		Yes	N	U			39	10	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1248	4/10/2012	49		Yes	N	Y			49	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1221	4/10/2012	39		Yes	N	U			39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1232	4/10/2012	39		Yes	N	U			39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1260	4/10/2012	49		Yes	Y				39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1242	4/10/2012	39		Yes	N	U			39	13	ug/kg
JF-DGP1-SO-16.5'-18.5'	12-5676-UO76N	Aroclor 1268	4/10/2012	39		Yes	N	U			39	13	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1016	4/11/2012	3.7		Yes	N	U			3.7	0.95	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1260	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1254	4/11/2012	3.4		Yes	Y	J			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1268	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1221	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1248	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1262	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1242	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-18.5'-19.8'	12-5677-UO76O	Aroclor 1232	4/11/2012	3.7		Yes	N	U			3.7	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1016	4/11/2012	3.9		Yes	N	U			3.9	0.99	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1254	4/11/2012	19		Yes	Y				3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1268	4/11/2012	3.9		Yes	N	U			3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1221	4/11/2012	3.9		Yes	N	U			3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1260	4/11/2012	4.4		Yes	Y				3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1248	4/11/2012	5.8		Yes	N	Y			5.8	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1262	4/11/2012	3.9		Yes	N	U			3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1242	4/11/2012	3.9		Yes	N	U			3.9	1.3	ug/kg
JF-DGP1-SO-19.8'-21.8'	12-5678-UO76P	Aroclor 1232	4/11/2012	3.9		Yes	N	U			3.9	1.3	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1016	4/10/2012	38		Yes	N	U			38	9.7	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1260	4/10/2012	100		Yes	Y				38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1254	4/10/2012	480		Yes	Y				38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1268	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1221	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1232	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1248	4/10/2012	95		Yes	N	Y			95	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1262	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-3.33'-4.66'	12-5671-UO76I	Aroclor 1242	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1242	4/11/2012	1200		Yes	N	U			1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1254	4/11/2012	21000		Yes	Y				1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1268	4/11/2012	1200		Yes	N	U			1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1221	4/11/2012	1200		Yes	N	U			1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1232	4/11/2012	1200		Yes	N	U			1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1248	4/11/2012	4800		Yes	N	Y			4800	400	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1016	4/11/2012	1200		Yes	N	U			1200	300	ug/kg
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1260	4/11/2012	3500		Yes	Y				1200	400	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP1-SO-6.6'-8.3'	12-5672-UO76J	Aroclor 1262	4/11/2012	1200		Yes	N	U			1200	400	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1248	4/9/2012	7400		Yes	N	Y			7400	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1254	4/9/2012	23000		Yes	Y				1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1268	4/9/2012	1800		Yes	N	U			1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1221	4/9/2012	1800		Yes	N	U			1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1232	4/9/2012	1800		Yes	N	U			1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1016	4/9/2012	1800		Yes	N	U			1800	470	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1242	4/9/2012	1800		Yes	N	U			1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1260	4/9/2012	3800		Yes	Y				1800	630	ug/kg
JF-DGP1-SO-6.6'-8.3'-D	12-5673-UO76K	Aroclor 1262	4/9/2012	1800		Yes	N	U			1800	630	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1248	4/9/2012	43000		Yes	N	Y			43000	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1242	4/9/2012	2100		Yes	N	U			2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1016	4/9/2012	2100		Yes	N	U			2100	540	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1232	4/9/2012	2100		Yes	N	U			2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1221	4/9/2012	2100		Yes	N	U			2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1268	4/9/2012	2100		Yes	N	U			2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1254	4/9/2012	110000		No	Y	E	R	22	2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1260	4/9/2012	13000		Yes	N	Y			13000	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76L	Aroclor 1262	4/9/2012	2100		Yes	N	U			2100	720	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1260	4/10/2012	13000		No	N	Y	R	22	13000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1242	4/10/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1262	4/10/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1016	4/10/2012	11000		No	N	U	R	22	11000	2700	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1248	4/10/2012	43000		No	N	Y	R	22	43000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1232	4/10/2012	11000		No	N	U	R	22	11000	3600	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1221	4/10/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1254	4/10/2012	99000		Yes	Y				11000	3600	ug/kg
JF-DGP1-SO-9.9'-11.5'	12-5674-UO76LDL	Aroclor 1268	4/10/2012	11000		No	N	U	R	22	11000	3600	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1242	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1262	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1016	4/10/2012	19		Yes	N	U			19	4.8	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1248	4/10/2012	53		Yes	Y				19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1232	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1221	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1268	4/10/2012	19		Yes	N	U			19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1254	4/10/2012	130		Yes	Y				19	6.4	ug/kg
JF-DGP5-SO-17'-19'	12-5663-UO76A	Aroclor 1260	4/10/2012	25		Yes	Y				19	6.4	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1232	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1260	4/10/2012	210		Yes	Y				38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1016	4/10/2012	38		Yes	N	U			38	9.8	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1248	4/10/2012	96		Yes	N	Y			96	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1221	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1268	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1254	4/10/2012	460		Yes	Y				38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1242	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP5-SO-19'-19.8'	12-5664-UO76B	Aroclor 1262	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1260	4/10/2012	460		Yes	Y				37	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1016	4/10/2012	37		Yes	N	U			37	9.5	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1248	4/10/2012	190		Yes	N	Y			190	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1232	4/10/2012	37		Yes	N	U			37	13	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1242	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1221	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1268	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1254	4/10/2012	840		Yes	Y				37	13	ug/kg
JF-DGP5-SO-20'-21.25'	12-5666-UO76D	Aroclor 1262	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1260	4/10/2012	280		Yes	Y				37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1268	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1221	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1232	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1248	4/10/2012	150		Yes	N	Y			150	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1016	4/10/2012	37		Yes	N	U			37	9.5	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1262	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1242	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-25'-27'	12-5667-UO76E	Aroclor 1254	4/10/2012	490		Yes	Y				37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1268	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1221	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1232	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1248	4/10/2012	93		Yes	N	Y			93	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1016	4/10/2012	37		Yes	N	U			37	9.5	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1262	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1242	4/10/2012	37		Yes	N	U			37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1260	4/10/2012	52		Yes	Y				37	13	ug/kg
JF-DGP5-SO-27'-27.5'	12-5668-UO76F	Aroclor 1254	4/10/2012	290		Yes	Y				37	13	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units

Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Bis(2-ethylhexyl) phthalate	4/9/2012	130		Yes	N	U			130	78	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Pyrene	4/9/2012	110		Yes	N	U			110	10	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4-Dinitrotoluene	4/9/2012	540		Yes	N	U			540	100	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4-Dichlorophenol	4/9/2012	1100		Yes	N	U			1100	120	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	1,2,4-Trichlorobenzene	4/9/2012	110		Yes	N	U			110	19	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Anthracene	4/9/2012	110		Yes	N	U			110	24	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Di-n-octyl phthalate	4/9/2012	110		Yes	N	U			110	31	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	1,3-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	bis(2-Chloroethoxy)methane	4/9/2012	110		Yes	N	U			110	11	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	bis(2-Chloroethyl)ether	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Phenol	4/9/2012	110		Yes	N	U			110	46	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,2'-Oxybis (1-chloropropane)	4/9/2012	110		Yes	N	U			110	20	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Chloroaniline	4/9/2012	1400		Yes	N	U			1400	120	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	1,4-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Hexachlorobenzene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Methylphenol (p-Cresol)	4/9/2012	220		Yes	N	U			220	36	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Fluoranthene	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Acenaphthylene	4/9/2012	110		Yes	N	U			110	31	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Chrysene	4/9/2012	120		Yes	Y				110	20	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzo(a)pyrene	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4-Dinitrophenol	4/9/2012	4600		Yes	N	U			4600	600	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Dibenzo(a,h)anthracene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Dibenzofuran	4/9/2012	110		Yes	N	U			110	22	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzo(b,j,k)fluoranthenes	4/9/2012	59		Yes	Y	J			110	15	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	1100		Yes	N	U			1100	110	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzoic acid	4/9/2012	2200		Yes	N	U			2200	540	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	N-Nitrosodi-N-propylamine	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,6-Dinitrotoluene	4/9/2012	540		Yes	N	U			540	160	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Chloro-3-methylphenol	4/9/2012	540		Yes	N	U			540	81	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzo(a)anthracene	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Indeno(1,2,3-c,d)pyrene	4/9/2012	110		Yes	N	U			110	25	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Dimethyl phthalate	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	1,2-Dichlorobenzene	4/9/2012	110		Yes	N	U			110	13	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Pentachlorophenol	4/9/2012	1100		Yes	N	U	UJ	5	1100	260	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Nitroaniline	4/9/2012	540		Yes	N	U			540	99	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Nitrophenol	4/9/2012	540		Yes	N	U			540	210	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	1-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Naphthalene	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Methylnaphthalene	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Chloronaphthalene	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Methylphenol (o-Cresol)	4/9/2012	110		Yes	N	U			110	28	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Hexachlorobutadiene	4/9/2012	540		Yes	N	U			540	25	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2-Chlorophenol	4/9/2012	110		Yes	N	U			110	13	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4,5-Trichlorophenol	4/9/2012	540		Yes	N	U			540	110	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Nitrobenzene	4/9/2012	110		Yes	N	U			110	22	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	3-Nitroaniline	4/9/2012	540		Yes	N	U			540	120	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzo(g,h,i)perylene	4/9/2012	110		Yes	N	U			110	24	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4-Dimethylphenol	4/9/2012	220		Yes	N	U			220	19	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	3,3'-Dichlorobenzidine	4/9/2012	810		Yes	N	U			810	96	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Di-n-butyl phthalate	4/9/2012	64		Yes	Y	J			110	44	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Hexachloroethane	4/9/2012	110		Yes	N	U			110	16	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Chlorophenyl phenyl ether	4/9/2012	110		Yes	N	U			110	28	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Hexachlorocyclopentadiene	4/9/2012	2200		Yes	N	U	UJ	5	2200	360	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Isophorone	4/9/2012	110		Yes	N	U			110	15	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	2,4,6-Trichlorophenol	4/9/2012	540		Yes	N	U			540	120	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Nitrophenol	4/9/2012	540		Yes	N	U	UJ	5	540	190	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Nitroaniline	4/9/2012	540		Yes	N	U			540	200	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Diethyl phthalate	4/9/2012	270		Yes	N	U			270	200	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Acenaphthene	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Phenanthrene	4/9/2012	110		Yes	N	U			110	20	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Butylbenzyl phthalate	4/9/2012	110		Yes	N	U			110	33	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	N-Nitrosodiphenylamine	4/9/2012	110		Yes	N	U			110	29	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Benzyl alcohol	4/9/2012	110		Yes	N	U			110	33	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Fluorene	4/9/2012	110		Yes	N	U			110	23	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	4-Bromophenyl-phenyl ether	4/9/2012	110		Yes	N	U			110	27	ug/kg
JF-DGP5W-SO-10'-20'	12-5665-UO76C	Carbazole	4/9/2012	110		Yes	N	U			110	14	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzo(a)anthracene	4/9/2012	55		Yes	N	U			55	9.0	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,6-Dinitrotoluene	4/9/2012	270		Yes	N	U			270	84	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	1,3-Dichlorobenzene	4/9/2012	55		Yes	N	U			55	7.2	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzoic acid	4/9/2012	1100		Yes	N	U			1100	280	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	N-Nitrosodi-N-propylamine	4/9/2012	55		Yes	N	U			55	9.2	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Chloro-3-methylphenol	4/9/2012	270		Yes	N	U			270	41	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Indeno(1,2,3-c,d)pyrene	4/9/2012	55		Yes	N	U			55	13	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4-Dichlorophenol	4/9/2012	550		Yes	N	U			550	59	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4-Dinitrotoluene	4/9/2012	270		Yes	N	U			270	53	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Nitroaniline	4/9/2012	270		Yes	N	U			270	50	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Pyrene	4/9/2012	30		Yes	Y	J			55	5.3	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Hexachloroethane	4/9/2012	55		Yes	N	U			55	8.0	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Dimethyl phthalate	4/9/2012	55		Yes	N	U			55	7.9	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzo(g,h,i)perylene	4/9/2012	55		Yes	N	U			55	12	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	4/9/2012	550		Yes	N	U			550	58	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Fluoranthene	4/9/2012	55		Yes	N	U			55	8.0	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Acenaphthylene	4/9/2012	55		Yes	N	U			55	16	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Chrysene	4/9/2012	55		Yes	N	U			55	10	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzo(a)pyrene	4/9/2012	55		Yes	N	U			55	15	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4-Dinitrophenol	4/9/2012	2300		Yes	N	U			2300	300	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Dibenzo(a,h)anthracene	4/9/2012	55		Yes	N	U			55	12	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Dibenzofuran	4/9/2012	55		Yes	N	U			55	11	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Nitrophenol	4/9/2012	270		Yes	N	U			270	110	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Bromophenyl-phenyl ether	4/9/2012	55		Yes	N	U			55	14	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	1,2,4-Trichlorobenzene	4/9/2012	55		Yes	N	U			55	9.5	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzo(b,j,k)fluoranthenes	4/9/2012	55		Yes	N	U			55	7.5	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	3-Nitroaniline	4/9/2012	270		Yes	N	U			270	62	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Nitrobenzene	4/9/2012	55		Yes	N	U			55	11	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4,5-Trichlorophenol	4/9/2012	270		Yes	N	U			270	59	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Chlorophenol	4/9/2012	55		Yes	N	U			55	6.5	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	1,2-Dichlorobenzene	4/9/2012	55		Yes	N	U			55	6.8	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Methylphenol (o-Cresol)	4/9/2012	55		Yes	N	U			55	14	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	3,3'-Dichlorobenzidine	4/9/2012	410		Yes	N	U			410	49	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Chloronaphthalene	4/9/2012	55		Yes	N	U			55	7.2	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2-Methylnaphthalene	4/9/2012	55		Yes	N	U			55	8.4	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Pentachlorophenol	4/9/2012	550		Yes	N	U	UJ	5	550	130	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	1-Methylnaphthalene	4/9/2012	55		Yes	N	U			55	7.3	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Chlorophenyl phenyl ether	4/9/2012	55		Yes	N	U			55	14	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4,6-Trichlorophenol	4/9/2012	270		Yes	N	U			270	61	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Hexachlorobutadiene	4/9/2012	270		Yes	N	U			270	13	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Carbazole	4/9/2012	55		Yes	N	U			55	7.4	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Fluorene	4/9/2012	55		Yes	N	U			55	12	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	N-Nitrosodiphenylamine	4/9/2012	55		Yes	N	U			55	15	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Butylbenzyl phthalate	4/9/2012	55		Yes	N	U			55	17	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Phenanthrene	4/9/2012	55		Yes	N	U			55	10	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Di-n-butyl phthalate	4/9/2012	38		Yes	Y	J			55	22	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Diethyl phthalate	4/9/2012	140		Yes	N	U			140	100	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Acenaphthene	4/9/2012	55		Yes	N	U			55	9.0	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Isophorone	4/9/2012	55		Yes	N	U			55	7.8	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Hexachlorocyclopentadiene	4/9/2012	1100		Yes	N	U	UJ	5	1100	180	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Naphthalene	4/9/2012	55		Yes	N	U			55	7.6	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Chloroaniline	4/9/2012	740		Yes	N	U			740	61	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Nitroaniline	4/9/2012	270		Yes	N	U			270	100	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Nitrophenol	4/9/2012	270		Yes	N	U	UJ	5	270	95	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Benzyl alcohol	4/9/2012	55		Yes	N	U			55	17	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,4-Dimethylphenol	4/9/2012	110		Yes	N	U			110	9.5	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	1,4-Dichlorobenzene	4/9/2012	55		Yes	N	U			55	7.8	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	4-Methylphenol (p-Cresol)	4/9/2012	110		Yes	N	U			110	18	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	2,2'-Oxybis (1-chloropropane)	4/9/2012	55		Yes	N	U			55	10	ug/kg

Analytical Method SW8270D

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Phenol	4/9/2012	55		Yes	N	U			55	24	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	bis(2-Chloroethyl)ether	4/9/2012	55		Yes	N	U			55	9.2	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	bis(2-Chloroethoxy)methane	4/9/2012	55		Yes	N	U			55	5.5	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Bis(2-ethylhexyl) phthalate	4/9/2012	120		Yes	Y				68	40	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Di-n-octyl phthalate	4/9/2012	55		Yes	N	U			55	16	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Hexachlorobenzene	4/9/2012	55		Yes	N	U			55	12	ug/kg
JF-DGP5W-SO-20'-30'	12-5669-UO76G	Anthracene	4/9/2012	55		Yes	N	U			55	12	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1248	4/10/2012	380		Yes	N	Y			380	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1242	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1262	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1016	4/10/2012	38		Yes	N	U			38	9.8	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1232	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1260	4/10/2012	82		Yes	Y				38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1268	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1254	4/10/2012	710		Yes	Y				38	13	ug/kg
JF-DGP4-SO-32'-34'	12-5693-UO77A	Aroclor 1221	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1242	4/10/2012	20		Yes	N	U			20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1260	4/10/2012	42		Yes	Y				20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1254	4/10/2012	240		Yes	Y				20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1268	4/10/2012	20		Yes	N	U			20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1221	4/10/2012	20		Yes	N	U			20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1232	4/10/2012	20		Yes	N	U			20	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1248	4/10/2012	78		Yes	N	Y			78	6.6	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1016	4/10/2012	20		Yes	N	U			20	5.0	ug/kg
JF-DGP6-SO-10'-12'	12-5700-UO77H	Aroclor 1262	4/10/2012	20		Yes	N	U			20	6.6	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1242	4/11/2012	2300		Yes	N	U			2300	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1254	4/11/2012	42000		Yes	Y				2300	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1268	4/11/2012	2300		Yes	N	U			2300	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1221	4/11/2012	2300		Yes	N	U			2300	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1232	4/11/2012	2300		Yes	N	U			2300	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1248	4/11/2012	12000		Yes	N	Y			12000	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1262	4/11/2012	2300		Yes	N	U			2300	790	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1260	4/11/2012	5200		Yes	N	Y			5200	790	ug/kg
JF-DGP6-SO-12'-14'	12-5701-UO77I	Aroclor 1016	4/11/2012	2300		Yes	N	U			2300	590	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1254	4/11/2012	96000		Yes	Y				4900	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1242	4/11/2012	4900		Yes	N	U			4900	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1262	4/11/2012	4900		Yes	N	U			4900	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1016	4/11/2012	4900		Yes	N	U			4900	1300	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1248	4/11/2012	25000		Yes	N	Y			25000	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1232	4/11/2012	4900		Yes	N	U			4900	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1268	4/11/2012	4900		Yes	N	U			4900	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1260	4/11/2012	15000		Yes	N	Y			15000	1700	ug/kg
JF-DGP6-SO-15'-17'	12-5702-UO77J	Aroclor 1221	4/11/2012	4900		Yes	N	U			4900	1700	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1221	4/11/2012	3000		Yes	N	U			3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1262	4/11/2012	3000		Yes	N	U			3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1016	4/11/2012	3000		Yes	N	U			3000	770	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1242	4/11/2012	3000		Yes	N	U			3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1268	4/11/2012	3000		Yes	N	U			3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1254	4/11/2012	43000		Yes	Y				3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1260	4/11/2012	9700		Yes	Y				3000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1248	4/11/2012	15000		Yes	N	Y			15000	1000	ug/kg
JF-DGP6-SO-17'-19'	12-5703-UO77K	Aroclor 1232	4/11/2012	3000		Yes	N	U			3000	1000	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1248	4/10/2012	4600		Yes	N	Y			4600	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1260	4/10/2012	2200		Yes	Y				230	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1254	4/10/2012	11000		Yes	Y				230	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1268	4/10/2012	230		Yes	N	U			230	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1232	4/10/2012	230		Yes	N	U			230	77	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1016	4/10/2012	230	Yes	N	U			230	58	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1262	4/10/2012	230	Yes	N	U			230	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1242	4/10/2012	230	Yes	N	U			230	77	ug/kg
JF-DGP6-SO-20'-22'	12-5704-UO77L	Aroclor 1221	4/10/2012	230	Yes	N	U			230	77	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1254	4/11/2012	74	Yes	Y				3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1260	4/11/2012	15	Yes	Y				3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1268	4/11/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1221	4/11/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1232	4/11/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1248	4/11/2012	47	Yes	N	Y			47	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1016	4/11/2012	3.8	Yes	N	U			3.8	0.96	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1262	4/11/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP6-SO-22'-24'	12-5705-UO77M	Aroclor 1242	4/11/2012	3.8	Yes	N	U			3.8	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1254	4/11/2012	4	Yes	Y				3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1221	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1232	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1248	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1016	4/11/2012	3.9	Yes	N	U			3.9	0.99	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1262	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1260	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1242	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-24'-24.5'	12-5706-UO77N	Aroclor 1268	4/11/2012	3.9	Yes	N	U			3.9	1.3	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1260	4/10/2012	140	Yes	Y				38	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1254	4/10/2012	780	Yes	Y				38	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1221	4/10/2012	38	Yes	N	U			38	13	ug/kg

Analytical Method SW8082

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1232	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1248	4/10/2012	280		Yes	N	Y			280	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1016	4/10/2012	38		Yes	N	U			38	9.6	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1262	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1242	4/10/2012	38		Yes	N	U			38	13	ug/kg
JF-DGP6-SO-25'-27'	12-5707-UO77O	Aroclor 1268	4/10/2012	38		Yes	N	U			38	13	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	Naphthalene	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.68	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.42	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dichlorodifluoromethane	4/3/2012	1.6		Yes	N	U	UJ	5,13	1.6	0.33	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2-Trichlorotrifluoroethane	4/3/2012	3.2		Yes	N	U	UJ	13	3.2	0.45	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloropropane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.26	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Butanone (MEK)	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.81	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2-Trichloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.45	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Trichloroethene (TCE)	4/3/2012	8.4		Yes	Y	M	J	13	1.6	0.34	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2,2-Tetrachloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.40	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Hexachlorobutadiene	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.65	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloroethene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.53	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	o-Xylene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.35	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Chlorotoluene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.47	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichlorobenzene	4/3/2012	19		Yes	Y	M	J	13	1.6	0.46	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,4-Trimethylbenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.36	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dibromo-3-chloropropane	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.93	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,3-Trichloropropane	4/3/2012	3.2		Yes	N	U	UJ	13	3.2	0.82	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	tert-Butylbenzene	4/3/2012	3.5		Yes	Y	M	J	13	1.6	0.48	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Isopropylbenzene (Cumene)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethene, cis-	4/3/2012	8.5		Yes	Y		J	13	1.6	0.38	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,3-Trichlorobenzene	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.48	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Vinyl acetate	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.60	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	m,p-Xylene	4/3/2012	2.8		Yes	Y	M	J	13	1.6	0.62	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.32	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.33	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Methyl tert-butyl ether (MTBE)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Tetrachloroethene (PCE)	4/3/2012	2.9		Yes	Y		J	13	1.6	0.41	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dibromochloromethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.42	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,4-Trichlorobenzene	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.53	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Chloroethylvinyl ether	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.44	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	trans-1,4-Dichloro-2-butene	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.69	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chlorobenzene	4/3/2012	19		Yes	Y		J	13	1.6	0.35	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Toluene	4/3/2012	1.8		Yes	Y	M	J	13	1.6	0.24	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromobenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.24	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichlorobenzene	4/3/2012	2.9		Yes	Y	M	J	13	1.6	0.36	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.66	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethene, trans-	4/3/2012	9.3		Yes	Y		J	13	1.6	0.42	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acrylonitrile	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	1.6	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.30	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acrolein	4/3/2012	79		Yes	N	U	UJ	13	79	6.0	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.28	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,4-Dichlorobenzene	4/3/2012	5.1		Yes	Y	M	J	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	4-Chlorotoluene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.44	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	n-Butylbenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.41	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	n-Propylbenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.43	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropene, trans-	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.34	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropene, cis-	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.36	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Styrene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.22	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Ethylbenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.32	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.40	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloropropene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.49	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.34	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromodichloromethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.40	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromoform (Tribromomethane)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.47	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Carbon disulfide	4/3/2012	7.5		Yes	Y		J	13	1.6	0.88	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dichloromethane (Methylene chloride)	4/3/2012	3.9		Yes	N	B	UJ	7,13	3.2	1.0	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Vinyl chloride	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.73	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromochloromethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.51	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromoethane	4/3/2012	3.2		Yes	N	U	UJ	13	3.2	0.70	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dibromomethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.23	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2,2-Dichloropropane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.46	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	sec-Butylbenzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.38	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Hexanone (Methyl butyl ketone)	4/3/2012	7.9		Yes	N	U	UJ	13	7.9	0.69	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,1,2-Tetrachloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acetone	4/3/2012	100		Yes	Y	B	J	13	7.9	0.76	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloroform	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,1-Trichloroethane	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.36	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromomethane (Methyl Bromide)	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.30	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloromethane	4/3/2012	1.6		Yes	N	U	UJ	5,13	1.6	0.42	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Benzene	4/3/2012	1.6		Yes	N	U	UJ	13	1.6	0.47	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Iodomethane (Methyl iodide)	4/3/2012	3.6		Yes	Y		J	13	1.6	0.34	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2-Trichloroethane	4/9/2012	120		No	N	U	R	22	120	56	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Chlorotoluene	4/9/2012	120		No	N	U	R	22	120	84	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	o-Xylene	4/9/2012	120		No	N	U	R	22	120	69	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Naphthalene	4/9/2012	600		No	N	U	R	22	600	140	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Hexachlorobutadiene	4/9/2012	600		No	N	U	R	22	600	140	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,3-Trichlorobenzene	4/9/2012	600		No	N	U	R	22	600	150	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Butanone (MEK)	4/9/2012	600		No	N	U	R	22	600	260	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Trichloroethene (TCE)	4/9/2012	190		No	Y		R	22	120	41	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichlorobenzene	4/9/2012	120		No	N	U	R	22	120	65	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloropropane	4/9/2012	120		No	N	U	R	22	120	62	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	n-Propylbenzene	4/9/2012	120		No	N	U	R	22	120	78	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2,2-Tetrachloroethane	4/9/2012	120		No	N	U	R	22	120	65	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dibromo-3-chloropropane	4/9/2012	600		No	N	U	R	22	600	200	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	tert-Butylbenzene	4/9/2012	120		No	N	U	R	22	120	84	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Isopropylbenzene (Cumene)	4/9/2012	120		No	N	U	R	22	120	73	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	4-Isopropyltoluene (4-Cymene)	4/9/2012	120		No	N	U	R	22	120	92	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Ethylbenzene	4/9/2012	120		No	N	U	R	22	120	56	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	n-Butylbenzene	4/9/2012	120		No	N	U	R	22	120	110	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropene, trans-	4/9/2012	120		No	N	U	R	22	120	69	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropene, cis-	4/9/2012	120		No	N	U	R	22	120	65	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Styrene	4/9/2012	120		No	N	U	R	22	120	75	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,2-Trichlorotrifluoroethane	4/9/2012	240		No	N	U	R	22	240	59	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,4-Trimethylbenzene	4/9/2012	120		No	N	U	R	22	120	73	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,4-Dichlorobenzene	4/9/2012	120		No	N	U	R	22	120	88	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	4-Chlorotoluene	4/9/2012	120		No	N	U	R	22	120	98	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,3-Trichloropropane	4/9/2012	240		No	N	U	R	22	240	240	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Carbon tetrachloride (Tetrachloromethane)	4/9/2012	120		No	N	U	R	22	120	59	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichlorobenzene	4/9/2012	120		No	N	U	R	22	120	80	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	m,p-Xylene	4/9/2012	120		No	N	U	R	22	120	120	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Methyl tert-butyl ether (MTBE)	4/9/2012	120		No	N	U	R	22	120	75	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethene, trans-	4/9/2012	120		No	N	U	R	22	120	58	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethene, cis-	4/9/2012	120		No	N	U	R	22	120	57	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3-Dichloropropane	4/9/2012	120		No	N	U	R	22	120	79	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	sec-Butylbenzene	4/9/2012	120		No	N	U	R	22	120	91	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Tetrachloroethene (PCE)	4/9/2012	120		No	N	U	R	22	120	56	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dibromochloromethane	4/9/2012	120		No	N	U	R	22	120	62	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloropropene	4/9/2012	120		No	N	U	R	22	120	84	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Chloroethylvinyl ether	4/9/2012	600		No	N	U	R	22	600	200	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2,4-Trichlorobenzene	4/9/2012	600		No	N	U	R	22	600	170	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chlorobenzene	4/9/2012	120		No	N	U	R	22	120	57	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Toluene	4/9/2012	120		No	N	U	R	22	120	110	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromobenzene	4/9/2012	120		No	N	U	R	22	120	40	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Med Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	1,3,5-Trimethylbenzene (Mesitylene)	4/9/2012	120	No	N	U	R	22	120	88	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/9/2012	600	No	N	U	R	22	600	520	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Vinyl acetate	4/9/2012	600	No	N	U	R	22	600	58	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acrylonitrile	4/9/2012	600	No	N	U	R	22	600	45	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dichloroethane	4/9/2012	120	No	N	U	R	22	120	47	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acrolein	4/9/2012	6000	No	N	U	R	22	6000	360	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,2-Dibromoethane (Ethylene dibromide)	4/9/2012	120	No	N	U	R	22	120	69	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dichlorodifluoromethane	4/9/2012	120	No	N	U	R	22	120	74	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Dichloromethane (Methylene chloride)	4/9/2012	450	No	Y	B	R	22	240	86	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	trans-1,4-Dichloro-2-butene	4/9/2012	600	No	N	U	R	22	600	12	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2-Hexanone (Methyl butyl ketone)	4/9/2012	600	No	N	U	R	22	600	64	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Trichlorofluoromethane (Fluorotrichloromethane)	4/9/2012	120	No	N	U	R	22	120	47	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloroethene	4/9/2012	120	No	N	U	R	22	120	62	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1-Dichloroethane	4/9/2012	120	No	N	U	R	22	120	55	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromodichloromethane	4/9/2012	120	No	N	U	R	22	120	59	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Carbon disulfide	4/9/2012	87	No	Y	J	R	22	120	38	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Vinyl chloride	4/9/2012	120	No	N	U	R	22	120	61	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloroethane	4/9/2012	120	No	N	U	R	22	120	74	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromochloromethane	4/9/2012	120	No	N	U	R	22	120	58	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromoethane	4/9/2012	240	No	N	U	R	22	240	36	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Acetone	4/9/2012	600	No	N	U	R	22	600	570	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	2,2-Dichloropropane	4/9/2012	120	No	N	U	R	22	120	94	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromoform (Tribromomethane)	4/9/2012	120	No	N	U	R	22	120	66	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,1,2-Tetrachloroethane	4/9/2012	120	No	N	U	R	22	120	88	ug/kg

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-18.5'	12-5695-UO77C	Dibromomethane	4/9/2012	120		No	N	U	R	22	120	90	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloroform	4/9/2012	120		No	N	U	R	22	120	46	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Benzene	4/9/2012	120		No	N	U	R	22	120	43	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	1,1,1-Trichloroethane	4/9/2012	120		No	N	U	R	22	120	37	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Bromomethane (Methyl Bromide)	4/9/2012	120		No	N	U	R	22	120	120	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Chloromethane	4/9/2012	120		No	N	U	R	22	120	60	ug/kg
JF-DGP6-SO-18.5'	12-5695-UO77C	Iodomethane (Methyl iodide)	4/9/2012	92		No	Y	J	R	22	120	71	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1-Dichloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.28	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1,2-Trichloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.40	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	2-Butanone (MEK)	4/3/2012	8.5		Yes	Y				6.9	0.71	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dichloropropane	4/3/2012	1.4		Yes	N	U			1.4	0.22	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1,2-Trichlorotrifluoroethane	4/3/2012	2.8		Yes	N	U			2.8	0.40	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Dichlorodifluoromethane	4/3/2012	1.4		Yes	N	U	UJ	5	1.4	0.29	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromodichloromethane	4/3/2012	1.4		Yes	N	U			1.4	0.35	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1-Dichloroethene	4/3/2012	1.4		Yes	N	U			1.4	0.47	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Trichloroethene (TCE)	4/3/2012	3.8		Yes	Y	M			1.4	0.29	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromoform (Tribromomethane)	4/3/2012	1.4		Yes	N	U			1.4	0.41	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Carbon disulfide	4/3/2012	15		Yes	Y				1.4	0.77	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	4-Isopropyltoluene (4-Cymene)	4/3/2012	1.4		Yes	N	U			1.4	0.33	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Trichlorofluoromethane (Fluorotrichloromethane)	4/3/2012	1.4		Yes	N	U			1.4	0.37	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1,2,2-Tetrachloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.35	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2,3-Trichlorobenzene	4/3/2012	6.9		Yes	N	U			6.9	0.42	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Hexachlorobutadiene	4/3/2012	6.9		Yes	N	U			6.9	0.57	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Naphthalene	4/3/2012	6.9		Yes	N	U			6.9	0.59	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	o-Xylene	4/3/2012	1.4		Yes	N	U			1.4	0.31	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-21'	12-5696-UO77D	2-Chlorotoluene	4/3/2012	1.4		Yes	N	U			1.4	0.42	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dichlorobenzene	4/3/2012	5.6		Yes	Y	M			1.4	0.41	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2,4-Trimethylbenzene	4/3/2012	1.4		Yes	N	U			1.4	0.32	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dibromo-3-chloropropane	4/3/2012	6.9		Yes	N	U			6.9	0.81	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2,3-Trichloropropane	4/3/2012	2.8		Yes	N	U			2.8	0.72	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Isopropylbenzene (Cumene)	4/3/2012	1.4		Yes	N	U			1.4	0.32	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dibromoethane (Ethylene dibromide)	4/3/2012	1.4		Yes	N	U			1.4	0.24	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Dichloromethane (Methylene chloride)	4/3/2012	3.6		Yes	N	B	U	7	2.8	0.88	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	tert-Butylbenzene	4/3/2012	1.3		Yes	Y	J			1.4	0.42	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Acrylonitrile	4/3/2012	6.9		Yes	N	U			6.9	1.4	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dichloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.26	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Dibromochloromethane	4/3/2012	1.4		Yes	N	U			1.4	0.37	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2,4-Trichlorobenzene	4/3/2012	6.9		Yes	N	U			6.9	0.46	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	2-Chloroethylvinyl ether	4/3/2012	6.9		Yes	N	U			6.9	0.38	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	trans-1,4-Dichloro-2-butene	4/3/2012	6.9		Yes	N	U			6.9	0.61	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Chlorobenzene	4/3/2012	4.6		Yes	Y				1.4	0.30	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Toluene	4/3/2012	1.3		Yes	Y	J			1.4	0.21	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromobenzene	4/3/2012	1.4		Yes	N	U			1.4	0.21	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,3,5-Trimethylbenzene (Mesitylene)	4/3/2012	1.4		Yes	N	U			1.4	0.35	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	sec-Butylbenzene	4/3/2012	1.8		Yes	Y	M			1.4	0.33	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Vinyl acetate	4/3/2012	6.9		Yes	N	U			6.9	0.53	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,3-Dichloropropane	4/3/2012	1.4		Yes	N	U			1.4	0.29	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Acrolein	4/3/2012	69		Yes	N	U			69	5.3	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,4-Dichlorobenzene	4/3/2012	1.4		Yes	Y	M			1.4	0.32	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	4-Chlorotoluene	4/3/2012	1.4		Yes	N	U			1.4	0.38	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-21'	12-5696-UO77D	n-Butylbenzene	4/3/2012	1.4		Yes	N	U			1.4	0.36	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	n-Propylbenzene	4/3/2012	1.4		Yes	N	U			1.4	0.38	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,3-Dichloropropene, trans-	4/3/2012	1.4		Yes	N	U			1.4	0.30	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,3-Dichloropropene, cis-	4/3/2012	1.4		Yes	N	U			1.4	0.31	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Styrene	4/3/2012	1.4		Yes	N	U			1.4	0.19	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Ethylbenzene	4/3/2012	1.4		Yes	N	U			1.4	0.28	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/3/2012	6.9		Yes	N	U			6.9	0.58	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1,1,2-Tetrachloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.32	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Chloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.64	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromochloromethane	4/3/2012	1.4		Yes	N	U			1.4	0.45	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromoethane	4/3/2012	2.8		Yes	N	U			2.8	0.61	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Dibromomethane	4/3/2012	1.4		Yes	N	U			1.4	0.20	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Iodomethane (Methyl iodide)	4/3/2012	1.4		Yes	N	U			1.4	0.30	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Chloromethane	4/3/2012	1.4		Yes	N	U	UJ	5	1.4	0.36	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Bromomethane (Methyl Bromide)	4/3/2012	1.4		Yes	N	U			1.4	0.26	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1,1-Trichloroethane	4/3/2012	1.4		Yes	N	U			1.4	0.31	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Benzene	4/3/2012	1.4		Yes	N	U			1.4	0.41	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Tetrachloroethene (PCE)	4/3/2012	1.4		Yes	N	U			1.4	0.36	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Acetone	4/3/2012	62		Yes	Y	B			6.9	0.67	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Vinyl chloride	4/3/2012	1.4		Yes	N	U			1.4	0.33	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	2,2-Dichloropropane	4/3/2012	1.4		Yes	N	U			1.4	0.40	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	2-Hexanone (Methyl butyl ketone)	4/3/2012	6.9		Yes	N	U			6.9	0.61	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,1-Dichloropropene	4/3/2012	1.4		Yes	N	U			1.4	0.43	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Carbon tetrachloride (Tetrachloromethane)	4/3/2012	1.4		Yes	N	U			1.4	0.30	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-21'	12-5696-UO77D	1,3-Dichlorobenzene	4/3/2012	1.1	Yes	Y	J			1.4	0.31	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	m,p-Xylene	4/3/2012	1.4	Yes	N	U			1.4	0.54	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Methyl tert-butyl ether (MTBE)	4/3/2012	1.4	Yes	N	U			1.4	0.32	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dichloroethene, trans-	4/3/2012	0.7	Yes	Y	J			1.4	0.37	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	1,2-Dichloroethene, cis-	4/3/2012	1.4	Yes	Y				1.4	0.33	ug/kg
JF-DGP6-SO-21'	12-5696-UO77D	Chloroform	4/3/2012	1.4	Yes	N	U			1.4	0.32	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	m,p-Xylene	4/9/2012	75	Yes	N	U			75	75	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Chlorobenzene	4/9/2012	75	Yes	N	U			75	36	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	trans-1,4-Dichloro-2-butene	4/9/2012	380	Yes	N	U			380	7.5	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	2-Chloroethylvinyl ether	4/9/2012	380	Yes	N	U			380	130	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2,4-Trichlorobenzene	4/9/2012	380	Yes	N	U	UJ	5	380	100	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Dibromochloromethane	4/9/2012	75	Yes	N	U			75	38	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Tetrachloroethene (PCE)	4/9/2012	75	Yes	N	U			75	35	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	sec-Butylbenzene	4/9/2012	75	Yes	N	U			75	57	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,3-Dichloropropane	4/9/2012	75	Yes	N	U			75	49	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dichloroethene, cis-	4/9/2012	75	Yes	N	U			75	35	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Toluene	4/9/2012	75	Yes	N	U			75	69	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Methyl tert-butyl ether (MTBE)	4/9/2012	75	Yes	N	U			75	46	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Vinyl acetate	4/9/2012	380	Yes	N	U			380	36	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,3-Dichlorobenzene	4/9/2012	75	Yes	N	U			75	50	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Carbon tetrachloride (Tetrachloromethane)	4/9/2012	75	Yes	N	U			75	37	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dichloroethene, trans-	4/9/2012	75	Yes	N	U			75	36	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dibromoethane (Ethylene dibromide)	4/9/2012	75	Yes	N	U			75	43	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Ethylbenzene	4/9/2012	75	Yes	N	U			75	35	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-26'	12-5709-UO77Q	Styrene	4/9/2012	75		Yes	N	U			75	47	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,3-Dichloropropene, cis-	4/9/2012	75		Yes	N	U			75	40	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,3-Dichloropropene, trans-	4/9/2012	75		Yes	N	U			75	43	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	n-Propylbenzene	4/9/2012	75		Yes	N	U			75	48	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	n-Butylbenzene	4/9/2012	75		Yes	N	U	UJ	5	75	68	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,3,5-Trimethylbenzene (Mesitylene)	4/9/2012	75		Yes	N	U			75	55	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,4-Dichlorobenzene	4/9/2012	75		Yes	N	U			75	55	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromobenzene	4/9/2012	75		Yes	N	U			75	25	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Acrolein	4/9/2012	3800		Yes	N	U			3800	220	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dichloroethane	4/9/2012	75		Yes	N	U			75	29	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Acrylonitrile	4/9/2012	380		Yes	N	U			380	28	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	2,2-Dichloropropane	4/9/2012	75		Yes	N	U			75	58	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Methyl isobutyl ketone (4-Methyl-2-pentanone or (MIBK))	4/9/2012	380		Yes	N	U			380	320	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	2-Hexanone (Methyl butyl ketone)	4/9/2012	380		Yes	N	U			380	40	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	4-Chlorotoluene	4/9/2012	75		Yes	N	U			75	61	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Naphthalene	4/9/2012	380		Yes	N	U			380	89	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1-Dichloropropene	4/9/2012	75		Yes	N	U			75	52	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1,2-Trichlorotrifluoroethane	4/9/2012	150		Yes	N	U			150	37	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dichloropropane	4/9/2012	75		Yes	N	U			75	39	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	2-Butanone (MEK)	4/9/2012	380		Yes	N	U			380	160	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1,2-Trichloroethane	4/9/2012	75		Yes	N	U			75	35	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Trichloroethene (TCE)	4/9/2012	75		Yes	N	U			75	25	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1,2,2-Tetrachloroethane	4/9/2012	75		Yes	N	U			75	41	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Trichlorofluoromethane (Fluorotrichloromethane)	4/9/2012	75		Yes	N	U	UJ	5	75	29	ug/kg

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Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res	Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-26'	12-5709-UO77Q	Hexachlorobutadiene	4/9/2012	380		Yes	N	U	UJ	5	380	87	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1-Dichloroethene	4/9/2012	75		Yes	N	U			75	39	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	o-Xylene	4/9/2012	75		Yes	N	U			75	43	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	2-Chlorotoluene	4/9/2012	75		Yes	N	U			75	53	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dichlorobenzene	4/9/2012	75		Yes	N	U			75	41	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2,4-Trimethylbenzene	4/9/2012	75		Yes	N	U			75	45	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2-Dibromo-3-chloropropane	4/9/2012	380		Yes	N	U			380	120	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2,3-Trichloropropane	4/9/2012	150		Yes	N	U			150	150	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	tert-Butylbenzene	4/9/2012	75		Yes	N	U			75	52	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Isopropylbenzene (Cumene)	4/9/2012	75		Yes	N	U			75	45	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,2,3-Trichlorobenzene	4/9/2012	380		Yes	N	U			380	92	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromoethane	4/9/2012	150		Yes	N	U			150	23	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1,1,2-Tetrachloroethane	4/9/2012	75		Yes	N	U			75	55	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Acetone	4/9/2012	380		Yes	N	U	UJ	5	380	350	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Chloroform	4/9/2012	75		Yes	N	U			75	29	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Benzene	4/9/2012	75		Yes	N	U			75	27	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1,1-Trichloroethane	4/9/2012	75		Yes	N	U			75	23	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromomethane (Methyl Bromide)	4/9/2012	34		Yes	Y	J			75	75	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Chloromethane	4/9/2012	75		Yes	N	U			75	37	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Dichlorodifluoromethane	4/9/2012	75		Yes	N	U			75	46	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Dibromomethane	4/9/2012	75		Yes	N	U			75	56	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	4-Isopropyltoluene (4-Cymene)	4/9/2012	75		Yes	N	U	UJ	5	75	58	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromochloromethane	4/9/2012	75		Yes	N	U			75	36	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Chloroethane	4/9/2012	75		Yes	N	U			75	46	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Vinyl chloride	4/9/2012	75		Yes	N	U			75	38	ug/kg

SDG: UO77

Analytical Method SW8260C

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Mod Res Report	Detect	Lab Qual	Val Qual	Reason	RL	MDL	Units
JF-DGP6-SO-26'	12-5709-UO77Q	Dichloromethane (Methylene chloride)	4/9/2012	210	Yes	N	B	U	7	150	54	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Carbon disulfide	4/9/2012	75	Yes	N	U			75	24	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromoform (Tribromomethane)	4/9/2012	75	Yes	N	U			75	41	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Bromodichloromethane	4/9/2012	75	Yes	N	U			75	37	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	1,1-Dichloroethane	4/9/2012	75	Yes	N	U			75	34	ug/kg
JF-DGP6-SO-26'	12-5709-UO77Q	Iodomethane (Methyl iodide)	4/9/2012	43	Yes	Y	J			75	44	ug/kg

The attached zipped file contains two files:

File	Format	Description
1) Readme_Jorgensen_050312.docx	MS Word 2007	A "Readme" file (this document).
2) JFOS_UO31_UO71_UO76_UO77_validEDD20120416LDC.xlsx	MS Excel 2007	A spreadsheet for the following SDG(s): UO31 27475A UO71/UO76 27475B UO77 57475C

Although a 100% verification of the EDD was not performed, LDC observed the following discrepancies between hardcopy data packages and the electronic data deliverables:

SDG/File	Analytical Method	Discrepancy	LDC's approach to the discrepancy
UO71/UO76	6010B	ICP metals (Method 6010B on hardcopy) is reported as 6010C in the EDD.	LDC made no changes in the EDD to the method. Validation qualifiers were applied, as needed.

Please contact Ming Hwang or Becky Coan at (760) 634-0437 if you have any questions regarding this electronic data submittal.