Site Name: Ogeechee River Response
START Project Number (No.): TTEMI-05-001-0158
Data Reviewer: Jessica A. Vickers
Report Date: June 3, 2011

On May 21, 2011, the Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) was requested by the Environmental Protection Agency (EPA) Region 4, Emergency Response and Removal Branch to support the Georgia Department of Natural Resources (GADNR) investigating a fill kill on the Ogeechee River near Sylvania, Georgia. At EPA's direction, river samples were collected at five accessible stations along the river bank and sent off for analysis.

Tetra Tech EM Inc. conducted data validation of the analytical results for three sediment samples, six surface water samples (including one upstream/background sample), and two trip blank samples that were collected from the Ogeechee River in Sylvania, Georgia, on May 22 and 23, 2011. The sediment and surface water samples were submitted to TestAmerica Laboratories, Inc. (TA), of Savannah, Georgia. Formaldehyde analyses were subcontracted to TA's Tallahassee, Florida location. The samples were analyzed for the following analyses.

Analysis	Method	Surface Water	Sediment
Volatile organic compounds	SW-846 Method 8260B	X	X
Semivolatile organic compounds (SVOCs)	SW-846 Method 8270C	X	X
Pesticides	SW-846 Method 8081A	X	X
Polychlorinated biphenyls	SW-846 Method 8082	X	X
Herbicides	SW-846 Method 8151A	X	X
Formaldehyde	SW-846 Method 8315A	X	X
Metals	SW-846 Methods 6020 and 7470A	X	
Metals	SW-846 Methods 6020 and 7471A		X
Chloride and sulfate	MCAWW Method 300.0	X	X
Ammonium ion	FL-DEP Method	X	
Ammonia nitrogen	MCAWW Method 350.1	X	X
Total Kjeldahl nitrogen	MCAWW Method 351.2	X	X
Nitrate/nitrite nitrogen	MCAWW Method 353.2	X	X
Total phosphorus	MCAWW Method 365.4	X	X
Sulfide	SW-846 Method 9034		X
Sulfide	SM 4500 S2 F	X	
pH	SW-846 Method 9045C		X
pH	SM 4500 H+ B	X	
Residual chlorine	SM 4500 Cl B	X	
Dissolved oxygen	SM 4500 O C	X	
Sulfite	SM 4500 SO3 B	X	
Biological oxygen demand	SM 5210B	X	
Chemical oxygen demand	SM 5220D	X	

The analytical methods came from one of the following documents: Methods for Chemical Analysis of Water and Wastes (MCAWW), Standard Methods (SM) 18th Edition, or Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846). The ammonium ion analyses were performed in accordance with Florida Department of Environmental Protection (FL-DEP) method.

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A Stage 2A review of the analytical data associated with the samples collected was performed in accordance with the Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines (NFG) for Superfund Organic Methods Data Review (June 2008) and the EPA CLP NFG for Inorganic Superfund Data Review (January 2010).

For the sediment samples, of the quality control (QC) issues observed, only the following results qualifications were required. For all three sediment samples, the SVOC bis(2-ethylhexyl)phthalate results were qualified as non-detect, and the pesticide 4,4'-DDT results were qualified as estimated with a possible high bias due to laboratory method blank contamination. The pesticide results for sample OR-06-SD-03 were qualified as estimated with a possible low bias due to surrogate recoveries below the acceptance criteria. The herbicide mecoprop results for the sediment samples were qualified as estimated with a possible low bias due to a laboratory control sample (LCS) recovery below the acceptance criteria. SVOCs fluoranthene and pyrene results for sample OR-06-SD-03 were qualified as estimated with a possible high bias due to matrix spike/matrix spike duplicate (MS/MSD) recoveries above the acceptance criteria. Metals aluminum, barium, and sodium results for sample OR-04-SD-01 were qualified as estimated with a possible high bias due to MS/MSD recoveries above the acceptance criteria, while cadmium, cobalt, and lead results were qualified as estimated with an unknown bias due to relative percent difference (RPD) exceedances.

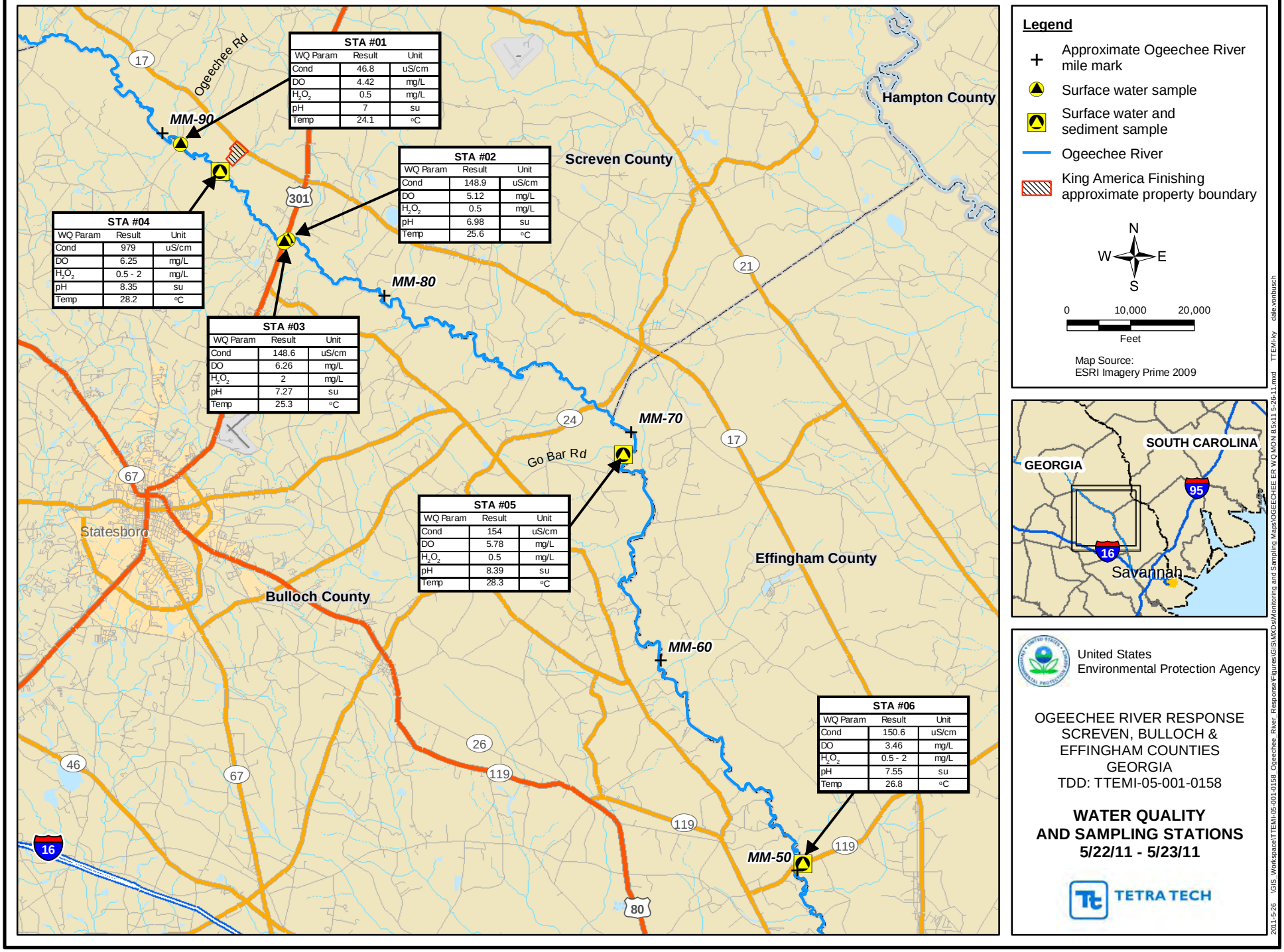
For the surface water samples, of the QC issues observed, only the following results qualifications were required. The dissolved oxygen, pH, residual chlorine, sulfide, and sulfite results for all surface water samples, and the formaldehyde results for samples OR-01-BG-01, OR-02-SW-01, OR-03-SW-02, and OR-05-SW-04 were qualified as estimated due to exceeded holding times and/or preservation errors. The SVOC butyl benzyl phthalate result for sample OR-06-SW-05 and the pesticide 4,4'-DDT results for all surface water samples except OR-06-SW-05 were qualified as non-detect due to laboratory method blank contamination. The 4,4'-DDT result for OR-06-SW-05 was estimated with a possible high bias due to laboratory method blank contamination. The pesticide results for samples OR-01-BG-01, OR-02-SW-01, OR-03-SW-02, and OR-04-SW-03 were qualified as estimated with a possible low bias due to surrogate recoveries below the acceptance criteria.

Enclosure 1 includes the five sampling stations and water quality monitoring results. Enclosure 2 includes tables that summarize the detected results for the analyses performed on the surface water and sediment samples, as well as the results of this data evaluation. Enclosure 3 includes the complete final data package as received from TA.

ENCLOSURE 1

WATER QUALITY AND SAMPLING STATIONS

(One Page)


STA #01
WQ Param | Result | Unit
Cond | 46.8 | uS/cm
DO | 4.42 | mg/L
H_2O_2 | 0.5 | mg/L
pH | 7 | su
Temp | 24.1 | °C
STA #02
WQ Param | Result | Unit
Cond | 148.9 | uS/cm
DO | 5.12 | mg/L
H_2O_2 | 0.5 | mg/L
pH | 6.98 | su
Temp | 25.6 | °C
STA #03
WQ Param | Result | Unit
Cond | 148.6 | uS/cm
DO | 6.26 | mg/L
H_2O_2 | 2 | mg/L
pH | 7.27 | su
Temp | 25.3 | °C
STA #04
WQ Param | Result | Unit
Cond | 979 | uS/cm
DO | 6.25 | mg/L
H_2O_2 | 0.5 - 2 | mg/L
pH | 8.35 | su
Temp | 28.2 | °C
STA #05
WQ Param | Result | Unit
Cond | 154 | uS/cm
DO | 5.78 | mg/L
H_2O_2 | 0.5 | mg/L
pH | 8.39 | su
Temp | 28.3 | °C
STA #06
WQ Param | Result | Unit
Cond | 150.6 | uS/cm
DO | 3.46 | mg/L
H_2O_2 | 0.5 - 2 | mg/L
pH | 7.55 | su
Temp | 26.8 | °C
MM-90
MM-80
MM-70
MM-60
MM-50
Ogeechee Rd
Go Bar Rd
Hampton County
Screven County
Effingham County
Bulloch County
Statesboro
17
301
21
24
67
46
26
119
16
80
Legend
Approximate Ogeechee River mile mark
Surface water sample
Surface water and sediment sample
Ogeechee River
King America Finishing approximate property boundary
N
W
E
S
0
10,000
20,000
Feet
Map Source:
ESRI Imagery Prime 2009
GEORGIA
SOUTH CAROLINA
Savannah
95
16
United States
Environmental Protection Agency
OGEECHEE RIVER RESPONSE
SCREVEN, BULLOCH &
EFFINGHAM COUNTIES
GEORGIA
TDD: TTEMI-05-001-0158
WATER QUALITY
AND SAMPLING STATIONS
5/22/11 - 5/23/11
TETRA TECH
2011-5-26 \GIS_Workspace\TTEMI-05-001-0158_Ogeechee_River_Response\Figures\GIS\MXDs\Monitoring and Sampling Maps\OGEECHEE ER WQ MON 8.5x11 5-26-11.mxd TTEMI-ky date:vonbusch

ENCLOSURE 2

DETECTED RESULTS WITH DATA VALIDATION QUALIFIERS

(Six Pages)

TABLE 1
ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Station	STA #01	STA #04	STA #02	STA #03	STA #05	STA #06
Analysis	**OR-01-BG-01**	**OR-04-SW-03**	**OR-02-SW-01**	**OR-03-SW-02**	**OR-05-SW-04**	**OR-06-SW-05**
Volatile Organic Compounds (µg/L)						
Bromomethane	1.0 U	4.6	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	0.34 J	44	0.37 J	0.42 J	1.0 U	1.0 U
Vinyl chloride	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	2.0 U	2.0 U	2.0 U	0.26 J	2.0 U	2.0 U
Xylenes, total	2.0 U	2.0 U	2.0 U	0.26 J	2.0 U	2.0 U
Semivolatile Organic Compounds (µg/L)						
2,4-Dichlorophenol	1.1 U	0.13 J	0.99 U	0.90 U	0.90 U	0.90 U
2-Chlorophenol	1.1 U	0.11 J	0.99 U	0.90 U	0.91 U	0.90 U
2-Methylphenol	2.1 U	1.3 J	2.0 U	1.8 U	1.8 U	1.8 U
4-Chloroaniline	2.1 U	0.85 J	2.0 U	1.8 U	1.8 U	1.8 U
Caprolactam	1.1 U	0.93 U	0.99 U	0.90 U	0.91 U	0.16 J
Pesticides (µg/L)						
4,4'-DDT	0.10 UJ	0.10 UJ	0.11 UJ	0.10 UJ	0.10 U	0.10 J+
Endosulfan sulfate	0.10 UJ	0.018 J-	0.11 UJ	0.10 UJ	0.10 U	0.098 U
Polychlorinated Biphenyls (µg/L)	ND	ND	ND	ND	ND	ND
Herbicides (µg/L)	ND	ND	ND	ND	ND	ND
Carbonyl Compounds (µg/L)						
Formaldehyde	5.0 UJ	400	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U

TABLE 1
ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Station	STA #01	STA #04	STA #02	STA #03	STA #05	STA #06
Analysis	**OR-01-BG-01**	**OR-04-SW-03**	**OR-02-SW-01**	**OR-03-SW-02**	**OR-05-SW-04**	**OR-06-SW-05**
Metals (µg/L)						
Aluminum	260	240	240	220	360	290
Antimony	5.0 U	5.4	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	2.5 U	7.8	2.5 U	2.5 U	2.5 U	2.5 U
Barium	37	31	35	33	32	30
Calcium	17,000	12,000	16,000	16,000	16,000	15,000
Cobalt	0.46 J	0.27 J	0.64	0.33 J	0.62	0.54
Copper	5.0 U	3.5 J	5.0 U	5.0 U	5.0 U	5.0 U
Iron	1,200	600	1,100	970	950	860
Magnesium	2,100	2,100	1,800	1,800	1,800	1,900
Manganese	210	56	190	92	130	130
Potassium	1,500	7,700	1,600	1,600	1,500	1,700
Sodium	4,400	270,000	16,000	17,000	15,000	16,000
Zinc	20 U	33	20 U	20 U	20 U	20 U
Wet Chemistry Parameters (mg/L)						
Ammonia	0.046 J	1.2	0.13	0.13	0.15	0.19
Ammonium ion	0.058	1.4	0.16	0.16	0.18	0.24
Biochemical Oxygen Demand	2.0 U	2.2	2.0 U	2.0 U	2.0 U	2.0 U
Chloride	4.7 J	42	6.6	6.5	6.3	6.3
Chemical Oxygen Demand	12 J	94	16 J	16 J	19 J	23
Dissolved Oxygen	10 J	7.9 J	9.0 J	9.8 J	8.2 J	7.2 J
Hardness as $CaCO_3$[a]	51	39	48	48	48	45
Nitrate-Nitrite as N	0.26	2.0	0.31	0.35	0.34	0.42
Nitrogen, Kjeldahl	0.34	5.5	0.81	0.95	0.92	0.87
pH (standard units)	7.56 J	8.30 J	7.64 J	7.67 J	7.80 J	7.68 J
Phosphorus	0.058 J	6.9	0.38	0.25	0.32	0.23
Sulfate	5.0 U	240	9.7	10	10	11
Sulfide	1.2 J	1.8 J	1.0 UJ	1.0 UJ	1.9 J	1.0 UJ

TABLE 1
ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Notes:

[a]	Hardness was estimated as 2.5 * Calcium concentration + 4.17 * Magnesium concentration
BG	Background
J	The identification of the analyte is acceptable; the reported value is an estimate.
J+	The identification of the analyte is acceptable; the reported value is an estimate and may be biased high.
J-	The identification of the analyte is acceptable; the reported value is an estimate and may be biased low.
µg/L	Micrograms per liter
mg/L	Milligrams per liter
ND	Not detected
OR	Ogeechee River
STA	Station
SW	Surface water
U	The analyte was not detected at or above the reporting limit.
UJ	The analyte was not detected at or above the reporting limit, which is considered approximate due to deficiencies in one or more quality control criteria.

TABLE 2
ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Station	STA #04	STA #05	STA #06
Analysis	**OR-04-SD-01**	**OR-05-SD-02**	**OR-06-SD-03**
Volatile Organic Compounds (µg/kg)			
Acetone	84 U	61 U	25 J
Semivolatile Organic Compounds (µg/kg)			
Benzo(a)anthracene	10 U	7.5 U	7.4 J
Benzo(a)pyrene	10 U	7.5 U	8.9
Benzo(b)fluoranthene	10 U	7.5 U	18
Benzo(g,h,i)perylene	10 U	7.5 U	9.3
Chrysene	10 U	7.5 U	11
Fluoranthene	10 U	7.5 U	14 J+
Indeno(1,2,3-cd)pyrene	10 U	7.5 U	11
Phenanthrene	10 U	7.5 U	6.0 J
Pyrene	10 U	7.5 U	17 J+
Pesticides (µg/kg)			
4,4'-DDD	7.6	0.88 J	0.77 J-
4,4'-DDE	5.1 U	3.7 U	0.49 J-
4,4'-DDT	20 J+	4.3 J+	4.2 J
alpha-BHC	1.0 J	1.9 U	2.1 UJ
Methoxychlor	1.3 J	3.7 U	4.1 UJ
Polychlorinated Biphenyls (µg/kg)	ND	ND	ND
Herbicides (µg/kg)	ND	ND	ND
Carbonyl Compounds (µg/kg)			
Formaldehyde	310	110 U	190

TABLE 2
ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Station	STA #04	STA #05	STA #06
Analysis	**OR-04-SD-01**	**OR-05-SD-02**	**OR-06-SD-03**
Metals (mg/kg)			
Aluminum	610 J+	750	1,200
Arsenic	0.74 U	0.51 U	0.41 J
Barium	4.2 J+	4.2	13
Beryllium	0.15 U	0.10 U	0.073 J
Cadmium	0.037 J	0.10 U	0.058 J
Calcium	80 J	79 J	510
Chromium	0.96 J	1.2	2.5
Cobalt	0.80 J	0.25	1.6
Copper	1.5 U	1.0 U	0.95 J
Iron	420	220	1,600
Lead	0.68 J	0.96	4.4
Magnesium	24 J	21 J	55 J
Manganese	19	9.8	120
Potassium	74 U	51 U	47 J
Sodium	83 J+	51 U	62 U
Vanadium	0.98 J	1.2	2.9
Zinc	6.3	2.1 J	8.6
Wet Chemistry Parameters (mg/kg)			
Ammonia	1.8	1.2	1.8
Nitrate-Nitrite as N	1.2 J	2.2 U	2.5 U
Nitrogen, Kjeldahl	64 J	40 J	580
pH (standard units)	7.34	6.61	6.51
Phosphorus	31	30	96
Sulfate	32 J	110 U	130 U
Sulfide	93 U	68 U	81

TABLE 2
ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Notes:

J	The identification of the analyte is acceptable; the reported value is an estimate.
J+	The identification of the analyte is acceptable; the reported value is an estimate and may be biased high
J-	The identification of the analyte is acceptable; the reported value is an estimate and may be biased low
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
OR	Ogeechee River
SD	Sediment
STA	Station
U	The analyte was not detected at or above the reporting limit.
UJ	The analyte was not detected at or above the reporting limit, which is considered approximate due to deficiencies in one or more quality control criteria.

ENCLOSURE 3

ANALYTICAL DATA PACKAGE FOR TESTAMERICA JOB NO. 680-68645-1

(125 Sheets)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-68645-1
Client Project/Site: Ogeechee River Fish Kill

For:
Tetra Tech EM Inc.
1955 Evergreen Blvd.
Bldg. 200; Suite 300
Duluth, Georgia 30096

Attn: Ms. Jessica Vickers

Kathryn Smith

Authorized for release by:
05/29/2011 12:01:37 PM

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com

Table of Contents

Job ID: 680-68645-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-68645-1

Comments
No additional comments.

Receipt
Method(s) SM 4500 S2 F: The following sample(s) was improperly preserved in the field for sulfide analysis: OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-04-SW-03 (680-68645-5), OR-05-SW-04 (680-68645-7), OR-06-SW-05 (680-68645-11).

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C LL: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 203861 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

HPLC
Method(s) 8315A: The following sample(s) was received outside of holding time: OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-05-SW-04 (680-68645-7).

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A_8082: The breakdown standard associated with the following sample(s) did not meet acceptance criteria for the second column : (LCS 680-203743/10-A), (LCS 680-203743/13-A), (LCS 680-203743/16-A), (MB 680-203743/9-A), OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-04-SW-03 (680-68645-5), OR-05-SW-04 (680-68645-7), OR-06-SW-05 (680-68645-11). This column was used for qualitative confirmation only.

Method(s) 8081A_8082: The method blank for batches 203743 and 203858 contained 4,4'-DDT above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081A_8082: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-04-SW-03 (680-68645-5), OR-05-SD-02 (680-68645-6), OR--06-SD-03 (680-68645-10). These results have been reported and qualified.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) SM 4500 O C: The following sample(s) was received outside of holding time: OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-04-SW-03 (680-68645-5), OR-05-SW-04 (680-68645-7).

Method(s) SM 4500 O C: All samples were received with headspace in the container and with no preservation as prescribed by method SM 4500 O C.

Job ID: 680-68645-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Method(s) SM 4500 Cl B, 150.1, SM 4500 H+ B, SM 4500 SO3 B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: OR-01-BG-01 (680-68645-1), OR-02-SW-01 (680-68645-2), OR-03-SW-02 (680-68645-3), OR-04-SW-03 (680-68645-5), OR-05-SW-04 (680-68645-7), OR-06-SW-05 (680-68645-11)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Sample Summary

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-68645-1	OR-01-BG-01	Water	05/22/11 09:20	05/23/11 14:45
680-68645-2	OR-02-SW-01	Water	05/22/11 10:40	05/23/11 14:45
680-68645-3	OR-03-SW-02	Water	05/22/11 11:45	05/23/11 14:45
680-68645-4	OR-04-SD-01	Solid	05/22/11 16:05	05/23/11 14:45
680-68645-5	OR-04-SW-03	Water	05/22/11 16:20	05/23/11 14:45
680-68645-6	OR-05-SD-02	Solid	05/22/11 18:25	05/23/11 14:45
680-68645-7	OR-05-SW-04	Water	05/22/11 18:40	05/23/11 14:45
680-68645-8	OR-TB-SW-01	Water	05/23/11 08:35	05/23/11 14:45
680-68645-9	OR-TB-SD-01	Solid	05/23/11 08:35	05/23/11 14:45
680-68645-10	OR--06-SD-03	Solid	05/23/11 09:15	05/23/11 14:45
680-68645-11	OR-06-SW-05	Water	05/23/11 09:35	05/23/11 14:45

Method Summary

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C LL	Semivolatile Organic Compounds by GCMS - Low Levels	SW846	TAL SAV
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
8315A	Carbonyl Compounds (HPLC)	SW846	TAL TAL
6020	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL SAV
365.4	Phosphorus, Total	EPA	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV
9045C	pH	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV
SM 4500 Cl B	Chlorine, Total Residual	SM	TAL SAV
SM 4500 H+ B	pH	SM	TAL SAV
SM 4500 O C	Oxygen, Dissolved	SM	TAL SAV
SM 4500 S2 F	Sulfide, Total	SM	TAL SAV
SM 4500 SO3 B	Sulfite	SM	TAL SAV
SM 5210B	BOD, 5-Day	SM	TAL SAV
SM 5220D	COD	SM	TAL SAV
UnionizedNH3	Ammonia, Unionized	FL-DEP	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
HF	Field parameter with a holding time of 15 minutes
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-01-BG-01
Date Collected: 05/22/11 09:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 01:37	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 01:37	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 01:37	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 01:37	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 01:37	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 01:37	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 01:37	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 01:37	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 01:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 01:37	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 01:37	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 01:37	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 01:37	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 01:37	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 01:37	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 01:37	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 01:37	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 01:37	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 01:37	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 01:37	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 01:37	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 01:37	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 01:37	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 01:37	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/24/11 01:37	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 01:37	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 01:37	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 01:37	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 01:37	1
Chloromethane	**0.34**	**J**	1.0	0.33	ug/L			05/24/11 01:37	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 01:37	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 01:37	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 01:37	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 01:37	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 01:37	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 01:37	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/24/11 01:37	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 01:37	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 01:37	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 01:37	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 01:37	1

Client Sample ID: OR-01-BG-01
Date Collected: 05/22/11 09:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 01:37	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 01:37	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 01:37	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 01:37	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 01:37	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 01:37	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 01:37	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 01:37	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 01:37	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 01:37	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 01:37	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 01:37	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 01:37	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/24/11 01:37	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/24/11 01:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/11 01:37*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*05/24/11 01:37*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*05/24/11 01:37*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/24/11 01:37*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Acenaphthylene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Acetophenone	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Anthracene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzo[a]anthracene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzo[b]fluoranthene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzo[k]fluoranthene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzo[g,h,i]perylene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzo[a]pyrene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Bis(2-chloroethoxy)methane	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Bis(2-chloroethyl)ether	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Bis(2-ethylhexyl) phthalate	0.69	U	2.1	0.69	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Bromophenyl phenyl ether	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
Butyl benzyl phthalate	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
Carbazole	0.11	U	2.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Chloroaniline	0.39	U	2.1	0.39	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Chloro-3-methylphenol	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Chloronaphthalene	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Chlorophenol	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Chlorophenyl phenyl ether	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Chrysene	0.048	U	0.21	0.048	ug/L		05/23/11 16:41	05/24/11 21:00	1
Dibenz(a,h)anthracene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Dibenzofuran	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1

Client Sample ID: OR-01-BG-01
Date Collected: 05/22/11 09:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-1
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.42	U	1.1	0.42	ug/L		05/23/11 16:41	05/24/11 21:00	1
3,3'-Dichlorobenzidine	2.1	U	21	2.1	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4-Dichlorophenol	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Diethyl phthalate	0.12	U	1.1	0.12	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4-Dimethylphenol	0.74	U	2.1	0.74	ug/L		05/23/11 16:41	05/24/11 21:00	1
Dimethyl phthalate	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
4,6-Dinitro-2-methylphenol	0.14	U	5.4	0.14	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4-Dinitrophenol	1.2	U	11	1.2	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4-Dinitrotoluene	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,6-Dinitrotoluene	0.14	U	1.1	0.14	ug/L		05/23/11 16:41	05/24/11 21:00	1
Di-n-octyl phthalate	0.18	U	1.1	0.18	ug/L		05/23/11 16:41	05/24/11 21:00	1
N-Nitrosodiphenylamine	0.40	U	1.1	0.40	ug/L		05/23/11 16:41	05/24/11 21:00	1
1,4-Dioxane	0.33	U	2.1	0.33	ug/L		05/23/11 16:41	05/24/11 21:00	1
Fluoranthene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Fluorene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Hexachlorobenzene	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Hexachlorocyclopentadiene	0.54	U	2.1	0.54	ug/L		05/23/11 16:41	05/24/11 21:00	1
Hexachloroethane	0.54	U	1.1	0.54	ug/L		05/23/11 16:41	05/24/11 21:00	1
Indeno[1,2,3-cd]pyrene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Isophorone	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Methylnaphthalene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Methylphenol	0.79	U	2.1	0.79	ug/L		05/23/11 16:41	05/24/11 21:00	1
3 & 4 Methylphenol	0.71	U	2.1	0.71	ug/L		05/23/11 16:41	05/24/11 21:00	1
Naphthalene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Nitroaniline	0.17	U	1.1	0.17	ug/L		05/23/11 16:41	05/24/11 21:00	1
3-Nitroaniline	0.17	U	5.4	0.17	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Nitroaniline	0.54	U	5.4	0.54	ug/L		05/23/11 16:41	05/24/11 21:00	1
Nitrobenzene	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2-Nitrophenol	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
4-Nitrophenol	0.54	U	5.4	0.54	ug/L		05/23/11 16:41	05/24/11 21:00	1
N-Nitrosodi-n-propylamine	0.14	U	1.1	0.14	ug/L		05/23/11 16:41	05/24/11 21:00	1
Pentachlorophenol	0.43	U	5.4	0.43	ug/L		05/23/11 16:41	05/24/11 21:00	1
Phenanthrene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Phenol	0.14	U	1.1	0.14	ug/L		05/23/11 16:41	05/24/11 21:00	1
Pyrene	0.11	U	0.21	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4,5-Trichlorophenol	0.13	U	1.1	0.13	ug/L		05/23/11 16:41	05/24/11 21:00	1
2,4,6-Trichlorophenol	0.18	U	1.1	0.18	ug/L		05/23/11 16:41	05/24/11 21:00	1
Atrazine	0.38	U	2.1	0.38	ug/L		05/23/11 16:41	05/24/11 21:00	1
Benzaldehyde	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
1,1'-Biphenyl	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1
Caprolactam	0.14	U	1.1	0.14	ug/L		05/23/11 16:41	05/24/11 21:00	1
bis (2-chloroisopropyl) ether	0.11	U	1.1	0.11	ug/L		05/23/11 16:41	05/24/11 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*12*	*T A J*	*ug/L*		*4.09*		*05/23/11 16:41*	*05/24/11 21:00*	*1*
Unknown	*0.59*	*T J*	*ug/L*		*5.14*		*05/23/11 16:41*	*05/24/11 21:00*	*1*
(Carbethoxyethylidine)triphenylphosphora	*3.3*	*T J N*	*ug/L*		*14.10*	*5717-37-3*	*05/23/11 16:41*	*05/24/11 21:00*	*1*
Unknown	*0.45*	*T J*	*ug/L*		*14.37*		*05/23/11 16:41*	*05/24/11 21:00*	*1*
Unknown	*0.71*	*T J*	*ug/L*		*14.75*		*05/23/11 16:41*	*05/24/11 21:00*	*1*

Client Sample ID: OR-01-BG-01
Date Collected: 05/22/11 09:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-1
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.66	T J	ug/L		14.87		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.53	T J	ug/L		14.89		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.66	T J	ug/L		14.95		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.68	T J	ug/L		15.23		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.49	T J	ug/L		15.26		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.83	T J	ug/L		15.30		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.56	T J	ug/L		15.45		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.79	T J	ug/L		16.05		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.58	T J	ug/L		16.13		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.84	T J	ug/L		16.16		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.84	T J	ug/L		16.23		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.70	T J	ug/L		16.40		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.70	T J	ug/L		16.44		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.58	T J	ug/L		16.66		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.45	T J	ug/L		16.70		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.47	T J	ug/L		16.80		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.73	T J	ug/L		17.07		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.47	T J	ug/L		17.42		05/23/11 16:41	05/24/11 21:00	1
Unknown	0.96	T J	ug/L		17.46		05/23/11 16:41	05/24/11 21:00	1
Unknown Organic Acid	0.52	T J	ug/L		17.90		05/23/11 16:41	05/24/11 21:00	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		34 - 130	05/23/11 16:41	05/24/11 21:00	1
2-Fluorophenol	64		25 - 130	05/23/11 16:41	05/24/11 21:00	1
Nitrobenzene-d5	75		32 - 130	05/23/11 16:41	05/24/11 21:00	1
Phenol-d5	62		27 - 130	05/23/11 16:41	05/24/11 21:00	1
Terphenyl-d14	67		36 - 130	05/23/11 16:41	05/24/11 21:00	1
2,4,6-Tribromophenol	95		30 - 130	05/23/11 16:41	05/24/11 21:00	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.10	0.0068	ug/L		05/23/11 16:41	05/25/11 13:27	1
4,4'-DDE	0.0081	U	0.10	0.0081	ug/L		05/23/11 16:41	05/25/11 13:27	1
4,4'-DDT	**0.052**	**J B**	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 13:27	1
Aldrin	0.0073	U	0.052	0.0073	ug/L		05/23/11 16:41	05/25/11 13:27	1
alpha-BHC	0.0060	U	0.052	0.0060	ug/L		05/23/11 16:41	05/25/11 13:27	1
beta-BHC	0.0070	U *	0.052	0.0070	ug/L		05/23/11 16:41	05/25/11 13:27	1
Chlordane (technical)	0.10	U	0.52	0.10	ug/L		05/23/11 16:41	05/25/11 13:27	1
delta-BHC	0.0050	U	0.052	0.0050	ug/L		05/23/11 16:41	05/25/11 13:27	1
Dieldrin	0.0095	U	0.10	0.0095	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endosulfan I	0.0044	U	0.052	0.0044	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endosulfan II	0.010	U	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endosulfan sulfate	0.0071	U	0.10	0.0071	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endrin	0.010	U	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endrin aldehyde	0.017	U *	0.10	0.017	ug/L		05/23/11 16:41	05/25/11 13:27	1
Endrin ketone	0.0088	U	0.10	0.0088	ug/L		05/23/11 16:41	05/25/11 13:27	1
gamma-BHC (Lindane)	0.0062	U	0.052	0.0062	ug/L		05/23/11 16:41	05/25/11 13:27	1
Heptachlor	0.0073	U	0.052	0.0073	ug/L		05/23/11 16:41	05/25/11 13:27	1
Heptachlor epoxide	0.0063	U	0.052	0.0063	ug/L		05/23/11 16:41	05/25/11 13:27	1
Methoxychlor	0.014	U	0.10	0.014	ug/L		05/23/11 16:41	05/25/11 13:27	1

Client Sample ID: OR-01-BG-01
Date Collected: 05/22/11 09:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-1
Matrix: Water

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.074	U	1.0	0.074	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1221	0.29	U	2.1	0.29	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1232	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1242	0.19	U	1.0	0.19	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1248	0.38	U	1.0	0.38	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1254	0.27	U	1.0	0.27	ug/L		05/23/11 16:41	05/25/11 13:27	1
PCB-1260	0.21	U	1.0	0.21	ug/L		05/23/11 16:41	05/25/11 13:27	1
Toxaphene	0.52	U	5.2	0.52	ug/L		05/23/11 16:41	05/25/11 13:27	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*30*	*X*	*40 - 130*	*05/23/11 16:41*	*05/25/11 13:27*	*1*
Tetrachloro-m-xylene	*68*		*36 - 130*	*05/23/11 16:41*	*05/25/11 13:27*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.039	U	0.53	0.039	ug/L		05/24/11 08:34	05/25/11 12:26	1
2,4-DB	0.16	U	0.53	0.16	ug/L		05/24/11 08:34	05/25/11 12:26	1
2,4,5-T	0.065	U	0.53	0.065	ug/L		05/24/11 08:34	05/25/11 12:26	1
Silvex (2,4,5-TP)	0.065	U	0.53	0.065	ug/L		05/24/11 08:34	05/25/11 12:26	1
Dalapon	0.11	U	11	0.11	ug/L		05/24/11 08:34	05/25/11 12:26	1
Dicamba	0.090	U	0.53	0.090	ug/L		05/24/11 08:34	05/25/11 12:26	1
Dichlorprop	0.16	U	0.53	0.16	ug/L		05/24/11 08:34	05/25/11 12:26	1
Dinoseb	0.17	U	6.3	0.17	ug/L		05/24/11 08:34	05/25/11 12:26	1
MCPA	18	U	130	18	ug/L		05/24/11 08:34	05/25/11 12:26	1
Mecoprop	20	U	130	20	ug/L		05/24/11 08:34	05/25/11 12:26	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*76*		*52 - 151*	*05/24/11 08:34*	*05/25/11 12:26*	*1*
DCAA	*68*		*52 - 151*	*05/24/11 08:34*	*05/25/11 12:26*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U H	50	5.0	ug/L		05/26/11 10:44	05/26/11 22:21	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:02	1
Aluminum	**260**		100	50	ug/L		05/24/11 10:09	05/25/11 14:02	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:02	1
Barium	**37**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:02	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:02	1
Calcium	**17000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:02	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:02	1
Cobalt	**0.46**	**J**	0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:02	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:02	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:02	1
Iron	**1200**		100	44	ug/L		05/24/11 10:09	05/25/11 14:02	1
Potassium	**1500**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:02	1
Magnesium	**2100**		250	100	ug/L		05/24/11 10:09	05/25/11 14:02	1
Manganese	**210**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:02	1
Sodium	**4400**		500	170	ug/L		05/24/11 10:09	05/25/11 14:02	1

Client Sample ID: OR-01-BG-01

Lab Sample ID: 680-68645-1

Date Collected: 05/22/11 09:20

Matrix: Water

Date Received: 05/23/11 14:45

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:02	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:02	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:02	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:02	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:02	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:02	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 14:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:38	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.56**	**HF**			SU			05/23/11 16:49	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**	**J**	5.0	1.0	mg/L			05/24/11 10:06	5
Sulfate	2.6	U	5.0	2.6	mg/L			05/24/11 10:06	5
Ammonia	**0.046**	**J**	0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**0.34**		0.20	0.15	mg/L		05/25/11 12:30	05/26/11 09:55	1
Nitrate Nitrite as N	**0.26**		0.050	0.010	mg/L			05/23/11 16:56	1
Phosphorus	**0.058**	**J**	0.10	0.024	mg/L		05/25/11 12:30	05/26/11 12:48	1
Chemical Oxygen Demand	**12**	**J**	20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**10**	**H**	0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	**1.2**		1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**0.058**		0.030	0.030	mg/L			05/25/11 15:29	1

Client Sample ID: OR-02-SW-01

Lab Sample ID: 680-68645-2

Date Collected: 05/22/11 10:40

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 02:00	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 02:00	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 02:00	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 02:00	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 02:00	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 02:00	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 02:00	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:00	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 02:00	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 02:00	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-02-SW-01
Date Collected: 05/22/11 10:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:00	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 02:00	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:00	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:00	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:00	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 02:00	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 02:00	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 02:00	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 02:00	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 02:00	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 02:00	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:00	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 02:00	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 02:00	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/24/11 02:00	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 02:00	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 02:00	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 02:00	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 02:00	1
Chloromethane	**0.37**	**J**	1.0	0.33	ug/L			05/24/11 02:00	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:00	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 02:00	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:00	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 02:00	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 02:00	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:00	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/24/11 02:00	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 02:00	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 02:00	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 02:00	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 02:00	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:00	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 02:00	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 02:00	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:00	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 02:00	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 02:00	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:00	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 02:00	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 02:00	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 02:00	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 02:00	1

Client Sample ID: OR-02-SW-01
Date Collected: 05/22/11 10:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:00	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 02:00	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/24/11 02:00	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/24/11 02:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/11 02:00*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*05/24/11 02:00*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*05/24/11 02:00*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/24/11 02:00*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Acenaphthylene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Acetophenone	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Anthracene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzo[a]anthracene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzo[b]fluoranthene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzo[k]fluoranthene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzo[g,h,i]perylene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzo[a]pyrene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Bis(2-chloroethoxy)methane	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Bis(2-chloroethyl)ether	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Bis(2-ethylhexyl) phthalate	0.63	U	2.0	0.63	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Bromophenyl phenyl ether	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
Butyl benzyl phthalate	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
Carbazole	0.099	U	2.0	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Chloroaniline	0.36	U	2.0	0.36	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Chloro-3-methylphenol	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Chloronaphthalene	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Chlorophenol	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Chlorophenyl phenyl ether	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Chrysene	0.044	U	0.20	0.044	ug/L		05/23/11 16:41	05/24/11 21:27	1
Dibenz(a,h)anthracene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Dibenzofuran	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Di-n-butyl phthalate	0.39	U	0.99	0.39	ug/L		05/23/11 16:41	05/24/11 21:27	1
3,3'-Dichlorobenzidine	2.0	U	20	2.0	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4-Dichlorophenol	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Diethyl phthalate	0.11	U	0.99	0.11	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4-Dimethylphenol	0.68	U	2.0	0.68	ug/L		05/23/11 16:41	05/24/11 21:27	1
Dimethyl phthalate	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
4,6-Dinitro-2-methylphenol	0.13	U	4.9	0.13	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4-Dinitrophenol	1.1	U	9.9	1.1	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4-Dinitrotoluene	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,6-Dinitrotoluene	0.13	U	0.99	0.13	ug/L		05/23/11 16:41	05/24/11 21:27	1
Di-n-octyl phthalate	0.17	U	0.99	0.17	ug/L		05/23/11 16:41	05/24/11 21:27	1
N-Nitrosodiphenylamine	0.37	U	0.99	0.37	ug/L		05/23/11 16:41	05/24/11 21:27	1
1,4-Dioxane	0.31	U	2.0	0.31	ug/L		05/23/11 16:41	05/24/11 21:27	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-02-SW-01
Date Collected: 05/22/11 10:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-2
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Fluorene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Hexachlorobenzene	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Hexachlorocyclopentadiene	0.49	U	2.0	0.49	ug/L		05/23/11 16:41	05/24/11 21:27	1
Hexachloroethane	0.49	U	0.99	0.49	ug/L		05/23/11 16:41	05/24/11 21:27	1
Indeno[1,2,3-cd]pyrene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Isophorone	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Methylnaphthalene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Methylphenol	0.73	U	2.0	0.73	ug/L		05/23/11 16:41	05/24/11 21:27	1
3 & 4 Methylphenol	0.65	U	2.0	0.65	ug/L		05/23/11 16:41	05/24/11 21:27	1
Naphthalene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Nitroaniline	0.16	U	0.99	0.16	ug/L		05/23/11 16:41	05/24/11 21:27	1
3-Nitroaniline	0.16	U	4.9	0.16	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Nitroaniline	0.49	U	4.9	0.49	ug/L		05/23/11 16:41	05/24/11 21:27	1
Nitrobenzene	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2-Nitrophenol	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
4-Nitrophenol	0.49	U	4.9	0.49	ug/L		05/23/11 16:41	05/24/11 21:27	1
N-Nitrosodi-n-propylamine	0.13	U	0.99	0.13	ug/L		05/23/11 16:41	05/24/11 21:27	1
Pentachlorophenol	0.40	U	4.9	0.40	ug/L		05/23/11 16:41	05/24/11 21:27	1
Phenanthrene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Phenol	0.13	U	0.99	0.13	ug/L		05/23/11 16:41	05/24/11 21:27	1
Pyrene	0.099	U	0.20	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4,5-Trichlorophenol	0.12	U	0.99	0.12	ug/L		05/23/11 16:41	05/24/11 21:27	1
2,4,6-Trichlorophenol	0.17	U	0.99	0.17	ug/L		05/23/11 16:41	05/24/11 21:27	1
Atrazine	0.35	U	2.0	0.35	ug/L		05/23/11 16:41	05/24/11 21:27	1
Benzaldehyde	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
1,1'-Biphenyl	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1
Caprolactam	0.13	U	0.99	0.13	ug/L		05/23/11 16:41	05/24/11 21:27	1
bis (2-chloroisopropyl) ether	0.099	U	0.99	0.099	ug/L		05/23/11 16:41	05/24/11 21:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*16*	*T A J*	*ug/L*		*4.09*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.68*	*T J*	*ug/L*		*5.13*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown Organic Acid	*0.33*	*T J*	*ug/L*		*5.32*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.24*	*T J*	*ug/L*		*6.78*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.55*	*T J*	*ug/L*		*7.42*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown Organic Acid	*0.36*	*T J*	*ug/L*		*8.40*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*8.76*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.24*	*T J*	*ug/L*		*11.70*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.26*	*T J*	*ug/L*		*13.23*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown Organic Acid	*0.41*	*T J*	*ug/L*		*13.37*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
(Carbethoxyethylidine)triphenylphosphora	*3.8*	*T J N*	*ug/L*		*14.09*	*5717-37-3*	*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.28*	*T J*	*ug/L*		*14.94*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.29*	*T J*	*ug/L*		*15.00*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.28*	*T J*	*ug/L*		*15.05*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.34*	*T J*	*ug/L*		*15.16*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.46*	*T J*	*ug/L*		*15.30*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*15.33*		*05/23/11 16:41*	*05/24/11 21:27*	*1*
Unknown	*0.28*	*T J*	*ug/L*		*15.36*		*05/23/11 16:41*	*05/24/11 21:27*	*1*

Client Sample ID: OR-02-SW-01
Date Collected: 05/22/11 10:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-2
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.29	T J	ug/L		15.81		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.26	T J	ug/L		16.36		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.28	T J	ug/L		17.91		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.32	T J	ug/L		17.99		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.26	T J	ug/L		18.30		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.25	T J	ug/L		19.31		05/23/11 16:41	05/24/11 21:27	1
Unknown	0.26	T J	ug/L		19.42		05/23/11 16:41	05/24/11 21:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		34 - 130	05/23/11 16:41	05/24/11 21:27	1
2-Fluorophenol	60		25 - 130	05/23/11 16:41	05/24/11 21:27	1
Nitrobenzene-d5	73		32 - 130	05/23/11 16:41	05/24/11 21:27	1
Phenol-d5	58		27 - 130	05/23/11 16:41	05/24/11 21:27	1
Terphenyl-d14	60		36 - 130	05/23/11 16:41	05/24/11 21:27	1
2,4,6-Tribromophenol	93		30 - 130	05/23/11 16:41	05/24/11 21:27	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.11	0.0071	ug/L		05/23/11 16:41	05/25/11 13:46	1
4,4'-DDE	0.0084	U	0.11	0.0084	ug/L		05/23/11 16:41	05/25/11 13:46	1
4,4'-DDT	**0.073**	**J B**	0.11	0.011	ug/L		05/23/11 16:41	05/25/11 13:46	1
Aldrin	0.0076	U	0.054	0.0076	ug/L		05/23/11 16:41	05/25/11 13:46	1
alpha-BHC	0.0062	U	0.054	0.0062	ug/L		05/23/11 16:41	05/25/11 13:46	1
beta-BHC	0.0073	U *	0.054	0.0073	ug/L		05/23/11 16:41	05/25/11 13:46	1
Chlordane (technical)	0.11	U	0.54	0.11	ug/L		05/23/11 16:41	05/25/11 13:46	1
delta-BHC	0.0052	U	0.054	0.0052	ug/L		05/23/11 16:41	05/25/11 13:46	1
Dieldrin	0.0099	U	0.11	0.0099	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endosulfan I	0.0046	U	0.054	0.0046	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endosulfan II	0.011	U	0.11	0.011	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endosulfan sulfate	0.0074	U	0.11	0.0074	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endrin	0.011	U	0.11	0.011	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endrin aldehyde	0.017	U *	0.11	0.017	ug/L		05/23/11 16:41	05/25/11 13:46	1
Endrin ketone	0.0091	U	0.11	0.0091	ug/L		05/23/11 16:41	05/25/11 13:46	1
gamma-BHC (Lindane)	0.0064	U	0.054	0.0064	ug/L		05/23/11 16:41	05/25/11 13:46	1
Heptachlor	0.0076	U	0.054	0.0076	ug/L		05/23/11 16:41	05/25/11 13:46	1
Heptachlor epoxide	0.0065	U	0.054	0.0065	ug/L		05/23/11 16:41	05/25/11 13:46	1
Methoxychlor	0.014	U	0.11	0.014	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1016	0.077	U	1.1	0.077	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1221	0.30	U	2.2	0.30	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1232	0.12	U	1.1	0.12	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1242	0.20	U	1.1	0.20	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1248	0.39	U	1.1	0.39	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1254	0.28	U	1.1	0.28	ug/L		05/23/11 16:41	05/25/11 13:46	1
PCB-1260	0.22	U	1.1	0.22	ug/L		05/23/11 16:41	05/25/11 13:46	1
Toxaphene	0.54	U	5.4	0.54	ug/L		05/23/11 16:41	05/25/11 13:46	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	27	X	40 - 130	05/23/11 16:41	05/25/11 13:46	1
Tetrachloro-m-xylene	68		36 - 130	05/23/11 16:41	05/25/11 13:46	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-02-SW-01

Date Collected: 05/22/11 10:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-2

Matrix: Water

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.49	0.036	ug/L		05/24/11 08:34	05/25/11 12:42	1
2,4-DB	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 12:42	1
2,4,5-T	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 12:42	1
Silvex (2,4,5-TP)	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 12:42	1
Dalapon	0.098	U	9.8	0.098	ug/L		05/24/11 08:34	05/25/11 12:42	1
Dicamba	0.083	U	0.49	0.083	ug/L		05/24/11 08:34	05/25/11 12:42	1
Dichlorprop	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 12:42	1
Dinoseb	0.16	U	5.9	0.16	ug/L		05/24/11 08:34	05/25/11 12:42	1
MCPA	17	U	120	17	ug/L		05/24/11 08:34	05/25/11 12:42	1
Mecoprop	19	U	120	19	ug/L		05/24/11 08:34	05/25/11 12:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*63*		*52 - 151*	*05/24/11 08:34*	*05/25/11 12:42*	*1*
DCAA	*76*		*52 - 151*	*05/24/11 08:34*	*05/25/11 12:42*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U H	50	5.0	ug/L		05/26/11 10:44	05/26/11 22:33	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:06	1
Aluminum	**240**		100	50	ug/L		05/24/11 10:09	05/25/11 14:06	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:06	1
Barium	**35**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:06	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:06	1
Calcium	**16000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:06	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:06	1
Cobalt	**0.64**		0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:06	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:06	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:06	1
Iron	**1100**		100	44	ug/L		05/24/11 10:09	05/25/11 14:06	1
Potassium	**1600**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:06	1
Magnesium	**1800**		250	100	ug/L		05/24/11 10:09	05/25/11 14:06	1
Manganese	**190**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:06	1
Sodium	**16000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:06	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:06	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:06	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:06	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:06	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:06	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:06	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 14:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:48	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.64**	**HF**			SU			05/23/11 16:53	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-02-SW-01

Lab Sample ID: 680-68645-2

Date Collected: 05/22/11 10:40

Matrix: Water

Date Received: 05/23/11 14:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.6**		5.0	1.0	mg/L			05/24/11 10:20	5
Sulfate	**9.7**		5.0	2.6	mg/L			05/24/11 10:20	5
Ammonia	**0.13**		0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**0.81**		0.20	0.15	mg/L		05/25/11 12:30	05/26/11 09:55	1
Nitrate Nitrite as N	**0.31**		0.050	0.010	mg/L			05/23/11 16:59	1
Phosphorus	**0.38**		0.10	0.024	mg/L		05/25/11 12:30	05/26/11 12:48	1
Chemical Oxygen Demand	**16**	**J**	20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**9.0**	**H**	0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	1.0	U	1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**0.16**		0.030	0.030	mg/L			05/25/11 15:29	1

Client Sample ID: OR-03-SW-02

Lab Sample ID: 680-68645-3

Date Collected: 05/22/11 11:45

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 02:23	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 02:23	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 02:23	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 02:23	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 02:23	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 02:23	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 02:23	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:23	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 02:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 02:23	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:23	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 02:23	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:23	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:23	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:23	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 02:23	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 02:23	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 02:23	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 02:23	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 02:23	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 02:23	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:23	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 02:23	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 02:23	1

Client Sample ID: OR-03-SW-02
Date Collected: 05/22/11 11:45
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/24/11 02:23	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 02:23	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 02:23	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 02:23	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 02:23	1
Chloromethane	**0.42**	**J**	1.0	0.33	ug/L			05/24/11 02:23	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:23	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 02:23	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:23	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 02:23	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 02:23	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:23	1
m-Xylene & p-Xylene	**0.26**	**J**	2.0	0.20	ug/L			05/24/11 02:23	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 02:23	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 02:23	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 02:23	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 02:23	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:23	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 02:23	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 02:23	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:23	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 02:23	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 02:23	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:23	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 02:23	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 02:23	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 02:23	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 02:23	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:23	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 02:23	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/24/11 02:23	1
Xylenes, Total	**0.26**	**J**	2.0	0.20	ug/L			05/24/11 02:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/11 02:23*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*05/24/11 02:23*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*05/24/11 02:23*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*05/24/11 02:23*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Acenaphthylene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Acetophenone	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-03-SW-02
Date Collected: 05/22/11 11:45
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-3
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzo[a]anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzo[b]fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzo[k]fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzo[g,h,i]perylene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzo[a]pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Bis(2-chloroethoxy)methane	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Bis(2-chloroethyl)ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Bis(2-ethylhexyl) phthalate	0.58	U	1.8	0.58	ug/L		05/23/11 16:41	05/24/11 21:55	1
4-Bromophenyl phenyl ether	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
Butyl benzyl phthalate	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
Carbazole	0.090	U	1.8	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
4-Chloroaniline	0.32	U	1.8	0.32	ug/L		05/23/11 16:41	05/24/11 21:55	1
4-Chloro-3-methylphenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Chloronaphthalene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Chlorophenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
4-Chlorophenyl phenyl ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Chrysene	0.041	U	0.18	0.041	ug/L		05/23/11 16:41	05/24/11 21:55	1
Dibenz(a,h)anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Dibenzofuran	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Di-n-butyl phthalate	0.35	U	0.90	0.35	ug/L		05/23/11 16:41	05/24/11 21:55	1
3,3'-Dichlorobenzidine	1.8	U	18	1.8	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4-Dichlorophenol	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Diethyl phthalate	0.099	U	0.90	0.099	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4-Dimethylphenol	0.62	U	1.8	0.62	ug/L		05/23/11 16:41	05/24/11 21:55	1
Dimethyl phthalate	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
4,6-Dinitro-2-methylphenol	0.12	U	4.5	0.12	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4-Dinitrophenol	0.99	U	9.0	0.99	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4-Dinitrotoluene	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,6-Dinitrotoluene	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/24/11 21:55	1
Di-n-octyl phthalate	0.15	U	0.90	0.15	ug/L		05/23/11 16:41	05/24/11 21:55	1
N-Nitrosodiphenylamine	0.33	U	0.90	0.33	ug/L		05/23/11 16:41	05/24/11 21:55	1
1,4-Dioxane	0.28	U	1.8	0.28	ug/L		05/23/11 16:41	05/24/11 21:55	1
Fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Fluorene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Hexachlorobenzene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Hexachlorocyclopentadiene	0.45	U	1.8	0.45	ug/L		05/23/11 16:41	05/24/11 21:55	1
Hexachloroethane	0.45	U	0.90	0.45	ug/L		05/23/11 16:41	05/24/11 21:55	1
Indeno[1,2,3-cd]pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Isophorone	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Methylnaphthalene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Methylphenol	0.67	U	1.8	0.67	ug/L		05/23/11 16:41	05/24/11 21:55	1
3 & 4 Methylphenol	0.60	U	1.8	0.60	ug/L		05/23/11 16:41	05/24/11 21:55	1
Naphthalene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Nitroaniline	0.14	U	0.90	0.14	ug/L		05/23/11 16:41	05/24/11 21:55	1
3-Nitroaniline	0.14	U	4.5	0.14	ug/L		05/23/11 16:41	05/24/11 21:55	1
4-Nitroaniline	0.45	U	4.5	0.45	ug/L		05/23/11 16:41	05/24/11 21:55	1
Nitrobenzene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2-Nitrophenol	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1

Client Sample ID: OR-03-SW-02
Date Collected: 05/22/11 11:45
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-3
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	0.45	U	4.5	0.45	ug/L		05/23/11 16:41	05/24/11 21:55	1
N-Nitrosodi-n-propylamine	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/24/11 21:55	1
Pentachlorophenol	0.36	U	4.5	0.36	ug/L		05/23/11 16:41	05/24/11 21:55	1
Phenanthrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Phenol	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/24/11 21:55	1
Pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4,5-Trichlorophenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/24/11 21:55	1
2,4,6-Trichlorophenol	0.15	U	0.90	0.15	ug/L		05/23/11 16:41	05/24/11 21:55	1
Atrazine	0.32	U	1.8	0.32	ug/L		05/23/11 16:41	05/24/11 21:55	1
Benzaldehyde	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
1,1'-Biphenyl	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1
Caprolactam	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/24/11 21:55	1
bis (2-chloroisopropyl) ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/24/11 21:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*12*	*T A J*	*ug/L*		*4.09*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*4.66*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.25*	*T J*	*ug/L*		*5.14*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown Organic Acid	*0.22*	*T J*	*ug/L*		*5.32*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.33*	*T J*	*ug/L*		*6.38*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown Organic Acid	*0.24*	*T J*	*ug/L*		*6.78*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.26*	*T J*	*ug/L*		*6.98*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown Organic Acid	*0.30*	*T J*	*ug/L*		*7.42*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.38*	*T J*	*ug/L*		*7.61*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.29*	*T J*	*ug/L*		*7.79*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.43*	*T J*	*ug/L*		*8.77*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*8.86*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown Organic Acid	*0.25*	*T J*	*ug/L*		*11.38*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
(Carbethoxyethylidine)triphenylphosphora	*3.0*	*T J N*	*ug/L*		*14.09*	*5717-37-3*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.46*	*T J*	*ug/L*		*14.87*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.50*	*T J*	*ug/L*		*15.31*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.23*	*T J*	*ug/L*		*15.54*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.24*	*T J*	*ug/L*		*15.75*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.41*	*T J*	*ug/L*		*15.88*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.23*	*T J*	*ug/L*		*16.02*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.29*	*T J*	*ug/L*		*16.21*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.32*	*T J*	*ug/L*		*16.27*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*16.38*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.24*	*T J*	*ug/L*		*17.06*		*05/23/11 16:41*	*05/24/11 21:55*	*1*
Unknown	*0.23*	*T J*	*ug/L*		*17.69*		*05/23/11 16:41*	*05/24/11 21:55*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*34 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
2-Fluorophenol	*62*		*25 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
Nitrobenzene-d5	*78*		*32 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
Phenol-d5	*58*		*27 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
Terphenyl-d14	*74*		*36 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*
2,4,6-Tribromophenol	*102*		*30 - 130*	*05/23/11 16:41*	*05/24/11 21:55*	*1*

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-03-SW-02
Date Collected: 05/22/11 11:45
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-3
Matrix: Water

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0066	U	0.10	0.0066	ug/L		05/23/11 16:41	05/25/11 14:06	1
4,4'-DDE	0.0079	U	0.10	0.0079	ug/L		05/23/11 16:41	05/25/11 14:06	1
4,4'-DDT	**0.055**	**J B**	0.10	0.0099	ug/L		05/23/11 16:41	05/25/11 14:06	1
Aldrin	0.0072	U	0.051	0.0072	ug/L		05/23/11 16:41	05/25/11 14:06	1
alpha-BHC	0.0058	U	0.051	0.0058	ug/L		05/23/11 16:41	05/25/11 14:06	1
beta-BHC	0.0069	U *	0.051	0.0069	ug/L		05/23/11 16:41	05/25/11 14:06	1
Chlordane (technical)	0.10	U	0.51	0.10	ug/L		05/23/11 16:41	05/25/11 14:06	1
delta-BHC	0.0049	U	0.051	0.0049	ug/L		05/23/11 16:41	05/25/11 14:06	1
Dieldrin	0.0093	U	0.10	0.0093	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endosulfan I	0.0043	U	0.051	0.0043	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endosulfan II	0.010	U	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endosulfan sulfate	0.0070	U	0.10	0.0070	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endrin	0.0099	U	0.10	0.0099	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endrin aldehyde	0.016	U *	0.10	0.016	ug/L		05/23/11 16:41	05/25/11 14:06	1
Endrin ketone	0.0086	U	0.10	0.0086	ug/L		05/23/11 16:41	05/25/11 14:06	1
gamma-BHC (Lindane)	0.0060	U	0.051	0.0060	ug/L		05/23/11 16:41	05/25/11 14:06	1
Heptachlor	0.0072	U	0.051	0.0072	ug/L		05/23/11 16:41	05/25/11 14:06	1
Heptachlor epoxide	0.0061	U	0.051	0.0061	ug/L		05/23/11 16:41	05/25/11 14:06	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1016	0.073	U	1.0	0.073	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1221	0.29	U	2.0	0.29	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1232	0.11	U	1.0	0.11	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1242	0.18	U	1.0	0.18	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1248	0.37	U	1.0	0.37	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1254	0.27	U	1.0	0.27	ug/L		05/23/11 16:41	05/25/11 14:06	1
PCB-1260	0.20	U	1.0	0.20	ug/L		05/23/11 16:41	05/25/11 14:06	1
Toxaphene	0.51	U	5.1	0.51	ug/L		05/23/11 16:41	05/25/11 14:06	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*	*X*	*40 - 130*	*05/23/11 16:41*	*05/25/11 14:06*	*1*
Tetrachloro-m-xylene	*70*		*36 - 130*	*05/23/11 16:41*	*05/25/11 14:06*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.038	U	0.51	0.038	ug/L		05/24/11 08:34	05/25/11 12:58	1
2,4-DB	0.15	U	0.51	0.15	ug/L		05/24/11 08:34	05/25/11 12:58	1
2,4,5-T	0.063	U	0.51	0.063	ug/L		05/24/11 08:34	05/25/11 12:58	1
Silvex (2,4,5-TP)	0.063	U	0.51	0.063	ug/L		05/24/11 08:34	05/25/11 12:58	1
Dalapon	0.10	U	10	0.10	ug/L		05/24/11 08:34	05/25/11 12:58	1
Dicamba	0.087	U	0.51	0.087	ug/L		05/24/11 08:34	05/25/11 12:58	1
Dichlorprop	0.15	U	0.51	0.15	ug/L		05/24/11 08:34	05/25/11 12:58	1
Dinoseb	0.16	U	6.1	0.16	ug/L		05/24/11 08:34	05/25/11 12:58	1
MCPA	17	U	120	17	ug/L		05/24/11 08:34	05/25/11 12:58	1
Mecoprop	19	U	120	19	ug/L		05/24/11 08:34	05/25/11 12:58	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*55*	*p*	*52 - 151*	*05/24/11 08:34*	*05/25/11 12:58*	*1*
DCAA	*83*		*52 - 151*	*05/24/11 08:34*	*05/25/11 12:58*	*1*

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-03-SW-02
Date Collected: 05/22/11 11:45
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-3
Matrix: Water

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U H	50	5.0	ug/L		05/26/11 10:44	05/26/11 22:45	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:09	1
Aluminum	**220**		100	50	ug/L		05/24/11 10:09	05/25/11 14:09	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:09	1
Barium	**33**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:09	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:09	1
Calcium	**16000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:09	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:09	1
Cobalt	**0.33**	**J**	0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:09	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:09	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:09	1
Iron	**970**		100	44	ug/L		05/24/11 10:09	05/25/11 14:09	1
Potassium	**1600**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:09	1
Magnesium	**1800**		250	100	ug/L		05/24/11 10:09	05/25/11 14:09	1
Manganese	**92**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:09	1
Sodium	**17000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:09	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:09	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:09	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:09	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:09	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:09	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:09	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 14:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:51	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.67**	**HF**			SU			05/23/11 16:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.5**		5.0	1.0	mg/L			05/24/11 10:35	5
Sulfate	**10**		5.0	2.6	mg/L			05/24/11 10:35	5
Ammonia	**0.13**		0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**0.95**		0.20	0.15	mg/L		05/25/11 12:30	05/26/11 09:55	1
Nitrate Nitrite as N	**0.35**		0.050	0.010	mg/L			05/23/11 17:00	1
Phosphorus	**0.25**		0.10	0.024	mg/L		05/25/11 12:30	05/26/11 13:30	1
Chemical Oxygen Demand	**16**	**J**	20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**9.8**	**H**	0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	1.0	U	1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**0.16**		0.030	0.030	mg/L			05/25/11 15:29	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-04-SD-01
Date Collected: 05/22/11 16:05
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-4
Matrix: Solid
Percent Solids: 64.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	4.0	U	8.4	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1,1-Trichloroethane	0.99	U	8.4	0.99	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1,2,2-Tetrachloroethane	2.7	U	8.4	2.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1,2-Trichloroethane	2.2	U	8.4	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1-Dichloroethane	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1-Dichloroethene	2.5	U	8.4	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,1-Dichloropropene	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2,3-Trichlorobenzene	2.7	U	8.4	2.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2,3-Trichloropropane	4.0	U	8.4	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2,4-Trichlorobenzene	1.5	U	8.4	1.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2,4-Trimethylbenzene	2.3	U	8.4	2.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2-Dibromo-3-Chloropropane	7.4	U	17	7.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2-Dichlorobenzene	2.2	U	8.4	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2-Dichloroethane	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2-Dichloroethene, Total	1.1	U	17	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,2-Dichloropropane	1.4	U	8.4	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,3,5-Trimethylbenzene	2.8	U	8.4	2.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,3-Dichlorobenzene	2.7	U	8.4	2.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,3-Dichloropropane	3.0	U	8.4	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
1,4-Dichlorobenzene	1.2	U	8.4	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
2,2-Dichloropropane	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
2-Chlorotoluene	3.3	U	8.4	3.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
2-Hexanone	5.5	U	42	5.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
4-Chlorotoluene	2.8	U	8.4	2.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Acetone	18	U	84	18	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Benzene	1.2	U	8.4	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Bromobenzene	2.8	U	8.4	2.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Bromochloromethane	5.5	U	8.4	5.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Bromoform	2.5	U	8.4	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Bromodichloromethane	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Bromomethane	2.5	U	8.4	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Carbon disulfide	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Carbon tetrachloride	1.4	U	8.4	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Chlorobenzene	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Chloroethane	4.5	U	8.4	4.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Chloroform	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Chloromethane	1.7	U	8.4	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
cis-1,2-Dichloroethene	2.3	U	8.4	2.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
cis-1,3-Dichloropropene	1.4	U	8.4	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Dibromochloromethane	2.8	U	8.4	2.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Dibromomethane	2.8	U	8.4	2.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Dichlorodifluoromethane	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Ethylbenzene	2.2	U	8.4	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Isopropylbenzene	3.2	U	8.4	3.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
m-Xylene & p-Xylene	4.3	U	17	4.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Methyl tert-butyl ether	1.7	U	84	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Methylene Chloride	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
4-Methyl-2-pentanone	7.0	U	42	7.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
2-Butanone	4.0	U	42	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1

Client Sample ID: OR-04-SD-01
Date Collected: 05/22/11 16:05
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-4
Matrix: Solid
Percent Solids: 64.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	2.5	U	8.4	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
n-Butylbenzene	4.0	U	8.4	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
N-Propylbenzene	4.5	U	8.4	4.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
o-Xylene	1.8	U	8.4	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
p-Isopropyltoluene	3.7	U	8.4	3.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
sec-Butylbenzene	3.5	U	8.4	3.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Styrene	1.6	U	8.4	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
tert-Butylbenzene	3.0	U	8.4	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Tetrachloroethene	3.2	U	8.4	3.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Toluene	1.4	U	8.4	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
trans-1,2-Dichloroethene	1.1	U	8.4	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
trans-1,3-Dichloropropene	1.5	U	8.4	1.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Trichloroethene	2.2	U	8.4	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Trichlorofluoromethane	2.0	U	8.4	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Vinyl acetate	4.2	U	17	4.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Vinyl chloride	2.5	U	8.4	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1
Xylenes, Total	1.8	U	17	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon Dioxide	*2900*	*T B J N*	*ug/Kg*	☼	*0.84*	*124-38-9*	*05/23/11 18:27*	*05/24/11 11:01*	*1*
Unknown	*8.8*	*T J N*	*ug/Kg*	☼	*1.73*		*05/23/11 18:27*	*05/24/11 11:01*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:01*	*1*
Dibromofluoromethane	*111*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:01*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:01*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Acenaphthylene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Acetophenone	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Anthracene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzo[a]anthracene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzo[b]fluoranthene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzo[k]fluoranthene	3.1	U	10	3.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzo[g,h,i]perylene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzo[a]pyrene	1.9	U	10	1.9	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Bis(2-chloroethoxy)methane	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Bis(2-chloroethyl)ether	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Bis(2-ethylhexyl) phthalate	**34**	**J B**	100	9.3	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Bromophenyl phenyl ether	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Butyl benzyl phthalate	8.5	U	51	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Carbazole	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Chloroaniline	8.0	U	100	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Chloro-3-methylphenol	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2-Chloronaphthalene	9.3	U	51	9.3	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2-Chlorophenol	8.2	U	51	8.2	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Chlorophenyl phenyl ether	9.9	U	51	9.9	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Chrysene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Dibenz(a,h)anthracene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1

Client Sample ID: OR-04-SD-01
Date Collected: 05/22/11 16:05
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-4
Matrix: Solid
Percent Solids: 64.3

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Di-n-butyl phthalate	26	U	260	26	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
3,3'-Dichlorobenzidine	26	U	100	26	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4-Dichlorophenol	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Diethyl phthalate	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4-Dimethylphenol	12	U	100	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Dimethyl phthalate	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4,6-Dinitro-2-methylphenol	26	U	260	26	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4-Dinitrophenol	26	U	510	26	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4-Dinitrotoluene	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,6-Dinitrotoluene	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Di-n-octyl phthalate	5.6	U	51	5.6	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
N-Nitrosodiphenylamine	9.4	U	51	9.4	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Fluoranthene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Fluorene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Hexachlorobenzene	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Hexachlorobutadiene	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Hexachlorocyclopentadiene	5.7	U	100	5.7	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Hexachloroethane	9.0	U	51	9.0	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Indeno[1,2,3-cd]pyrene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Isophorone	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2-Methylphenol	9.7	U	51	9.7	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
3 & 4 Methylphenol	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Naphthalene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2-Nitroaniline	11	U	260	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
3-Nitroaniline	10	U	260	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Nitroaniline	13	U	260	13	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Nitrobenzene	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2-Nitrophenol	9.0	U	51	9.0	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
4-Nitrophenol	110	U	260	110	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
N-Nitrosodi-n-propylamine	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Pentachlorophenol	26	U	260	26	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Phenanthrene	3.7	U	10	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Phenol	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Pyrene	5.1	U	10	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4,5-Trichlorophenol	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
2,4,6-Trichlorophenol	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Atrazine	12	U	51	12	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Benzaldehyde	15	U	51	15	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
1,1'-Biphenyl	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
Caprolactam	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1
bis (2-chloroisopropyl) ether	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7800*	*T J*	*ug/Kg*	☼	*4.08*		*05/24/11 15:45*	*05/25/11 15:38*	*1*
Unknown	*120*	*T J*	*ug/Kg*	☼	*4.79*		*05/24/11 15:45*	*05/25/11 15:38*	*1*
Unknown Organic Acid	*140*	*T J*	*ug/Kg*	☼	*11.26*		*05/24/11 15:45*	*05/25/11 15:38*	*1*
Unknown Organic Acid	*50*	*T J*	*ug/Kg*	☼	*11.29*		*05/24/11 15:45*	*05/25/11 15:38*	*1*
Hexadecanoic acid	*160*	*T J N*	*ug/Kg*	☼	*11.34*	*57-10-3*	*05/24/11 15:45*	*05/25/11 15:38*	*1*
Unknown Organic Acid	*67*	*T J*	*ug/Kg*	☼	*11.55*		*05/24/11 15:45*	*05/25/11 15:38*	*1*

Client Sample ID: OR-04-SD-01
Date Collected: 05/22/11 16:05
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-4
Matrix: Solid
Percent Solids: 64.3

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	48	T J	ug/Kg	☼	11.88		05/24/11 15:45	05/25/11 15:38	1
Unknown	41	T J	ug/Kg	☼	12.10		05/24/11 15:45	05/25/11 15:38	1
Unknown Organic Acid	170	T J	ug/Kg	☼	12.20		05/24/11 15:45	05/25/11 15:38	1
Unknown Organic Acid	76	T J	ug/Kg	☼	12.28		05/24/11 15:45	05/25/11 15:38	1
Unknown	51	T J	ug/Kg	☼	12.41		05/24/11 15:45	05/25/11 15:38	1
Unknown	53	T J	ug/Kg	☼	13.19		05/24/11 15:45	05/25/11 15:38	1
Unknown	55	T J	ug/Kg	☼	13.21		05/24/11 15:45	05/25/11 15:38	1
Unknown Organic Acid	49	T J	ug/Kg	☼	13.33		05/24/11 15:45	05/25/11 15:38	1
Unknown	49	T J	ug/Kg	☼	13.72		05/24/11 15:45	05/25/11 15:38	1
Unknown	72	T J	ug/Kg	☼	13.74		05/24/11 15:45	05/25/11 15:38	1
Acetic acid, (triphenylphosphoranylidene	120	T J N	ug/Kg	☼	14.05	2605-67-6	05/24/11 15:45	05/25/11 15:38	1
Eicosane, 10-methyl-	70	T J N	ug/Kg	☼	15.20	54833-23-7	05/24/11 15:45	05/25/11 15:38	1
Heneicosane	54	T J N	ug/Kg	☼	16.01	629-94-7	05/24/11 15:45	05/25/11 15:38	1
Unknown	47	T J	ug/Kg	☼	16.07		05/24/11 15:45	05/25/11 15:38	1
Unknown	50	T J	ug/Kg	☼	16.48		05/24/11 15:45	05/25/11 15:38	1
Unknown	53	T J	ug/Kg	☼	16.75		05/24/11 15:45	05/25/11 15:38	1
Unknown	100	T J	ug/Kg	☼	17.63		05/24/11 15:45	05/25/11 15:38	1
Unknown	52	T J	ug/Kg	☼	18.15		05/24/11 15:45	05/25/11 15:38	1
Unknown	48	T J	ug/Kg	☼	18.60		05/24/11 15:45	05/25/11 15:38	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		11 - 130	05/24/11 15:45	05/25/11 15:38	1
2-Fluorophenol	70		10 - 130	05/24/11 15:45	05/25/11 15:38	1
Nitrobenzene-d5	75		18 - 130	05/24/11 15:45	05/25/11 15:38	1
Phenol-d5	74		10 - 130	05/24/11 15:45	05/25/11 15:38	1
Terphenyl-d14	80		27 - 130	05/24/11 15:45	05/25/11 15:38	1
2,4,6-Tribromophenol	104		24 - 130	05/24/11 15:45	05/25/11 15:38	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**7.6**		5.1	0.37	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
4,4'-DDE	0.29	U	5.1	0.29	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
4,4'-DDT	**20**	**B**	5.1	0.36	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Aldrin	0.70	U	2.6	0.70	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
alpha-BHC	**1.1**	**J**	2.6	0.17	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
beta-BHC	0.17	U	2.6	0.17	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
delta-BHC	0.20	U	2.6	0.20	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Dieldrin	0.43	U	5.1	0.43	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endosulfan I	0.23	U	2.6	0.23	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endosulfan II	0.36	U	5.1	0.36	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endosulfan sulfate	0.37	U	5.1	0.37	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endrin	1.1	U	5.1	1.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endrin aldehyde	0.46	U	5.1	0.46	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Endrin ketone	0.42	U	5.1	0.42	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
gamma-BHC (Lindane)	0.17	U	2.6	0.17	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Heptachlor	0.13	U	2.6	0.13	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Heptachlor epoxide	0.22	U	2.6	0.22	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Methoxychlor	**1.3**	**J**	5.1	0.54	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Chlordane (technical)	4.5	U	26	4.5	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-04-SD-01
Date Collected: 05/22/11 16:05
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-4
Matrix: Solid
Percent Solids: 64.3

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	4.5	U	51	4.5	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1221	7.4	U	100	7.4	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1232	5.1	U	51	5.1	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1242	4.3	U	51	4.3	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1248	11	U	51	11	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1254	3.6	U	51	3.6	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
PCB-1260	10	U	51	10	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1
Toxaphene	93	U	260	93	ug/Kg	☼	05/24/11 15:45	05/25/11 15:51	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*60 - 139*	*05/24/11 15:45*	*05/25/11 15:51*	*1*
Tetrachloro-m-xylene	*84*		*60 - 139*	*05/24/11 15:45*	*05/25/11 15:51*	*1*
DCB Decachlorobiphenyl	*113*		*70 - 130*	*05/24/11 15:45*	*05/25/11 15:51*	*1*
DCB Decachlorobiphenyl	*108*		*70 - 130*	*05/24/11 15:45*	*05/25/11 15:51*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	7.6	U	13	7.6	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
2,4-DB	4.6	U	13	4.6	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
2,4,5-T	3.5	U	13	3.5	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
Silvex (2,4,5-TP)	2.4	U	13	2.4	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
Dalapon	4.4	U	500	4.4	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
Dicamba	2.9	U	13	2.9	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
Dichlorprop	1.7	U	13	1.7	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
MCPA	290	U	3100	290	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1
Mecoprop	260	U *	3100	260	ug/Kg	☼	05/24/11 07:04	05/25/11 14:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*68*		*35 - 137*	*05/24/11 07:04*	*05/25/11 14:34*	*1*
DCAA	*61*		*35 - 137*	*05/24/11 07:04*	*05/25/11 14:34*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**310**		160	120	ug/Kg	☼	05/25/11 07:30	05/25/11 11:38	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.15	U	0.30	0.15	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Aluminum	**610**		30	9.3	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Arsenic	0.30	U	0.74	0.30	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Barium	**4.2**		1.5	0.37	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Beryllium	0.074	U	0.15	0.074	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Calcium	**80**	**J**	150	74	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1
Cadmium	**0.037**	**J**	0.15	0.036	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Cobalt	**0.80**		0.15	0.044	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Chromium	**0.96**	**J**	1.5	0.74	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1
Copper	0.59	U	1.5	0.59	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Iron	**420**		74	30	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1
Potassium	44	U	74	44	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Magnesium	**24**	**J**	74	8.9	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1
Manganese	**19**		3.0	1.5	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1

Client Sample ID: OR-04-SD-01

Lab Sample ID: 680-68645-4

Date Collected: 05/22/11 16:05

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 64.3

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**83**		74	47	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Nickel	0.74	U	1.5	0.74	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Lead	**0.68**		0.59	0.30	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Antimony	1.5	U	3.0	1.5	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Selenium	0.74	U	1.5	0.74	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Thallium	0.074	U	0.30	0.074	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Vanadium	**0.98**	**J**	1.5	0.81	mg/Kg	☼	05/24/11 08:08	05/25/11 07:41	1
Zinc	**6.3**		5.9	1.6	mg/Kg	☼	05/24/11 08:08	05/25/11 15:06	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg	☼	05/24/11 11:17	05/24/11 17:24	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.34**				SU			05/23/11 18:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1.8**		0.47	0.20	mg/Kg	☼	05/24/11 10:17	05/24/11 14:01	1
Nitrogen, Kjeldahl	**64**	**J**	67	40	mg/Kg	☼	05/25/11 13:30	05/26/11 10:28	1
Phosphorus	**31**		27	15	mg/Kg	☼	05/25/11 13:30	05/26/11 13:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	93	U	93	93	mg/Kg	☼	05/25/11 11:00	05/25/11 13:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31	U	150	31	mg/Kg	☼		05/24/11 12:18	5
Sulfate	**32**	**J**	150	31	mg/Kg	☼		05/24/11 12:18	5
Nitrate Nitrite as N	**1.2**	**J**	3.1	0.84	mg/Kg	☼		05/24/11 16:29	1

Client Sample ID: OR-04-SW-03

Lab Sample ID: 680-68645-5

Date Collected: 05/22/11 16:20

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 02:46	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 02:46	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 02:46	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 02:46	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 02:46	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 02:46	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 02:46	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:46	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 02:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 02:46	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:46	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 02:46	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-04-SW-03
Date Collected: 05/22/11 16:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:46	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 02:46	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 02:46	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 02:46	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 02:46	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 02:46	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 02:46	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 02:46	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 02:46	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:46	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 02:46	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 02:46	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
Bromomethane	**4.6**		1.0	0.80	ug/L			05/24/11 02:46	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 02:46	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 02:46	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 02:46	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 02:46	1
Chloromethane	**44**		1.0	0.33	ug/L			05/24/11 02:46	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:46	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 02:46	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 02:46	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 02:46	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 02:46	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:46	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/24/11 02:46	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 02:46	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 02:46	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 02:46	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 02:46	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 02:46	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 02:46	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 02:46	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 02:46	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 02:46	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 02:46	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 02:46	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 02:46	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 02:46	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 02:46	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 02:46	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 02:46	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 02:46	1

Client Sample ID: OR-04-SW-03
Date Collected: 05/22/11 16:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**1.3**		1.0	0.18	ug/L			05/24/11 02:46	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/24/11 02:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldehyde	*13*	*T J*	*ug/L*		*1.32*			*05/24/11 02:46*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*05/24/11 02:46*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/24/11 02:46*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/24/11 02:46*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Acenaphthylene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Acetophenone	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Anthracene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzo[a]anthracene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzo[b]fluoranthene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzo[k]fluoranthene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzo[g,h,i]perylene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzo[a]pyrene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Bis(2-chloroethoxy)methane	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Bis(2-chloroethyl)ether	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Bis(2-ethylhexyl) phthalate	0.60	U	1.9	0.60	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Bromophenyl phenyl ether	0.11	U	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
Butyl benzyl phthalate	0.11	U	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
Carbazole	0.093	U	1.9	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Chloroaniline	**0.85**	**J**	1.9	0.33	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Chloro-3-methylphenol	0.11	U	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Chloronaphthalene	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Chlorophenol	**0.11**	**J**	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Chlorophenyl phenyl ether	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Chrysene	0.042	U	0.19	0.042	ug/L		05/23/11 16:41	05/25/11 13:20	1
Dibenz(a,h)anthracene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Dibenzofuran	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Di-n-butyl phthalate	0.36	U	0.93	0.36	ug/L		05/23/11 16:41	05/25/11 13:20	1
3,3'-Dichlorobenzidine	1.9	U	19	1.9	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4-Dichlorophenol	**0.13**	**J**	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Diethyl phthalate	0.10	U	0.93	0.10	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4-Dimethylphenol	0.64	U	1.9	0.64	ug/L		05/23/11 16:41	05/25/11 13:20	1
Dimethyl phthalate	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
4,6-Dinitro-2-methylphenol	0.12	U	4.7	0.12	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4-Dinitrophenol	1.0	U	9.3	1.0	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4-Dinitrotoluene	0.11	U	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,6-Dinitrotoluene	0.12	U	0.93	0.12	ug/L		05/23/11 16:41	05/25/11 13:20	1
Di-n-octyl phthalate	0.16	U	0.93	0.16	ug/L		05/23/11 16:41	05/25/11 13:20	1
N-Nitrosodiphenylamine	0.34	U	0.93	0.34	ug/L		05/23/11 16:41	05/25/11 13:20	1
1,4-Dioxane	0.29	U	1.9	0.29	ug/L		05/23/11 16:41	05/25/11 13:20	1
Fluoranthene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Fluorene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1

Client Sample ID: OR-04-SW-03
Date Collected: 05/22/11 16:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-5
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Hexachlorocyclopentadiene	0.47	U	1.9	0.47	ug/L		05/23/11 16:41	05/25/11 13:20	1
Hexachloroethane	0.47	U	0.93	0.47	ug/L		05/23/11 16:41	05/25/11 13:20	1
Indeno[1,2,3-cd]pyrene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Isophorone	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Methylnaphthalene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Methylphenol	**1.3**	**J**	1.9	0.69	ug/L		05/23/11 16:41	05/25/11 13:20	1
3 & 4 Methylphenol	0.61	U	1.9	0.61	ug/L		05/23/11 16:41	05/25/11 13:20	1
Naphthalene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Nitroaniline	0.15	U	0.93	0.15	ug/L		05/23/11 16:41	05/25/11 13:20	1
3-Nitroaniline	0.15	U	4.7	0.15	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Nitroaniline	0.47	U	4.7	0.47	ug/L		05/23/11 16:41	05/25/11 13:20	1
Nitrobenzene	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2-Nitrophenol	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
4-Nitrophenol	0.47	U	4.7	0.47	ug/L		05/23/11 16:41	05/25/11 13:20	1
N-Nitrosodi-n-propylamine	0.12	U	0.93	0.12	ug/L		05/23/11 16:41	05/25/11 13:20	1
Pentachlorophenol	0.37	U	4.7	0.37	ug/L		05/23/11 16:41	05/25/11 13:20	1
Phenanthrene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Phenol	0.12	U	0.93	0.12	ug/L		05/23/11 16:41	05/25/11 13:20	1
Pyrene	0.093	U	0.19	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4,5-Trichlorophenol	0.11	U	0.93	0.11	ug/L		05/23/11 16:41	05/25/11 13:20	1
2,4,6-Trichlorophenol	0.16	U	0.93	0.16	ug/L		05/23/11 16:41	05/25/11 13:20	1
Atrazine	0.33	U	1.9	0.33	ug/L		05/23/11 16:41	05/25/11 13:20	1
Benzaldehyde	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
1,1'-Biphenyl	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1
Caprolactam	0.12	U	0.93	0.12	ug/L		05/23/11 16:41	05/25/11 13:20	1
bis (2-chloroisopropyl) ether	0.093	U	0.93	0.093	ug/L		05/23/11 16:41	05/25/11 13:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*8.0*	*T A J*	*ug/L*		*4.04*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*0.53*	*T J*	*ug/L*		*4.77*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Benzene, 1-chloro-4-nitroso-	*2.1*	*T J N*	*ug/L*		*5.87*	*932-98-9*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
Methyl Phenols,Total	*1.3*	*J*	*ug/L*		*6.12*	*1319-77-3*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
Benzoic acid	*1.1*	*J*	*ug/L*		*6.71*	*65-85-0*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown Organic Acid	*0.66*	*T J*	*ug/L*		*7.38*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Phenol, 4-chloro-3-methyl-	*1.9*	*T J N*	*ug/L*		*7.48*	*59-50-7*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.0*	*T J*	*ug/L*		*7.58*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*7.2*	*T J*	*ug/L*		*8.36*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
5-Chloro-2-methylquinoxaline	*0.57*	*T J N*	*ug/L*		*8.80*	*76982-24-6*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
3-Chloroformanilide	*1.9*	*T J N*	*ug/L*		*9.09*	*139-71-9*	*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*10.94*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.1*	*T J*	*ug/L*		*11.14*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.2*	*T J*	*ug/L*		*11.22*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*0.58*	*T J*	*ug/L*		*11.36*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*0.81*	*T J*	*ug/L*		*11.47*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.2*	*T J*	*ug/L*		*11.51*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*11.65*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*1.1*	*T J*	*ug/L*		*11.72*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*0.90*	*T J*	*ug/L*		*11.82*		*05/23/11 16:41*	*05/25/11 13:20*	*1*
Unknown	*8.7*	*T J*	*ug/L*		*12.20*		*05/23/11 16:41*	*05/25/11 13:20*	*1*

Client Sample ID: OR-04-SW-03
Date Collected: 05/22/11 16:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-5
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.88	T J	ug/L		12.28		05/23/11 16:41	05/25/11 13:20	1
Unknown	1.0	T J	ug/L		12.41		05/23/11 16:41	05/25/11 13:20	1
Unknown	1.4	T J	ug/L		13.19		05/23/11 16:41	05/25/11 13:20	1
(Carbethoxyethylidine)triphenylphosphora	2.6	T J N	ug/L		14.06	5717-37-3	05/23/11 16:41	05/25/11 13:20	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		34 - 130	05/23/11 16:41	05/25/11 13:20	1
2-Fluorophenol	57		25 - 130	05/23/11 16:41	05/25/11 13:20	1
Nitrobenzene-d5	68		32 - 130	05/23/11 16:41	05/25/11 13:20	1
Phenol-d5	56		27 - 130	05/23/11 16:41	05/25/11 13:20	1
Terphenyl-d14	49		36 - 130	05/23/11 16:41	05/25/11 13:20	1
2,4,6-Tribromophenol	93		30 - 130	05/23/11 16:41	05/25/11 13:20	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.10	0.0068	ug/L		05/23/11 16:41	05/25/11 14:25	1
4,4'-DDE	0.0080	U	0.10	0.0080	ug/L		05/23/11 16:41	05/25/11 14:25	1
4,4'-DDT	**0.048**	**J B**	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 14:25	1
Aldrin	0.0073	U	0.052	0.0073	ug/L		05/23/11 16:41	05/25/11 14:25	1
alpha-BHC	0.0059	U	0.052	0.0059	ug/L		05/23/11 16:41	05/25/11 14:25	1
beta-BHC	0.0070	U *	0.052	0.0070	ug/L		05/23/11 16:41	05/25/11 14:25	1
Chlordane (technical)	0.10	U	0.52	0.10	ug/L		05/23/11 16:41	05/25/11 14:25	1
delta-BHC	0.0050	U	0.052	0.0050	ug/L		05/23/11 16:41	05/25/11 14:25	1
Dieldrin	0.0095	U	0.10	0.0095	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endosulfan I	0.0044	U	0.052	0.0044	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endosulfan II	0.010	U	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endosulfan sulfate	**0.018**	**J p**	0.10	0.0071	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endrin	0.010	U	0.10	0.010	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endrin aldehyde	0.017	U *	0.10	0.017	ug/L		05/23/11 16:41	05/25/11 14:25	1
Endrin ketone	0.0087	U	0.10	0.0087	ug/L		05/23/11 16:41	05/25/11 14:25	1
gamma-BHC (Lindane)	0.0061	U	0.052	0.0061	ug/L		05/23/11 16:41	05/25/11 14:25	1
Heptachlor	0.0073	U	0.052	0.0073	ug/L		05/23/11 16:41	05/25/11 14:25	1
Heptachlor epoxide	0.0062	U	0.052	0.0062	ug/L		05/23/11 16:41	05/25/11 14:25	1
Methoxychlor	0.014	U	0.10	0.014	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1016	0.074	U	1.0	0.074	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1221	0.29	U	2.1	0.29	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1232	0.11	U	1.0	0.11	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1242	0.19	U	1.0	0.19	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1248	0.37	U	1.0	0.37	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1254	0.27	U	1.0	0.27	ug/L		05/23/11 16:41	05/25/11 14:25	1
PCB-1260	0.21	U	1.0	0.21	ug/L		05/23/11 16:41	05/25/11 14:25	1
Toxaphene	0.52	U	5.2	0.52	ug/L		05/23/11 16:41	05/25/11 14:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	16	X	40 - 130	05/23/11 16:41	05/25/11 14:25	1
Tetrachloro-m-xylene	64		36 - 130	05/23/11 16:41	05/25/11 14:25	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.49	0.036	ug/L		05/24/11 08:34	05/25/11 13:14	1

Client Sample ID: OR-04-SW-03
Date Collected: 05/22/11 16:20
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-5
Matrix: Water

Method: 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 13:14	1
2,4,5-T	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 13:14	1
Silvex (2,4,5-TP)	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 13:14	1
Dalapon	0.098	U	9.8	0.098	ug/L		05/24/11 08:34	05/25/11 13:14	1
Dicamba	0.083	U	0.49	0.083	ug/L		05/24/11 08:34	05/25/11 13:14	1
Dichlorprop	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 13:14	1
Dinoseb	0.16	U	5.9	0.16	ug/L		05/24/11 08:34	05/25/11 13:14	1
MCPA	17	U	120	17	ug/L		05/24/11 08:34	05/25/11 13:14	1
Mecoprop	19	U	120	19	ug/L		05/24/11 08:34	05/25/11 13:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*2481*	*E X*	*52 - 151*	*05/24/11 08:34*	*05/25/11 13:14*	*1*
DCAA	*115*	*p*	*52 - 151*	*05/24/11 08:34*	*05/25/11 13:14*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**400**		50	5.0	ug/L		05/24/11 10:04	05/24/11 13:39	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:13	1
Aluminum	**240**		100	50	ug/L		05/24/11 10:09	05/25/11 14:13	1
Arsenic	**7.8**		2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:13	1
Barium	**31**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:13	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:13	1
Calcium	**12000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:13	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:13	1
Cobalt	**0.27**	**J**	0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:13	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:13	1
Copper	**3.5**	**J**	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:13	1
Iron	**600**		100	44	ug/L		05/24/11 10:09	05/25/11 14:13	1
Potassium	**7700**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:13	1
Magnesium	**2100**		250	100	ug/L		05/24/11 10:09	05/25/11 14:13	1
Manganese	**56**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:13	1
Sodium	**270000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:13	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:13	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:13	1
Antimony	**5.4**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:13	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:13	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:13	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:13	1
Zinc	**33**		20	8.4	ug/L		05/24/11 10:09	05/25/11 14:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:54	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.30**	**HF**			SU			05/23/11 16:59	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-04-SW-03

Lab Sample ID: 680-68645-5

Date Collected: 05/22/11 16:20

Matrix: Water

Date Received: 05/23/11 14:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42**		5.0	1.0	mg/L			05/24/11 10:49	5
Sulfate	**240**		5.0	2.6	mg/L			05/24/11 10:49	5
Ammonia	**1.2**		0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**5.5**		0.40	0.30	mg/L		05/25/11 12:30	05/26/11 10:50	2
Nitrate Nitrite as N	**2.0**		0.25	0.050	mg/L			05/23/11 17:29	5
Phosphorus	**6.9**		0.20	0.048	mg/L		05/25/11 12:30	05/26/11 13:23	2
Chemical Oxygen Demand	**94**		20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**7.9**	**H**	0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	**1.8**		1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	**2.2**		2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**1.4**		0.030	0.030	mg/L			05/25/11 15:29	1

Client Sample ID: OR-05-SD-02

Lab Sample ID: 680-68645-6

Date Collected: 05/22/11 18:25

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	2.9	U	6.1	2.9	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1,1-Trichloroethane	0.72	U	6.1	0.72	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1,2,2-Tetrachloroethane	2.0	U	6.1	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1,2-Trichloroethane	1.6	U	6.1	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1-Dichloroethane	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1-Dichloroethene	1.8	U	6.1	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,1-Dichloropropene	1.2	U	6.1	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2,3-Trichlorobenzene	2.0	U	6.1	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2,3-Trichloropropane	2.9	U	6.1	2.9	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2,4-Trichlorobenzene	1.1	U	6.1	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2,4-Trimethylbenzene	1.7	U	6.1	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dibromo-3-Chloropropane	5.4	U	12	5.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dichlorobenzene	1.6	U	6.1	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dichloroethane	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dichloroethene, Total	0.77	U	12	0.77	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dichloropropane	1.1	U	6.1	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,3,5-Trimethylbenzene	2.1	U	6.1	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,3-Dichlorobenzene	2.0	U	6.1	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,3-Dichloropropane	2.2	U	6.1	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,4-Dichlorobenzene	0.90	U	6.1	0.90	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
2,2-Dichloropropane	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
2-Chlorotoluene	2.4	U	6.1	2.4	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
2-Hexanone	4.0	U	31	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
4-Chlorotoluene	2.1	U	6.1	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Acetone	13	U	61	13	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Benzene	0.89	U	6.1	0.89	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Bromobenzene	2.1	U	6.1	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Bromochloromethane	4.0	U	6.1	4.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Bromoform	1.8	U	6.1	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1

Client Sample ID: OR-05-SD-02
Date Collected: 05/22/11 18:25
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-6
Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.2	U	6.1	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Bromomethane	1.8	U	6.1	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Carbon disulfide	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Carbon tetrachloride	1.0	U	6.1	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Chlorobenzene	1.2	U	6.1	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Chloroethane	3.3	U	6.1	3.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Chloroform	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Chloromethane	1.2	U	6.1	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
cis-1,2-Dichloroethene	1.7	U	6.1	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
cis-1,3-Dichloropropene	1.0	U	6.1	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Dibromochloromethane	2.1	U	6.1	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Dibromomethane	2.1	U	6.1	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Dichlorodifluoromethane	1.1	U	6.1	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Ethylbenzene	1.6	U	6.1	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Isopropylbenzene	2.3	U	6.1	2.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
m-Xylene & p-Xylene	3.2	U	12	3.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Methyl tert-butyl ether	1.2	U	61	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Methylene Chloride	1.2	U	6.1	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
4-Methyl-2-pentanone	5.1	U	31	5.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
2-Butanone	2.9	U	31	2.9	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
1,2-Dibromoethane	1.8	U	6.1	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
n-Butylbenzene	2.9	U	6.1	2.9	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
N-Propylbenzene	3.3	U	6.1	3.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
o-Xylene	1.3	U	6.1	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
p-Isopropyltoluene	2.7	U	6.1	2.7	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
sec-Butylbenzene	2.6	U	6.1	2.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Styrene	1.1	U	6.1	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
tert-Butylbenzene	2.2	U	6.1	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Tetrachloroethene	2.3	U	6.1	2.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Toluene	1.0	U	6.1	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
trans-1,2-Dichloroethene	0.77	U	6.1	0.77	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
trans-1,3-Dichloropropene	1.1	U	6.1	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Trichloroethene	1.6	U	6.1	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Trichlorofluoromethane	1.5	U	6.1	1.5	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Vinyl acetate	3.1	U	12	3.1	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Vinyl chloride	1.8	U	6.1	1.8	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1
Xylenes, Total	1.3	U	12	1.3	ug/Kg	☼	05/23/11 18:27	05/24/11 11:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon Dioxide	*1700*	*T B J N*	*ug/Kg*	☼	*0.84*	*124-38-9*	*05/23/11 18:27*	*05/24/11 11:23*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:23*	*1*
Dibromofluoromethane	*104*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:23*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:23*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Acenaphthylene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Acetophenone	7.6	U	37	7.6	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-05-SD-02
Date Collected: 05/22/11 18:25
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-6
Matrix: Solid
Percent Solids: 88.7

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzo[a]anthracene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzo[b]fluoranthene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzo[k]fluoranthene	2.2	U	7.5	2.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzo[g,h,i]perylene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzo[a]pyrene	1.3	U	7.5	1.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Bis(2-chloroethoxy)methane	7.2	U	37	7.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Bis(2-chloroethyl)ether	7.2	U	37	7.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Bis(2-ethylhexyl) phthalate	**22**	**J B**	73	6.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Bromophenyl phenyl ether	7.7	U	37	7.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Butyl benzyl phthalate	6.1	U	37	6.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Carbazole	7.5	U	37	7.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Chloroaniline	5.8	U	73	5.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Chloro-3-methylphenol	7.8	U	37	7.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2-Chloronaphthalene	6.7	U	37	6.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2-Chlorophenol	5.9	U	37	5.9	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Chlorophenyl phenyl ether	7.1	U	37	7.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Chrysene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Dibenz(a,h)anthracene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Dibenzofuran	7.5	U	37	7.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Di-n-butyl phthalate	19	U	190	19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
3,3'-Dichlorobenzidine	19	U	73	19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4-Dichlorophenol	8.0	U	37	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Diethyl phthalate	8.2	U	37	8.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4-Dimethylphenol	8.5	U	73	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Dimethyl phthalate	8.3	U	37	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4,6-Dinitro-2-methylphenol	19	U	190	19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4-Dinitrophenol	19	U	370	19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4-Dinitrotoluene	8.3	U	37	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,6-Dinitrotoluene	8.8	U	37	8.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Di-n-octyl phthalate	4.0	U	37	4.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
N-Nitrosodiphenylamine	6.8	U	37	6.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Fluoranthene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Fluorene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Hexachlorobenzene	8.5	U	37	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Hexachlorobutadiene	7.6	U	37	7.6	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Hexachlorocyclopentadiene	4.1	U	73	4.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Hexachloroethane	6.5	U	37	6.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Indeno[1,2,3-cd]pyrene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Isophorone	7.8	U	37	7.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2-Methylphenol	7.0	U	37	7.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
3 & 4 Methylphenol	8.1	U	37	8.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Naphthalene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2-Nitroaniline	7.8	U	190	7.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
3-Nitroaniline	7.5	U	190	7.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Nitroaniline	9.2	U	190	9.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Nitrobenzene	7.3	U	37	7.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2-Nitrophenol	6.5	U	37	6.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
4-Nitrophenol	81	U	190	81	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1

Client Sample ID: OR-05-SD-02
Date Collected: 05/22/11 18:25
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-6
Matrix: Solid
Percent Solids: 88.7

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	8.3	U	37	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Pentachlorophenol	19	U	190	19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Phenanthrene	2.7	U	7.5	2.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Phenol	7.2	U	37	7.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Pyrene	3.7	U	7.5	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4,5-Trichlorophenol	8.5	U	37	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
2,4,6-Trichlorophenol	8.8	U	37	8.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Atrazine	8.5	U	37	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Benzaldehyde	11	U	37	11	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
1,1'-Biphenyl	8.0	U	37	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
Caprolactam	7.8	U	37	7.8	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1
bis (2-chloroisopropyl) ether	8.0	U	37	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*10000*	*T A J*	*ug/Kg*	☼	*4.11*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*95*	*T J*	*ug/Kg*	☼	*4.78*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*26*	*T J*	*ug/Kg*	☼	*10.95*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Hexadecanoic acid	*55*	*T J N*	*ug/Kg*	☼	*11.33*	*57-10-3*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*24*	*T J*	*ug/Kg*	☼	*11.53*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*25*	*T J*	*ug/Kg*	☼	*11.97*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*38*	*T J*	*ug/Kg*	☼	*12.00*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Oleic Acid	*110*	*T J N*	*ug/Kg*	☼	*12.20*	*112-80-1*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*58*	*T J*	*ug/Kg*	☼	*12.28*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*56*	*T J*	*ug/Kg*	☼	*12.37*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Butyl hexadecanoate	*50*	*T J N*	*ug/Kg*	☼	*12.40*	*0-00-0*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*38*	*T J*	*ug/Kg*	☼	*12.46*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*30*	*T J*	*ug/Kg*	☼	*12.50*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*86*	*T J*	*ug/Kg*	☼	*13.19*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*42*	*T J*	*ug/Kg*	☼	*13.27*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown Organic Acid	*38*	*T J*	*ug/Kg*	☼	*13.33*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*28*	*T J*	*ug/Kg*	☼	*13.71*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*67*	*T J*	*ug/Kg*	☼	*13.74*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Phosphine oxide, triphenyl-	*56*	*T J N*	*ug/Kg*	☼	*14.05*	*791-28-6*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*28*	*T J*	*ug/Kg*	☼	*14.10*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*44*	*T J*	*ug/Kg*	☼	*14.99*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Heneicosane	*31*	*T J N*	*ug/Kg*	☼	*15.20*	*629-94-7*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Eicosane	*26*	*T J N*	*ug/Kg*	☼	*16.01*	*112-95-8*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*34*	*T J*	*ug/Kg*	☼	*16.76*		*05/24/11 15:45*	*05/25/11 16:05*	*1*
Unknown	*47*	*T J*	*ug/Kg*	☼	*17.62*		*05/24/11 15:45*	*05/25/11 16:05*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*11 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
2-Fluorophenol	*73*		*10 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Nitrobenzene-d5	*72*		*18 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Phenol-d5	*73*		*10 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
Terphenyl-d14	*74*		*27 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*
2,4,6-Tribromophenol	*98*		*24 - 130*	*05/24/11 15:45*	*05/25/11 16:05*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.88**	**J**	3.7	0.27	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1

Client Sample ID: OR-05-SD-02
Date Collected: 05/22/11 18:25
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-6
Matrix: Solid
Percent Solids: 88.7

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.21	U	3.7	0.21	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
4,4'-DDT	**4.3**	**B**	3.7	0.25	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Aldrin	0.50	U	1.9	0.50	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
alpha-BHC	0.12	U	1.9	0.12	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
beta-BHC	0.12	U	1.9	0.12	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
delta-BHC	0.14	U	1.9	0.14	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Dieldrin	0.31	U	3.7	0.31	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endosulfan I	0.17	U	1.9	0.17	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endosulfan II	0.25	U	3.7	0.25	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endosulfan sulfate	0.27	U	3.7	0.27	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endrin	0.81	U	3.7	0.81	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endrin aldehyde	0.33	U	3.7	0.33	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Endrin ketone	0.30	U	3.7	0.30	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
gamma-BHC (Lindane)	0.12	U	1.9	0.12	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Heptachlor	0.092	U	1.9	0.092	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Heptachlor epoxide	0.16	U	1.9	0.16	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Methoxychlor	0.39	U	3.7	0.39	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Chlordane (technical)	3.2	U	19	3.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1016	3.2	U	37	3.2	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1221	5.3	U	74	5.3	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1232	3.7	U	37	3.7	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1242	3.1	U	37	3.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1248	8.0	U	37	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1254	2.5	U	37	2.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
PCB-1260	7.4	U	37	7.4	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1
Toxaphene	66	U	190	66	ug/Kg	☼	05/24/11 15:45	05/25/11 16:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*60 - 139*	*05/24/11 15:45*	*05/25/11 16:14*	*1*
Tetrachloro-m-xylene	*131*		*60 - 139*	*05/24/11 15:45*	*05/25/11 16:14*	*1*
DCB Decachlorobiphenyl	*88*		*70 - 130*	*05/24/11 15:45*	*05/25/11 16:14*	*1*
DCB Decachlorobiphenyl	*69*	*X*	*70 - 130*	*05/24/11 15:45*	*05/25/11 16:14*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	5.6	U	9.3	5.6	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
2,4-DB	3.4	U	9.3	3.4	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
2,4,5-T	2.6	U	9.3	2.6	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
Silvex (2,4,5-TP)	1.8	U	9.3	1.8	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
Dalapon	3.2	U	370	3.2	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
Dicamba	2.1	U	9.3	2.1	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
Dichlorprop	1.2	U	9.3	1.2	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
MCPA	210	U	2200	210	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1
Mecoprop	190	U *	2200	190	ug/Kg	☼	05/24/11 07:04	05/25/11 14:51	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*76*		*35 - 137*	*05/24/11 07:04*	*05/25/11 14:51*	*1*
DCAA	*57*		*35 - 137*	*05/24/11 07:04*	*05/25/11 14:51*	*1*

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-05-SD-02
Date Collected: 05/22/11 18:25
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-6
Matrix: Solid
Percent Solids: 88.7

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	87	U	110	87	ug/Kg	☼	05/25/11 17:00	05/26/11 23:56	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.10	U	0.20	0.10	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Aluminum	**750**		20	6.5	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Arsenic	0.20	U	0.51	0.20	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Barium	**4.2**		1.0	0.26	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Beryllium	0.051	U	0.10	0.051	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Calcium	**79**	**J**	100	51	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1
Cadmium	0.025	U	0.10	0.025	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Cobalt	**0.25**		0.10	0.031	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Chromium	**1.2**		1.0	0.51	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1
Copper	0.41	U	1.0	0.41	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Iron	**220**		51	20	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1
Potassium	31	U	51	31	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Magnesium	**21**	**J**	51	6.1	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1
Manganese	**9.8**		2.0	1.0	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1
Sodium	33	U	51	33	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Nickel	0.51	U	1.0	0.51	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Lead	**0.96**		0.41	0.20	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Antimony	1.0	U	2.0	1.0	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Selenium	0.51	U	1.0	0.51	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Thallium	0.051	U	0.20	0.051	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Vanadium	**1.2**		1.0	0.56	mg/Kg	☼	05/24/11 08:08	05/25/11 08:16	1
Zinc	**2.1**	**J**	4.1	1.1	mg/Kg	☼	05/24/11 08:08	05/25/11 15:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0091	U	0.022	0.0091	mg/Kg	☼	05/24/11 11:17	05/24/11 17:27	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**6.61**				SU			05/23/11 18:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1.2**		0.34	0.15	mg/Kg	☼	05/24/11 10:17	05/24/11 14:01	1
Nitrogen, Kjeldahl	**40**	**J**	49	30	mg/Kg	☼	05/25/11 13:30	05/26/11 10:28	1
Phosphorus	**30**		20	11	mg/Kg	☼	05/25/11 13:30	05/26/11 13:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	68	U	68	68	mg/Kg	☼	05/25/11 11:00	05/25/11 13:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22	U	110	22	mg/Kg	☼		05/24/11 12:32	5
Sulfate	22	U	110	22	mg/Kg	☼		05/24/11 12:32	5
Nitrate Nitrite as N	0.62	U	2.2	0.62	mg/Kg	☼		05/24/11 16:33	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-05-SW-04
Date Collected: 05/22/11 18:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 03:09	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 03:09	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 03:09	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 03:09	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 03:09	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 03:09	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 03:09	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 03:09	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 03:09	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 03:09	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 03:09	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 03:09	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 03:09	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 03:09	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 03:09	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 03:09	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 03:09	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 03:09	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 03:09	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 03:09	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 03:09	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 03:09	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 03:09	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 03:09	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/24/11 03:09	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 03:09	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 03:09	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 03:09	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 03:09	1
Chloromethane	0.33	U	1.0	0.33	ug/L			05/24/11 03:09	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 03:09	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 03:09	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 03:09	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 03:09	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 03:09	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 03:09	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/24/11 03:09	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 03:09	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 03:09	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 03:09	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 03:09	1

Client Sample ID: OR-05-SW-04
Date Collected: 05/22/11 18:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 03:09	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 03:09	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 03:09	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 03:09	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 03:09	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 03:09	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 03:09	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 03:09	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 03:09	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 03:09	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 03:09	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:09	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 03:09	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/24/11 03:09	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/24/11 03:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/11 03:09*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*05/24/11 03:09*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*05/24/11 03:09*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*05/24/11 03:09*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Acenaphthylene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Acetophenone	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Anthracene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzo[a]anthracene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzo[b]fluoranthene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzo[k]fluoranthene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzo[g,h,i]perylene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzo[a]pyrene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Bis(2-chloroethoxy)methane	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Bis(2-chloroethyl)ether	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Bis(2-ethylhexyl) phthalate	0.58	U	1.8	0.58	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Bromophenyl phenyl ether	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
Butyl benzyl phthalate	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
Carbazole	0.091	U	1.8	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Chloroaniline	0.33	U	1.8	0.33	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Chloro-3-methylphenol	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Chloronaphthalene	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Chlorophenol	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Chlorophenyl phenyl ether	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Chrysene	0.041	U	0.18	0.041	ug/L		05/23/11 16:41	05/25/11 13:48	1
Dibenz(a,h)anthracene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Dibenzofuran	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1

Client Sample ID: OR-05-SW-04
Date Collected: 05/22/11 18:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-7
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.36	U	0.91	0.36	ug/L		05/23/11 16:41	05/25/11 13:48	1
3,3'-Dichlorobenzidine	1.8	U	18	1.8	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4-Dichlorophenol	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Diethyl phthalate	0.10	U	0.91	0.10	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4-Dimethylphenol	0.63	U	1.8	0.63	ug/L		05/23/11 16:41	05/25/11 13:48	1
Dimethyl phthalate	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
4,6-Dinitro-2-methylphenol	0.12	U	4.6	0.12	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4-Dinitrophenol	1.0	U	9.1	1.0	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4-Dinitrotoluene	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,6-Dinitrotoluene	0.12	U	0.91	0.12	ug/L		05/23/11 16:41	05/25/11 13:48	1
Di-n-octyl phthalate	0.16	U	0.91	0.16	ug/L		05/23/11 16:41	05/25/11 13:48	1
N-Nitrosodiphenylamine	0.34	U	0.91	0.34	ug/L		05/23/11 16:41	05/25/11 13:48	1
1,4-Dioxane	0.28	U	1.8	0.28	ug/L		05/23/11 16:41	05/25/11 13:48	1
Fluoranthene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Fluorene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Hexachlorobenzene	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Hexachlorocyclopentadiene	0.46	U	1.8	0.46	ug/L		05/23/11 16:41	05/25/11 13:48	1
Hexachloroethane	0.46	U	0.91	0.46	ug/L		05/23/11 16:41	05/25/11 13:48	1
Indeno[1,2,3-cd]pyrene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Isophorone	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Methylnaphthalene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Methylphenol	0.68	U	1.8	0.68	ug/L		05/23/11 16:41	05/25/11 13:48	1
3 & 4 Methylphenol	0.60	U	1.8	0.60	ug/L		05/23/11 16:41	05/25/11 13:48	1
Naphthalene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Nitroaniline	0.15	U	0.91	0.15	ug/L		05/23/11 16:41	05/25/11 13:48	1
3-Nitroaniline	0.15	U	4.6	0.15	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Nitroaniline	0.46	U	4.6	0.46	ug/L		05/23/11 16:41	05/25/11 13:48	1
Nitrobenzene	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2-Nitrophenol	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
4-Nitrophenol	0.46	U	4.6	0.46	ug/L		05/23/11 16:41	05/25/11 13:48	1
N-Nitrosodi-n-propylamine	0.12	U	0.91	0.12	ug/L		05/23/11 16:41	05/25/11 13:48	1
Pentachlorophenol	0.37	U	4.6	0.37	ug/L		05/23/11 16:41	05/25/11 13:48	1
Phenanthrene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Phenol	0.12	U	0.91	0.12	ug/L		05/23/11 16:41	05/25/11 13:48	1
Pyrene	0.091	U	0.18	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4,5-Trichlorophenol	0.11	U	0.91	0.11	ug/L		05/23/11 16:41	05/25/11 13:48	1
2,4,6-Trichlorophenol	0.16	U	0.91	0.16	ug/L		05/23/11 16:41	05/25/11 13:48	1
Atrazine	0.32	U	1.8	0.32	ug/L		05/23/11 16:41	05/25/11 13:48	1
Benzaldehyde	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
1,1'-Biphenyl	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1
Caprolactam	0.12	U	0.91	0.12	ug/L		05/23/11 16:41	05/25/11 13:48	1
bis (2-chloroisopropyl) ether	0.091	U	0.91	0.091	ug/L		05/23/11 16:41	05/25/11 13:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*15*	*T A J*	*ug/L*		*4.04*		*05/23/11 16:41*	*05/25/11 13:48*	*1*
Unknown	*0.65*	*T J*	*ug/L*		*5.09*		*05/23/11 16:41*	*05/25/11 13:48*	*1*
Benzoic acid	*0.76*	*J*	*ug/L*		*6.70*	*65-85-0*	*05/23/11 16:41*	*05/25/11 13:48*	*1*
Unknown Organic Acid	*0.33*	*T J*	*ug/L*		*6.73*		*05/23/11 16:41*	*05/25/11 13:48*	*1*
Unknown Organic Acid	*0.64*	*T J*	*ug/L*		*7.37*		*05/23/11 16:41*	*05/25/11 13:48*	*1*
Unknown Organic Acid	*0.42*	*T J*	*ug/L*		*8.71*		*05/23/11 16:41*	*05/25/11 13:48*	*1*

Client Sample ID: OR-05-SW-04
Date Collected: 05/22/11 18:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-7
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Organic Acid	0.32	T J	ug/L		10.30		05/23/11 16:41	05/25/11 13:48	1
Decanoic acid	0.40	T J N	ug/L		11.33	334-48-5	05/23/11 16:41	05/25/11 13:48	1
Unknown	0.47	T J	ug/L		12.19		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.72	T J	ug/L		12.41		05/23/11 16:41	05/25/11 13:48	1
Octadecanoic acid, butyl ester	0.80	T J N	ug/L		13.27	123-95-5	05/23/11 16:41	05/25/11 13:48	1
Unknown Organic Acid	0.35	T J	ug/L		13.59		05/23/11 16:41	05/25/11 13:48	1
Phosphine oxide, triphenyl-	2.3	T J N	ug/L		14.05	791-28-6	05/23/11 16:41	05/25/11 13:48	1
Pentacosane	0.61	T J N	ug/L		14.10	629-99-2	05/23/11 16:41	05/25/11 13:48	1
Unknown	0.28	T J	ug/L		14.33		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.60	T J	ug/L		14.47		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.87	T J	ug/L		14.75		05/23/11 16:41	05/25/11 13:48	1
Unknown	1.3	T J	ug/L		14.83		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.76	T J	ug/L		14.97		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.55	T J	ug/L		15.20		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.32	T J	ug/L		15.24		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.63	T J	ug/L		15.58		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.28	T J	ug/L		15.89		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.37	T J	ug/L		15.97		05/23/11 16:41	05/25/11 13:48	1
Unknown	0.64	T J	ug/L		16.48		05/23/11 16:41	05/25/11 13:48	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		34 - 130	05/23/11 16:41	05/25/11 13:48	1
2-Fluorophenol	60		25 - 130	05/23/11 16:41	05/25/11 13:48	1
Nitrobenzene-d5	71		32 - 130	05/23/11 16:41	05/25/11 13:48	1
Phenol-d5	59		27 - 130	05/23/11 16:41	05/25/11 13:48	1
Terphenyl-d14	66		36 - 130	05/23/11 16:41	05/25/11 13:48	1
2,4,6-Tribromophenol	95		30 - 130	05/23/11 16:41	05/25/11 13:48	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		05/23/11 16:41	05/25/11 14:45	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		05/23/11 16:41	05/25/11 14:45	1
4,4'-DDT	**0.088**	**J B**	0.10	0.0097	ug/L		05/23/11 16:41	05/25/11 14:45	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		05/23/11 16:41	05/25/11 14:45	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		05/23/11 16:41	05/25/11 14:45	1
beta-BHC	0.0067	U *	0.050	0.0067	ug/L		05/23/11 16:41	05/25/11 14:45	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		05/23/11 16:41	05/25/11 14:45	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		05/23/11 16:41	05/25/11 14:45	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endrin	0.0097	U	0.10	0.0097	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endrin aldehyde	0.016	U *	0.10	0.016	ug/L		05/23/11 16:41	05/25/11 14:45	1
Endrin ketone	0.0084	U	0.10	0.0084	ug/L		05/23/11 16:41	05/25/11 14:45	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		05/23/11 16:41	05/25/11 14:45	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		05/23/11 16:41	05/25/11 14:45	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		05/23/11 16:41	05/25/11 14:45	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1016	0.071	U	1.0	0.071	ug/L		05/23/11 16:41	05/25/11 14:45	1

Client Sample ID: OR-05-SW-04
Date Collected: 05/22/11 18:40
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-7
Matrix: Water

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	0.28	U	2.0	0.28	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1232	0.11	U	1.0	0.11	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1242	0.18	U	1.0	0.18	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1248	0.36	U	1.0	0.36	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1254	0.26	U	1.0	0.26	ug/L		05/23/11 16:41	05/25/11 14:45	1
PCB-1260	0.20	U	1.0	0.20	ug/L		05/23/11 16:41	05/25/11 14:45	1
Toxaphene	0.50	U	5.0	0.50	ug/L		05/23/11 16:41	05/25/11 14:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*41*		*40 - 130*	*05/23/11 16:41*	*05/25/11 14:45*	*1*
Tetrachloro-m-xylene	*61*		*36 - 130*	*05/23/11 16:41*	*05/25/11 14:45*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.49	0.037	ug/L		05/24/11 08:34	05/25/11 13:30	1
2,4-DB	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 13:30	1
2,4,5-T	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 13:30	1
Silvex (2,4,5-TP)	0.061	U	0.49	0.061	ug/L		05/24/11 08:34	05/25/11 13:30	1
Dalapon	0.099	U	9.9	0.099	ug/L		05/24/11 08:34	05/25/11 13:30	1
Dicamba	0.084	U	0.49	0.084	ug/L		05/24/11 08:34	05/25/11 13:30	1
Dichlorprop	0.15	U	0.49	0.15	ug/L		05/24/11 08:34	05/25/11 13:30	1
Dinoseb	0.16	U	5.9	0.16	ug/L		05/24/11 08:34	05/25/11 13:30	1
MCPA	17	U	120	17	ug/L		05/24/11 08:34	05/25/11 13:30	1
Mecoprop	19	U	120	19	ug/L		05/24/11 08:34	05/25/11 13:30	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*85*		*52 - 151*	*05/24/11 08:34*	*05/25/11 13:30*	*1*
DCAA	*69*		*52 - 151*	*05/24/11 08:34*	*05/25/11 13:30*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U H	50	5.0	ug/L		05/26/11 10:44	05/26/11 22:57	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:17	1
Aluminum	**360**		100	50	ug/L		05/24/11 10:09	05/25/11 14:17	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:17	1
Barium	**32**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:17	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:17	1
Calcium	**16000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:17	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:17	1
Cobalt	**0.62**		0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:17	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:17	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:17	1
Iron	**950**		100	44	ug/L		05/24/11 10:09	05/25/11 14:17	1
Potassium	**1500**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:17	1
Magnesium	**1800**		250	100	ug/L		05/24/11 10:09	05/25/11 14:17	1
Manganese	**130**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:17	1
Sodium	**15000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:17	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:17	1

Client Sample ID: OR-05-SW-04

Lab Sample ID: 680-68645-7

Date Collected: 05/22/11 18:40

Matrix: Water

Date Received: 05/23/11 14:45

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:17	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:17	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:17	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:17	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:17	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 14:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:57	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.80**	**HF**			SU			05/23/11 17:02	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.3**		5.0	1.0	mg/L			05/24/11 11:04	5
Sulfate	**10**		5.0	2.6	mg/L			05/24/11 11:04	5
Ammonia	**0.15**		0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**0.92**		0.20	0.15	mg/L		05/25/11 12:30	05/26/11 10:25	1
Nitrate Nitrite as N	**0.34**		0.050	0.010	mg/L			05/23/11 17:03	1
Phosphorus	**0.32**		0.10	0.024	mg/L		05/25/11 12:30	05/26/11 12:48	1
Chemical Oxygen Demand	**19**	**J**	20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**8.2**	**H**	0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	**1.9**		1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**0.18**		0.030	0.030	mg/L			05/25/11 15:29	1

Client Sample ID: OR-TB-SW-01

Lab Sample ID: 680-68645-8

Date Collected: 05/23/11 08:35

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/23/11 18:48	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/23/11 18:48	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/23/11 18:48	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/23/11 18:48	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/23/11 18:48	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/23/11 18:48	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/23/11 18:48	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 18:48	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/23/11 18:48	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/23/11 18:48	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/23/11 18:48	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-TB-SW-01
Date Collected: 05/23/11 08:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/23/11 18:48	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 18:48	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 18:48	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 18:48	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/23/11 18:48	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/23/11 18:48	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/23/11 18:48	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/23/11 18:48	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/23/11 18:48	1
Acetone	5.0	U	25	5.0	ug/L			05/23/11 18:48	1
Benzene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/23/11 18:48	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/23/11 18:48	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/23/11 18:48	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/23/11 18:48	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/23/11 18:48	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/23/11 18:48	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/23/11 18:48	1
Chloroform	**0.32**	**J**	1.0	0.14	ug/L			05/23/11 18:48	1
Chloromethane	0.33	U	1.0	0.33	ug/L			05/23/11 18:48	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 18:48	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/23/11 18:48	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/23/11 18:48	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/23/11 18:48	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/23/11 18:48	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 18:48	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/23/11 18:48	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/23/11 18:48	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/23/11 18:48	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/23/11 18:48	1
2-Butanone	1.0	U	10	1.0	ug/L			05/23/11 18:48	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 18:48	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/23/11 18:48	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/23/11 18:48	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/23/11 18:48	1
Styrene	0.11	U	1.0	0.11	ug/L			05/23/11 18:48	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/23/11 18:48	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 18:48	1
Toluene	0.33	U	1.0	0.33	ug/L			05/23/11 18:48	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/23/11 18:48	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/23/11 18:48	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/23/11 18:48	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 18:48	1

Client Sample ID: OR-TB-SW-01

Lab Sample ID: 680-68645-8

Date Collected: 05/23/11 08:35

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/23/11 18:48	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/23/11 18:48	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/23/11 18:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon dioxide	*15*	*T J N B*	*ug/L*		*0.81*	*124-38-9*		*05/23/11 18:48*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*05/23/11 18:48*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*05/23/11 18:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/23/11 18:48*	*1*

Client Sample ID: OR-TB-SD-01

Lab Sample ID: 680-68645-9

Date Collected: 05/23/11 08:35

Matrix: Solid

Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	2.5	U	5.1	2.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1,1-Trichloroethane	0.61	U	5.1	0.61	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1,2,2-Tetrachloroethane	1.6	U	5.1	1.6	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1,2-Trichloroethane	1.3	U	5.1	1.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1-Dichloroethane	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1-Dichloroethene	1.5	U	5.1	1.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,1-Dichloropropene	0.98	U	5.1	0.98	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2,3-Trichlorobenzene	1.6	U	5.1	1.6	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2,3-Trichloropropane	2.5	U	5.1	2.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2,4-Trichlorobenzene	0.91	U	5.1	0.91	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2,4-Trimethylbenzene	1.4	U	5.1	1.4	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dibromo-3-Chloropropane	4.5	U	10	4.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dichlorobenzene	1.3	U	5.1	1.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dichloroethane	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dichloroethene, Total	0.65	U	10	0.65	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dichloropropane	0.88	U	5.1	0.88	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,3,5-Trimethylbenzene	1.7	U	5.1	1.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,3-Dichlorobenzene	1.6	U	5.1	1.6	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,3-Dichloropropane	1.8	U	5.1	1.8	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,4-Dichlorobenzene	0.76	U	5.1	0.76	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
2,2-Dichloropropane	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
2-Chlorotoluene	2.1	U	5.1	2.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
2-Hexanone	3.4	U	26	3.4	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
4-Chlorotoluene	1.7	U	5.1	1.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Acetone	11	U	51	11	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Benzene	0.75	U	5.1	0.75	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Bromobenzene	1.7	U	5.1	1.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Bromochloromethane	3.4	U	5.1	3.4	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Bromoform	1.5	U	5.1	1.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Bromodichloromethane	1.0	U	5.1	1.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Bromomethane	1.5	U	5.1	1.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Carbon disulfide	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-TB-SD-01
Date Collected: 05/23/11 08:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.85	U	5.1	0.85	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Chlorobenzene	0.99	U	5.1	0.99	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Chloroethane	2.8	U	5.1	2.8	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Chloroform	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Chloromethane	1.0	U	5.1	1.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
cis-1,2-Dichloroethene	1.4	U	5.1	1.4	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
cis-1,3-Dichloropropene	0.85	U	5.1	0.85	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Dibromochloromethane	1.7	U	5.1	1.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Dibromomethane	1.7	U	5.1	1.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Dichlorodifluoromethane	0.97	U	5.1	0.97	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Ethylbenzene	1.3	U	5.1	1.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Isopropylbenzene	2.0	U	5.1	2.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
m-Xylene & p-Xylene	2.7	U	10	2.7	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Methyl tert-butyl ether	1.0	U	51	1.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Methylene Chloride	1.0	U	5.1	1.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
4-Methyl-2-pentanone	4.3	U	26	4.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
2-Butanone	2.5	U	26	2.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
1,2-Dibromoethane	1.5	U	5.1	1.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
n-Butylbenzene	2.5	U	5.1	2.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
N-Propylbenzene	2.8	U	5.1	2.8	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
o-Xylene	1.1	U	5.1	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
p-Isopropyltoluene	2.3	U	5.1	2.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
sec-Butylbenzene	2.2	U	5.1	2.2	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Styrene	0.95	U	5.1	0.95	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
tert-Butylbenzene	1.8	U	5.1	1.8	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Tetrachloroethene	2.0	U	5.1	2.0	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Toluene	0.86	U	5.1	0.86	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
trans-1,2-Dichloroethene	0.65	U	5.1	0.65	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
trans-1,3-Dichloropropene	0.89	U	5.1	0.89	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Trichloroethene	1.3	U	5.1	1.3	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Trichlorofluoromethane	1.2	U	5.1	1.2	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Vinyl acetate	2.6	U	10	2.6	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Vinyl chloride	1.5	U	5.1	1.5	ug/Kg		05/23/11 18:27	05/24/11 11:46	1
Xylenes, Total	1.1	U	10	1.1	ug/Kg		05/23/11 18:27	05/24/11 11:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon Dioxide	*1100*	*T B J N*	*ug/Kg*		*0.84*	*124-38-9*	*05/23/11 18:27*	*05/24/11 11:46*	*1*
2-Methyl-2-propanol	*17*	*J T N*	*ug/Kg*		*1.98*	*75-65-0*	*05/23/11 18:27*	*05/24/11 11:46*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:46*	*1*
Dibromofluoromethane	*103*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:46*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*05/23/11 18:27*	*05/24/11 11:46*	*1*

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid
Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	3.0	U	6.2	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1,1-Trichloroethane	0.73	U	6.2	0.73	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1,2,2-Tetrachloroethane	2.0	U	6.2	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1,2-Trichloroethane	1.6	U	6.2	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1-Dichloroethane	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1-Dichloroethene	1.9	U	6.2	1.9	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,1-Dichloropropene	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2,3-Trichlorobenzene	2.0	U	6.2	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2,3-Trichloropropane	3.0	U	6.2	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2,4-Trichlorobenzene	1.1	U	6.2	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2,4-Trimethylbenzene	1.7	U	6.2	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2-Dibromo-3-Chloropropane	5.5	U	12	5.5	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2-Dichlorobenzene	1.6	U	6.2	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2-Dichloroethane	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2-Dichloroethene, Total	0.78	U	12	0.78	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,2-Dichloropropane	1.1	U	6.2	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,3,5-Trimethylbenzene	2.1	U	6.2	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,3-Dichlorobenzene	2.0	U	6.2	2.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,3-Dichloropropane	2.2	U	6.2	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
1,4-Dichlorobenzene	0.92	U	6.2	0.92	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
2,2-Dichloropropane	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
2-Chlorotoluene	2.5	U	6.2	2.5	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
2-Hexanone	4.1	U	31	4.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
4-Chlorotoluene	2.1	U	6.2	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Acetone	**25**	**J**	62	14	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Benzene	0.91	U	6.2	0.91	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Bromobenzene	2.1	U	6.2	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Bromochloromethane	4.1	U	6.2	4.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Bromoform	1.9	U	6.2	1.9	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Bromodichloromethane	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Bromomethane	1.9	U	6.2	1.9	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Carbon disulfide	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Carbon tetrachloride	1.0	U	6.2	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Chlorobenzene	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Chloroethane	3.4	U	6.2	3.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Chloroform	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Chloromethane	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
cis-1,2-Dichloroethene	1.7	U	6.2	1.7	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
cis-1,3-Dichloropropene	1.0	U	6.2	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Dibromochloromethane	2.1	U	6.2	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Dibromomethane	2.1	U	6.2	2.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Dichlorodifluoromethane	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Ethylbenzene	1.6	U	6.2	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Isopropylbenzene	2.4	U	6.2	2.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
m-Xylene & p-Xylene	3.2	U	12	3.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Methyl tert-butyl ether	1.2	U	62	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Methylene Chloride	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
4-Methyl-2-pentanone	5.2	U	31	5.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
2-Butanone	3.0	U	31	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid
Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	1.9	U	6.2	1.9	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
n-Butylbenzene	3.0	U	6.2	3.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
N-Propylbenzene	3.4	U	6.2	3.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
o-Xylene	1.4	U	6.2	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
p-Isopropyltoluene	2.7	U	6.2	2.7	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
sec-Butylbenzene	2.6	U	6.2	2.6	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Styrene	1.2	U	6.2	1.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
tert-Butylbenzene	2.2	U	6.2	2.2	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Tetrachloroethene	2.4	U	6.2	2.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Toluene	1.0	U	6.2	1.0	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
trans-1,2-Dichloroethene	0.78	U	6.2	0.78	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
trans-1,3-Dichloropropene	1.1	U	6.2	1.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Trichloroethene	1.6	U	6.2	1.6	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Trichlorofluoromethane	1.5	U	6.2	1.5	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Vinyl acetate	3.1	U	12	3.1	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Vinyl chloride	1.9	U	6.2	1.9	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1
Xylenes, Total	1.4	U	12	1.4	ug/Kg	☼	05/23/11 18:27	05/24/11 12:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon Dioxide	*1800*	*T B J N*	*ug/Kg*	☼	*0.85*	*124-38-9*	*05/23/11 18:27*	*05/24/11 12:08*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*65 - 130*	*05/23/11 18:27*	*05/24/11 12:08*	*1*
Dibromofluoromethane	*102*		*65 - 130*	*05/23/11 18:27*	*05/24/11 12:08*	*1*
Toluene-d8 (Surr)	*89*		*65 - 130*	*05/23/11 18:27*	*05/24/11 12:08*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Acenaphthylene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Acetophenone	8.7	U	42	8.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Anthracene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzo[a]anthracene	**7.4**	**J**	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzo[b]fluoranthene	**18**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzo[k]fluoranthene	2.5	U	8.5	2.5	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzo[g,h,i]perylene	**9.3**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzo[a]pyrene	**8.9**		8.5	1.5	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Bis(2-chloroethoxy)methane	8.3	U	42	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Bis(2-chloroethyl)ether	8.3	U	42	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Bis(2-ethylhexyl) phthalate	**68**	**J B**	84	7.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Bromophenyl phenyl ether	8.8	U	42	8.8	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Butyl benzyl phthalate	7.0	U	42	7.0	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Carbazole	8.5	U	42	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Chloroaniline	6.6	U	84	6.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Chloro-3-methylphenol	8.9	U	42	8.9	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2-Chloronaphthalene	7.6	U	42	7.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2-Chlorophenol	6.8	U	42	6.8	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Chlorophenyl phenyl ether	8.2	U	42	8.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Chrysene	**11**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Dibenz(a,h)anthracene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Dibenzofuran	8.5	U	42	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid
Percent Solids: 78.2

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	22	U	220	22	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
3,3'-Dichlorobenzidine	22	U	84	22	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4-Dichlorophenol	9.2	U	42	9.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Diethyl phthalate	9.4	U	42	9.4	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4-Dimethylphenol	9.7	U	84	9.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Dimethyl phthalate	9.6	U	42	9.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4,6-Dinitro-2-methylphenol	22	U	220	22	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4-Dinitrophenol	22	U	420	22	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4-Dinitrotoluene	9.6	U	42	9.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,6-Dinitrotoluene	10	U	42	10	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Di-n-octyl phthalate	4.6	U	42	4.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
N-Nitrosodiphenylamine	7.8	U	42	7.8	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Fluoranthene	**14**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Fluorene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Hexachlorobenzene	9.7	U	42	9.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Hexachlorobutadiene	8.7	U	42	8.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Hexachlorocyclopentadiene	4.7	U	84	4.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Hexachloroethane	7.4	U	42	7.4	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Indeno[1,2,3-cd]pyrene	**11**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Isophorone	8.9	U	42	8.9	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2-Methylphenol	8.0	U	42	8.0	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
3 & 4 Methylphenol	9.3	U	42	9.3	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Naphthalene	4.2	U	8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2-Nitroaniline	8.9	U	220	8.9	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
3-Nitroaniline	8.5	U	220	8.5	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Nitroaniline	11	U	220	11	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Nitrobenzene	8.4	U	42	8.4	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2-Nitrophenol	7.4	U	42	7.4	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
4-Nitrophenol	93	U	220	93	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
N-Nitrosodi-n-propylamine	9.6	U	42	9.6	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Pentachlorophenol	22	U	220	22	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Phenanthrene	**6.0**	**J**	8.5	3.1	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Phenol	8.3	U	42	8.3	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Pyrene	**17**		8.5	4.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4,5-Trichlorophenol	9.7	U	42	9.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
2,4,6-Trichlorophenol	10	U	42	10	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Atrazine	9.7	U	42	9.7	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Benzaldehyde	13	U	42	13	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
1,1'-Biphenyl	9.2	U	42	9.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
Caprolactam	8.9	U	42	8.9	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1
bis (2-chloroisopropyl) ether	9.2	U	42	9.2	ug/Kg	☼	05/24/11 15:45	05/25/11 17:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11000*	*T J*	*ug/Kg*	☼	*4.08*		*05/24/11 15:45*	*05/25/11 17:00*	*1*
Unknown Organic Acid	*90*	*T J*	*ug/Kg*	☼	*4.79*		*05/24/11 15:45*	*05/25/11 17:00*	*1*
Hexadecanoic acid	*77*	*T J N*	*ug/Kg*	☼	*11.34*	*57-10-3*	*05/24/11 15:45*	*05/25/11 17:00*	*1*
Unknown	*78*	*T J*	*ug/Kg*	☼	*12.22*		*05/24/11 15:45*	*05/25/11 17:00*	*1*
Unknown	*130*	*T J*	*ug/Kg*	☼	*13.19*		*05/24/11 15:45*	*05/25/11 17:00*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*13.22*		*05/24/11 15:45*	*05/25/11 17:00*	*1*
Unknown	*82*	*T J*	*ug/Kg*	☼	*13.27*		*05/24/11 15:45*	*05/25/11 17:00*	*1*

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid
Percent Solids: 78.2

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	94	T J	ug/Kg	☼	13.66		05/24/11 15:45	05/25/11 17:00	1
Unknown	130	T J	ug/Kg	☼	13.75		05/24/11 15:45	05/25/11 17:00	1
Unknown	77	T J	ug/Kg	☼	14.05		05/24/11 15:45	05/25/11 17:00	1
Pentadecane	110	T J N	ug/Kg	☼	14.47	629-62-9	05/24/11 15:45	05/25/11 17:00	1
Unknown	69	T J	ug/Kg	☼	14.83		05/24/11 15:45	05/25/11 17:00	1
17.beta.-Hydroxy-6.alpha. -pentyl-4-oxa-5	200	T J N	ug/Kg	☼	15.00	0-00-0	05/24/11 15:45	05/25/11 17:00	1
Heptadecane, 9-octyl-	510	T J N	ug/Kg	☼	15.20	7225-64-1	05/24/11 15:45	05/25/11 17:00	1
Unknown	110	T J	ug/Kg	☼	15.79		05/24/11 15:45	05/25/11 17:00	1
Unknown	130	T J	ug/Kg	☼	16.01		05/24/11 15:45	05/25/11 17:00	1
Unknown	110	T J	ug/Kg	☼	16.06		05/24/11 15:45	05/25/11 17:00	1
Unknown	67	T J	ug/Kg	☼	16.14		05/24/11 15:45	05/25/11 17:00	1
Oxirane, hexadecyl-	120	T J N	ug/Kg	☼	16.76	7390-81-0	05/24/11 15:45	05/25/11 17:00	1
Unknown	66	T J	ug/Kg	☼	17.13		05/24/11 15:45	05/25/11 17:00	1
Unknown	320	T J	ug/Kg	☼	17.63		05/24/11 15:45	05/25/11 17:00	1
Unknown	150	T J	ug/Kg	☼	18.00		05/24/11 15:45	05/25/11 17:00	1
Unknown	120	T J	ug/Kg	☼	18.14		05/24/11 15:45	05/25/11 17:00	1
Unknown	150	T J	ug/Kg	☼	18.32		05/24/11 15:45	05/25/11 17:00	1
Unknown	370	T J	ug/Kg	☼	19.50		05/24/11 15:45	05/25/11 17:00	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		11 - 130	05/24/11 15:45	05/25/11 17:00	1
2-Fluorophenol	39		10 - 130	05/24/11 15:45	05/25/11 17:00	1
Nitrobenzene-d5	74		18 - 130	05/24/11 15:45	05/25/11 17:00	1
Phenol-d5	64		10 - 130	05/24/11 15:45	05/25/11 17:00	1
Terphenyl-d14	75		27 - 130	05/24/11 15:45	05/25/11 17:00	1
2,4,6-Tribromophenol	107		24 - 130	05/24/11 15:45	05/25/11 17:00	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.77**	**J**	4.1	0.30	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
4,4'-DDE	**0.49**	**J**	4.1	0.24	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
4,4'-DDT	**4.2**	**B**	4.1	0.29	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Aldrin	0.57	U	2.1	0.57	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
alpha-BHC	0.14	U	2.1	0.14	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
beta-BHC	0.14	U	2.1	0.14	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
delta-BHC	0.16	U	2.1	0.16	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Dieldrin	0.35	U	4.1	0.35	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endosulfan I	0.19	U	2.1	0.19	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endosulfan II	0.29	U	4.1	0.29	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endosulfan sulfate	0.30	U	4.1	0.30	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endrin	0.92	U	4.1	0.92	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endrin aldehyde	0.38	U	4.1	0.38	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Endrin ketone	0.34	U	4.1	0.34	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
gamma-BHC (Lindane)	0.14	U	2.1	0.14	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Heptachlor	0.10	U	2.1	0.10	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Heptachlor epoxide	0.18	U	2.1	0.18	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Methoxychlor	0.44	U	4.1	0.44	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Chlordane (technical)	3.6	U	21	3.6	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1016	3.6	U	41	3.6	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid
Percent Solids: 78.2

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	6.0	U	84	6.0	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1232	4.1	U	41	4.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1242	3.5	U	41	3.5	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1248	9.1	U	41	9.1	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1254	2.9	U	41	2.9	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
PCB-1260	8.4	U	41	8.4	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1
Toxaphene	75	U	210	75	ug/Kg	☼	05/24/11 15:45	05/25/11 16:39	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 139*	*05/24/11 15:45*	*05/25/11 16:39*	*1*
Tetrachloro-m-xylene	*110*		*60 - 139*	*05/24/11 15:45*	*05/25/11 16:39*	*1*
DCB Decachlorobiphenyl	*67*	*X*	*70 - 130*	*05/24/11 15:45*	*05/25/11 16:39*	*1*
DCB Decachlorobiphenyl	*65*	*X*	*70 - 130*	*05/24/11 15:45*	*05/25/11 16:39*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	6.4	U	11	6.4	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
2,4-DB	3.8	U	11	3.8	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
2,4,5-T	2.9	U	11	2.9	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
Silvex (2,4,5-TP)	2.0	U	11	2.0	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
Dalapon	3.7	U	420	3.7	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
Dicamba	2.4	U	11	2.4	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
Dichlorprop	1.4	U	11	1.4	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
MCPA	240	U	2600	240	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1
Mecoprop	220	U *	2600	220	ug/Kg	☼	05/24/11 07:04	05/25/11 15:07	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*63*		*35 - 137*	*05/24/11 07:04*	*05/25/11 15:07*	*1*
DCAA	*60*		*35 - 137*	*05/24/11 07:04*	*05/25/11 15:07*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**190**		130	100	ug/Kg	☼	05/25/11 17:00	05/27/11 00:31	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	U	0.25	0.12	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Aluminum	**1200**		25	7.8	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Arsenic	**0.41**	**J**	0.62	0.25	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Barium	**13**		1.2	0.31	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Beryllium	**0.073**	**J**	0.12	0.062	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Calcium	**510**		120	62	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1
Cadmium	**0.058**	**J**	0.12	0.030	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Cobalt	**1.6**		0.12	0.037	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Chromium	**2.5**		1.2	0.62	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1
Copper	**0.95**	**J**	1.2	0.49	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Iron	**1600**		62	25	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1
Potassium	**47**	**J**	62	37	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Magnesium	**55**	**J**	62	7.4	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1
Manganese	**120**		2.5	1.2	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1
Sodium	39	U	62	39	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1

Client Sample ID: OR--06-SD-03

Lab Sample ID: 680-68645-10

Date Collected: 05/23/11 09:15
Matrix: Solid
Date Received: 05/23/11 14:45
Percent Solids: 78.2

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.62	U	1.2	0.62	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Lead	**4.4**		0.49	0.25	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Antimony	1.2	U	2.5	1.2	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Selenium	0.62	U	1.2	0.62	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Thallium	0.062	U	0.25	0.062	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Vanadium	**2.9**		1.2	0.68	mg/Kg	☼	05/24/11 08:08	05/25/11 08:23	1
Zinc	**8.6**		4.9	1.4	mg/Kg	☼	05/24/11 08:08	05/25/11 15:34	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	U	0.025	0.010	mg/Kg	☼	05/24/11 11:17	05/24/11 17:31	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**6.51**				SU			05/23/11 18:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1.8**		0.38	0.17	mg/Kg	☼	05/24/11 10:17	05/24/11 14:01	1
Nitrogen, Kjeldahl	**580**		58	35	mg/Kg	☼	05/25/11 13:30	05/26/11 10:42	1
Phosphorus	**96**		23	13	mg/Kg	☼	05/25/11 13:30	05/26/11 13:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	**81**		77	77	mg/Kg	☼	05/25/11 11:00	05/25/11 13:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25	U	130	25	mg/Kg	☼		05/24/11 13:16	5
Sulfate	25	U	130	25	mg/Kg	☼		05/24/11 13:16	5
Nitrate Nitrite as N	0.69	U	2.5	0.69	mg/Kg	☼		05/24/11 16:34	1

Client Sample ID: OR-06-SW-05

Lab Sample ID: 680-68645-11

Date Collected: 05/23/11 09:35
Matrix: Water
Date Received: 05/23/11 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/24/11 03:32	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/24/11 03:32	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/24/11 03:32	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/24/11 03:32	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/24/11 03:32	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/24/11 03:32	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/24/11 03:32	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 03:32	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/24/11 03:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/24/11 03:32	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/24/11 03:32	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/24/11 03:32	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 03:32	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/24/11 03:32	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/24/11 03:32	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/24/11 03:32	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/24/11 03:32	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/24/11 03:32	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/24/11 03:32	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/24/11 03:32	1
Acetone	5.0	U	25	5.0	ug/L			05/24/11 03:32	1
Benzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/24/11 03:32	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/24/11 03:32	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/24/11 03:32	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/24/11 03:32	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/24/11 03:32	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/24/11 03:32	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/24/11 03:32	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/24/11 03:32	1
Chloromethane	0.33	U	1.0	0.33	ug/L			05/24/11 03:32	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 03:32	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/24/11 03:32	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/24/11 03:32	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/24/11 03:32	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/24/11 03:32	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 03:32	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/24/11 03:32	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/24/11 03:32	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/24/11 03:32	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/24/11 03:32	1
2-Butanone	1.0	U	10	1.0	ug/L			05/24/11 03:32	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/24/11 03:32	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/24/11 03:32	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/24/11 03:32	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/24/11 03:32	1
Styrene	0.11	U	1.0	0.11	ug/L			05/24/11 03:32	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/24/11 03:32	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/24/11 03:32	1
Toluene	0.33	U	1.0	0.33	ug/L			05/24/11 03:32	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/24/11 03:32	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/24/11 03:32	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/24/11 03:32	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/24/11 03:32	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/24/11 03:32	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/24/11 03:32	1

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/24/11 03:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/11 03:32*	*1*

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*05/24/11 03:32*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*05/24/11 03:32*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*05/24/11 03:32*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Acenaphthylene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Acetophenone	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzo[a]anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzo[b]fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzo[k]fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzo[g,h,i]perylene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzo[a]pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Bis(2-chloroethoxy)methane	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Bis(2-chloroethyl)ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Bis(2-ethylhexyl) phthalate	0.58	U	1.8	0.58	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Bromophenyl phenyl ether	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
Butyl benzyl phthalate	**0.11**	**J B**	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
Carbazole	0.090	U	1.8	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Chloroaniline	0.32	U	1.8	0.32	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Chloro-3-methylphenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Chloronaphthalene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Chlorophenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Chlorophenyl phenyl ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Chrysene	0.041	U	0.18	0.041	ug/L		05/23/11 16:41	05/25/11 14:15	1
Dibenz(a,h)anthracene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Dibenzofuran	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Di-n-butyl phthalate	0.35	U	0.90	0.35	ug/L		05/23/11 16:41	05/25/11 14:15	1
3,3'-Dichlorobenzidine	1.8	U	18	1.8	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4-Dichlorophenol	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Diethyl phthalate	0.099	U	0.90	0.099	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4-Dimethylphenol	0.62	U	1.8	0.62	ug/L		05/23/11 16:41	05/25/11 14:15	1
Dimethyl phthalate	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
4,6-Dinitro-2-methylphenol	0.12	U	4.5	0.12	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4-Dinitrophenol	0.99	U	9.0	0.99	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4-Dinitrotoluene	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,6-Dinitrotoluene	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/25/11 14:15	1
Di-n-octyl phthalate	0.15	U	0.90	0.15	ug/L		05/23/11 16:41	05/25/11 14:15	1
N-Nitrosodiphenylamine	0.33	U	0.90	0.33	ug/L		05/23/11 16:41	05/25/11 14:15	1
1,4-Dioxane	0.28	U	1.8	0.28	ug/L		05/23/11 16:41	05/25/11 14:15	1
Fluoranthene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Fluorene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Hexachlorobenzene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.45	U	1.8	0.45	ug/L		05/23/11 16:41	05/25/11 14:15	1
Hexachloroethane	0.45	U	0.90	0.45	ug/L		05/23/11 16:41	05/25/11 14:15	1
Indeno[1,2,3-cd]pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Isophorone	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Methylnaphthalene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Methylphenol	0.67	U	1.8	0.67	ug/L		05/23/11 16:41	05/25/11 14:15	1
3 & 4 Methylphenol	0.59	U	1.8	0.59	ug/L		05/23/11 16:41	05/25/11 14:15	1
Naphthalene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Nitroaniline	0.14	U	0.90	0.14	ug/L		05/23/11 16:41	05/25/11 14:15	1
3-Nitroaniline	0.14	U	4.5	0.14	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Nitroaniline	0.45	U	4.5	0.45	ug/L		05/23/11 16:41	05/25/11 14:15	1
Nitrobenzene	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2-Nitrophenol	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
4-Nitrophenol	0.45	U	4.5	0.45	ug/L		05/23/11 16:41	05/25/11 14:15	1
N-Nitrosodi-n-propylamine	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/25/11 14:15	1
Pentachlorophenol	0.36	U	4.5	0.36	ug/L		05/23/11 16:41	05/25/11 14:15	1
Phenanthrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Phenol	0.12	U	0.90	0.12	ug/L		05/23/11 16:41	05/25/11 14:15	1
Pyrene	0.090	U	0.18	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4,5-Trichlorophenol	0.11	U	0.90	0.11	ug/L		05/23/11 16:41	05/25/11 14:15	1
2,4,6-Trichlorophenol	0.15	U	0.90	0.15	ug/L		05/23/11 16:41	05/25/11 14:15	1
Atrazine	0.32	U	1.8	0.32	ug/L		05/23/11 16:41	05/25/11 14:15	1
Benzaldehyde	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
1,1'-Biphenyl	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1
Caprolactam	**0.16**	**J**	0.90	0.12	ug/L		05/23/11 16:41	05/25/11 14:15	1
bis (2-chloroisopropyl) ether	0.090	U	0.90	0.090	ug/L		05/23/11 16:41	05/25/11 14:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*15*	*T A J*	*ug/L*		*4.04*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.43*	*T J*	*ug/L*		*5.09*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Benzoic acid	*12*		*ug/L*		*6.74*	*65-85-0*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Diethyltoluamide	*0.42*	*T J N*	*ug/L*		*9.42*	*134-62-3*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
2(3H)-Benzothiazolone	*0.48*	*T J N*	*ug/L*		*9.92*	*934-34-9*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown Organic Acid	*0.21*	*T J*	*ug/L*		*10.29*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Hexadecanoic acid	*0.93*	*T J N*	*ug/L*		*11.33*	*57-10-3*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.22*	*T J*	*ug/L*		*12.20*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.64*	*T J*	*ug/L*		*12.22*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Octadecanoic acid	*0.74*	*T J N*	*ug/L*		*12.29*	*57-11-4*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.25*	*T J*	*ug/L*		*12.37*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*12.41*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Bacchotricuneatin c	*0.40*	*T J N*	*ug/L*		*12.46*	*66563-30-2*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown Organic Acid	*0.48*	*T J*	*ug/L*		*12.51*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.73*	*T J*	*ug/L*		*13.31*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.54*	*T J*	*ug/L*		*13.71*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown Organic Acid	*1.9*	*T J*	*ug/L*		*14.05*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Octadecane, 2-methyl-	*0.82*	*T J N*	*ug/L*		*14.10*	*1560-88-9*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Decane, 1-iodo-	*0.47*	*T J N*	*ug/L*		*14.48*	*2050-77-3*	*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.63*	*T J*	*ug/L*		*14.83*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.70*	*T J*	*ug/L*		*15.20*		*05/23/11 16:41*	*05/25/11 14:15*	*1*
Unknown	*0.45*	*T J*	*ug/L*		*15.58*		*05/23/11 16:41*	*05/25/11 14:15*	*1*

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.42	T J	ug/L		16.01		05/23/11 16:41	05/25/11 14:15	1
Unknown	0.40	T J	ug/L		16.49		05/23/11 16:41	05/25/11 14:15	1
Unknown	0.29	T J	ug/L		17.02		05/23/11 16:41	05/25/11 14:15	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		34 - 130	05/23/11 16:41	05/25/11 14:15	1
2-Fluorophenol	64		25 - 130	05/23/11 16:41	05/25/11 14:15	1
Nitrobenzene-d5	72		32 - 130	05/23/11 16:41	05/25/11 14:15	1
Phenol-d5	64		27 - 130	05/23/11 16:41	05/25/11 14:15	1
Terphenyl-d14	65		36 - 130	05/23/11 16:41	05/25/11 14:15	1
2,4,6-Tribromophenol	105		30 - 130	05/23/11 16:41	05/25/11 14:15	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0063	U	0.098	0.0063	ug/L		05/23/11 16:41	05/25/11 15:05	1
4,4'-DDE	0.0075	U	0.098	0.0075	ug/L		05/23/11 16:41	05/25/11 15:05	1
4,4'-DDT	**0.10**	**B**	0.098	0.0095	ug/L		05/23/11 16:41	05/25/11 15:05	1
Aldrin	0.0068	U	0.049	0.0068	ug/L		05/23/11 16:41	05/25/11 15:05	1
alpha-BHC	0.0056	U	0.049	0.0056	ug/L		05/23/11 16:41	05/25/11 15:05	1
beta-BHC	0.0065	U *	0.049	0.0065	ug/L		05/23/11 16:41	05/25/11 15:05	1
Chlordane (technical)	0.098	U	0.49	0.098	ug/L		05/23/11 16:41	05/25/11 15:05	1
delta-BHC	0.0047	U	0.049	0.0047	ug/L		05/23/11 16:41	05/25/11 15:05	1
Dieldrin	0.0089	U	0.098	0.0089	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endosulfan I	0.0041	U	0.049	0.0041	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endosulfan II	0.0096	U	0.098	0.0096	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endosulfan sulfate	0.0066	U	0.098	0.0066	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endrin	0.0095	U	0.098	0.0095	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endrin aldehyde	0.016	U *	0.098	0.016	ug/L		05/23/11 16:41	05/25/11 15:05	1
Endrin ketone	0.0082	U	0.098	0.0082	ug/L		05/23/11 16:41	05/25/11 15:05	1
gamma-BHC (Lindane)	0.0058	U	0.049	0.0058	ug/L		05/23/11 16:41	05/25/11 15:05	1
Heptachlor	0.0068	U	0.049	0.0068	ug/L		05/23/11 16:41	05/25/11 15:05	1
Heptachlor epoxide	0.0059	U	0.049	0.0059	ug/L		05/23/11 16:41	05/25/11 15:05	1
Methoxychlor	0.013	U	0.098	0.013	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1016	0.069	U	0.98	0.069	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1221	0.27	U	2.0	0.27	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1232	0.11	U	0.98	0.11	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1242	0.18	U	0.98	0.18	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1248	0.35	U	0.98	0.35	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1254	0.25	U	0.98	0.25	ug/L		05/23/11 16:41	05/25/11 15:05	1
PCB-1260	0.20	U	0.98	0.20	ug/L		05/23/11 16:41	05/25/11 15:05	1
Toxaphene	0.49	U	4.9	0.49	ug/L		05/23/11 16:41	05/25/11 15:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		40 - 130	05/23/11 16:41	05/25/11 15:05	1
Tetrachloro-m-xylene	96		36 - 130	05/23/11 16:41	05/25/11 15:05	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		05/24/11 08:34	05/25/11 13:46	1
2,4-DB	0.15	U	0.48	0.15	ug/L		05/24/11 08:34	05/25/11 13:46	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		05/24/11 08:34	05/25/11 13:46	1

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-06-SW-05

Lab Sample ID: 680-68645-11

Date Collected: 05/23/11 09:35

Matrix: Water

Date Received: 05/23/11 14:45

Method: 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		05/24/11 08:34	05/25/11 13:46	1
Dalapon	0.097	U	9.7	0.097	ug/L		05/24/11 08:34	05/25/11 13:46	1
Dicamba	0.082	U	0.48	0.082	ug/L		05/24/11 08:34	05/25/11 13:46	1
Dichlorprop	0.15	U	0.48	0.15	ug/L		05/24/11 08:34	05/25/11 13:46	1
Dinoseb	0.15	U	5.8	0.15	ug/L		05/24/11 08:34	05/25/11 13:46	1
MCPA	16	U	120	16	ug/L		05/24/11 08:34	05/25/11 13:46	1
Mecoprop	18	U	120	18	ug/L		05/24/11 08:34	05/25/11 13:46	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*79*		*52 - 151*	*05/24/11 08:34*	*05/25/11 13:46*	*1*
DCAA	*68*		*52 - 151*	*05/24/11 08:34*	*05/25/11 13:46*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U	50	5.0	ug/L		05/26/11 10:44	05/26/11 23:09	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 14:21	1
Aluminum	**290**		100	50	ug/L		05/24/11 10:09	05/25/11 14:21	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 14:21	1
Barium	**30**		5.0	1.4	ug/L		05/24/11 10:09	05/25/11 14:21	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 14:21	1
Calcium	**15000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:21	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 14:21	1
Cobalt	**0.54**		0.50	0.12	ug/L		05/24/11 10:09	05/25/11 14:21	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 14:21	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 14:21	1
Iron	**860**		100	44	ug/L		05/24/11 10:09	05/25/11 14:21	1
Potassium	**1700**		1000	330	ug/L		05/24/11 10:09	05/25/11 14:21	1
Magnesium	**1900**		250	100	ug/L		05/24/11 10:09	05/25/11 14:21	1
Manganese	**130**		5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:21	1
Sodium	**16000**		500	170	ug/L		05/24/11 10:09	05/25/11 14:21	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:21	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 14:21	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 14:21	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 14:21	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 14:21	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 14:21	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 14:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 14:01	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.68**	**HF**			SU			05/23/11 17:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.3**		5.0	1.0	mg/L			05/24/11 11:18	5
Sulfate	**11**		5.0	2.6	mg/L			05/24/11 11:18	5

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.19**		0.050	0.026	mg/L			05/25/11 10:11	1
Nitrogen, Kjeldahl	**0.87**		0.20	0.15	mg/L		05/25/11 12:30	05/26/11 12:29	1
Nitrate Nitrite as N	**0.42**		0.050	0.010	mg/L			05/23/11 17:04	1
Phosphorus	**0.23**		0.10	0.024	mg/L		05/25/11 12:30	05/26/11 12:48	1
Chemical Oxygen Demand	**23**		20	6.3	mg/L			05/24/11 07:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U HF	1.0	1.0	mg/L			05/24/11 14:50	1
Oxygen, Dissolved	**7.2**		0.10	0.10	mg/L			05/23/11 16:47	1
Sulfide	1.0	U	1.0	1.0	mg/L			05/24/11 13:16	1
Sulfite	5.0	U HF	5.0	5.0	mg/L			05/24/11 12:17	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1
Ammonium ion	**0.24**		0.030	0.030	mg/L			05/25/11 15:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-130)	(65-130)	(65-130)
680-68645-4	OR-04-SD-01	93	111	95
680-68645-6	OR-05-SD-02	95	104	95
680-68645-9	OR-TB-SD-01	98	103	95
680-68645-10	OR--06-SD-03	83	102	89
LCS 680-203878/7	LCS 680-203878/7	94	91	92
LCSD 680-203878/8	LCSD 680-203878/8	99	95	94
MB 680-203878/10	MB 680-203878/10	98	101	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
680-68645-1	OR-01-BG-01	97	97	100
680-68645-2	OR-02-SW-01	96	99	107
680-68645-3	OR-03-SW-02	90	102	105
680-68645-5	OR-04-SW-03	97	101	107
680-68645-7	OR-05-SW-04	99	96	109
680-68645-8	OR-TB-SW-01	94	108	99
680-68645-11	OR-06-SW-05	95	98	111
LCS 680-203802/8	LCS 680-203802/8	105	111	105
LCS 680-203845/12	LCS 680-203845/12	112	100	110
LCSD 680-203802/9	LCSD 680-203802/9	106	111	105
LCSD 680-203845/13	LCSD 680-203845/13	105	98	107
MB 680-203802/11	MB 680-203802/11	95	109	98
MB 680-203845/15	MB 680-203845/15	98	99	104

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(11-130)	(10-130)	(18-130)	(10-130)	(27-130)	(24-130)
680-68645-4	OR-04-SD-01	80	70	75	74	80	104
680-68645-6	OR-05-SD-02	76	73	72	73	74	98
680-68645-10	OR--06-SD-03	84	39	74	64	75	107
680-68645-10 MS	OR--06-SD-03	75	65	68	69	73	100
680-68645-10 MSD	OR--06-SD-03	81	74	74	76	85	109
LCS 680-203861/5-A	LCS 680-203861/5-A	75	75	72	76	80	96
MB 680-203861/4-A	MB 680-203861/4-A	73	77	70	80	87	90

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(34-130)	(25-130)	(32-130)	(27-130)	(36-130)	(30-130)
680-68645-1	OR-01-BG-01	76	64	75	62	67	95
680-68645-2	OR-02-SW-01	71	60	73	58	60	93
680-68645-3	OR-03-SW-02	75	62	78	58	74	102
680-68645-5	OR-04-SW-03	72	57	68	56	49	93
680-68645-7	OR-05-SW-04	71	60	71	59	66	95
680-68645-11	OR-06-SW-05	75	64	72	64	65	105
LCS 680-203787/8-A	LCS 680-203787/8-A	78	74	82	77	86	101
LCSD 680-203787/9-A	LCSD 680-203787/9-A	90	74	88	75	89	108
MB 680-203787/7-A	MB 680-203787/7-A	83	68	78	70	89	82

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(60-139)	(60-139)	(70-130)	(70-130)
680-68645-4	OR-04-SD-01	84	84	113	108
680-68645-6	OR-05-SD-02	114	131	88	69 X
680-68645-10	OR--06-SD-03	100	110	67 X	65 X
LCS 680-203858/12-A	LCS 680-203858/12-A	86	90	72	70
LCS 680-203858/15-A	LCS 680-203858/15-A	79	75	76	61 X
LCS 680-203858/18-A	LCS 680-203858/18-A	78	83	91	84
MB 680-203858/11-A	MB 680-203858/11-A	97	100	88	76

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(40-130)	(36-130)
680-68645-1	OR-01-BG-01	30 X	68

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(40-130)	(36-130)
680-68645-2	OR-02-SW-01	27 X	68
680-68645-3	OR-03-SW-02	36 X	70
680-68645-5	OR-04-SW-03	16 X	64
680-68645-7	OR-05-SW-04	41	61
680-68645-11	OR-06-SW-05	43	96
LCS 680-203743/10-A	LCS 680-203743/10-A	81	69
LCS 680-203743/13-A	LCS 680-203743/13-A	85	73
LCS 680-203743/16-A	LCS 680-203743/16-A	97	84
MB 680-203743/9-A	MB 680-203743/9-A	86	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(35-137)	(35-137)
680-68645-4	OR-04-SD-01	68	61
680-68645-6	OR-05-SD-02	76	57
680-68645-10	OR--06-SD-03	63	60
LCS 680-203757/9-A	LCS 680-203757/9-A	72	73
MB 680-203757/8-A	MB 680-203757/8-A	59	59

Surrogate Legend

DCPA = DCAA

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(52-151)	(52-151)
680-68645-1	OR-01-BG-01	76	68
680-68645-2	OR-02-SW-01	63	76
680-68645-3	OR-03-SW-02	55 p	83
680-68645-5	OR-04-SW-03	2481 E X	115 p
680-68645-7	OR-05-SW-04	85	69
680-68645-11	OR-06-SW-05	79	68
LCS 680-203829/9-A	LCS 680-203829/9-A	74	78
MB 680-203829/8-A	MB 680-203829/8-A	93	69

Surrogate Legend

DCPA = DCAA

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-203802/11
Matrix: Water
Analysis Batch: 203802

Client Sample ID: MB 680-203802/11
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/23/11 14:26	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/23/11 14:26	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/23/11 14:26	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/23/11 14:26	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/23/11 14:26	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/23/11 14:26	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/23/11 14:26	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 14:26	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/23/11 14:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/23/11 14:26	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/23/11 14:26	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/23/11 14:26	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 14:26	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 14:26	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 14:26	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/23/11 14:26	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/23/11 14:26	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/23/11 14:26	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/23/11 14:26	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/23/11 14:26	1
Acetone	5.0	U	25	5.0	ug/L			05/23/11 14:26	1
Benzene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/23/11 14:26	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/23/11 14:26	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/23/11 14:26	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/23/11 14:26	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/23/11 14:26	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/23/11 14:26	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/23/11 14:26	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/23/11 14:26	1
Chloromethane	0.33	U	1.0	0.33	ug/L			05/23/11 14:26	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 14:26	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/23/11 14:26	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/23/11 14:26	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/23/11 14:26	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/23/11 14:26	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 14:26	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/23/11 14:26	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/23/11 14:26	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/23/11 14:26	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/23/11 14:26	1
2-Butanone	1.0	U	10	1.0	ug/L			05/23/11 14:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-203802/11
Matrix: Water
Analysis Batch: 203802

Client Sample ID: MB 680-203802/11
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 14:26	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/23/11 14:26	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/23/11 14:26	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/23/11 14:26	1
Styrene	0.11	U	1.0	0.11	ug/L			05/23/11 14:26	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/23/11 14:26	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 14:26	1
Toluene	0.33	U	1.0	0.33	ug/L			05/23/11 14:26	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/23/11 14:26	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/23/11 14:26	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/23/11 14:26	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 14:26	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/23/11 14:26	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/23/11 14:26	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/23/11 14:26	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon dioxide	*308*	*T B J N*	*ug/L*		*0.81*	*124-38-9*		*05/23/11 14:26*	*1*

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*05/23/11 14:26*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*05/23/11 14:26*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/23/11 14:26*	*1*

Lab Sample ID: LCS 680-203802/8
Matrix: Water
Analysis Batch: 203802

Client Sample ID: LCS 680-203802/8
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.3		ug/L		97	70 - 130
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	70 - 130
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	70 - 130
1,1-Dichloroethane	50.0	56.4		ug/L		113	70 - 130
1,1-Dichloroethene	50.0	42.2		ug/L		84	66 - 131
1,1-Dichloropropene	50.0	53.8		ug/L		108	70 - 130
1,2,3-Trichlorobenzene	50.0	49.6		ug/L		99	70 - 130
1,2,3-Trichloropropane	50.0	48.3		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	50.0	48.0		ug/L		96	65 - 130
1,2,4-Trimethylbenzene	50.0	48.4		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	70 - 130
1,2-Dichlorobenzene	50.0	47.7		ug/L		95	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	70 - 130
1,2-Dichloroethene, Total	100	102		ug/L		102	70 - 130
1,2-Dichloropropane	50.0	53.1		ug/L		106	70 - 130
1,3,5-Trimethylbenzene	50.0	48.4		ug/L		97	70 - 130
1,3-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203802/8
Matrix: Water
Analysis Batch: 203802

Client Sample ID: LCS 680-203802/8
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,3-Dichloropropane	50.0	53.4		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 130
2,2-Dichloropropane	50.0	57.2		ug/L		114	70 - 135
2-Chlorotoluene	50.0	49.8		ug/L		100	70 - 130
2-Hexanone	100	97.1		ug/L		97	42 - 185
4-Chlorotoluene	50.0	53.0		ug/L		106	70 - 130
Acetone	100	90.4		ug/L		90	26 - 180
Benzene	50.0	53.2		ug/L		106	70 - 130
Bromobenzene	50.0	51.5		ug/L		103	70 - 130
Bromochloromethane	50.0	59.4		ug/L		119	70 - 130
Bromoform	50.0	50.2		ug/L		100	70 - 130
Bromodichloromethane	50.0	50.2		ug/L		100	70 - 130
Bromomethane	50.0	38.9		ug/L		78	23 - 165
Carbon disulfide	50.0	45.3		ug/L		91	54 - 132
Carbon tetrachloride	50.0	49.6		ug/L		99	70 - 130
Chlorobenzene	50.0	48.8		ug/L		98	70 - 130
Chloroethane	50.0	43.4		ug/L		87	56 - 152
Chloroform	50.0	55.3		ug/L		111	70 - 130
Chloromethane	50.0	41.6		ug/L		83	70 - 130
cis-1,2-Dichloroethene	50.0	57.0		ug/L		114	70 - 130
cis-1,3-Dichloropropene	50.0	55.3		ug/L		111	70 - 130
Dibromochloromethane	50.0	51.5		ug/L		103	70 - 130
Dibromomethane	50.0	50.0		ug/L		100	70 - 130
Dichlorodifluoromethane	50.0	49.9		ug/L		100	44 - 146
Ethylbenzene	50.0	56.0		ug/L		112	70 - 130
Isopropylbenzene	50.0	47.3		ug/L		95	70 - 130
m-Xylene & p-Xylene	100	96.9		ug/L		97	70 - 130
Methyl tert-butyl ether	100	93.2		ug/L		93	64 - 131
Methylene Chloride	50.0	44.7		ug/L		89	67 - 130
4-Methyl-2-pentanone	100	90.6		ug/L		91	70 - 130
2-Butanone	100	116		ug/L		116	49 - 172
1,2-Dibromoethane	50.0	49.8		ug/L		100	70 - 130
n-Butylbenzene	50.0	46.6		ug/L		93	70 - 130
N-Propylbenzene	50.0	50.9		ug/L		102	70 - 130
o-Xylene	50.0	48.3		ug/L		97	70 - 130
p-Isopropyltoluene	50.0	48.8		ug/L		98	70 - 130
sec-Butylbenzene	50.0	50.9		ug/L		102	70 - 130
Styrene	50.0	48.1		ug/L		96	70 - 130
tert-Butylbenzene	50.0	48.6		ug/L		97	70 - 130
Tetrachloroethene	50.0	51.6		ug/L		103	70 - 130
Toluene	50.0	55.2		ug/L		110	70 - 130
trans-1,2-Dichloroethene	50.0	45.1		ug/L		90	70 - 130
trans-1,3-Dichloropropene	50.0	44.0		ug/L		88	70 - 130
Trichloroethene	50.0	49.7		ug/L		99	70 - 130
Trichlorofluoromethane	50.0	44.5		ug/L		89	55 - 156
Vinyl acetate	100	127		ug/L		127	60 - 176
Vinyl chloride	50.0	45.8		ug/L		92	67 - 134
Xylenes, Total	150	145		ug/L		97	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203802/8
Matrix: Water
Analysis Batch: 203802

Client Sample ID: LCS 680-203802/8
Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 680-203802/9
Matrix: Water
Analysis Batch: 203802

Client Sample ID: LCSD 680-203802/9
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	48.4		ug/L		97	70 - 130	0	30
1,1,1-Trichloroethane			50.0	50.3		ug/L		101	70 - 130	2	30
1,1,2,2-Tetrachloroethane			50.0	49.4		ug/L		99	70 - 130	1	30
1,1,2-Trichloroethane			50.0	50.8		ug/L		102	70 - 130	5	30
1,1-Dichloroethane			50.0	56.0		ug/L		112	70 - 130	1	30
1,1-Dichloroethene			50.0	42.0		ug/L		84	66 - 131	1	30
1,1-Dichloropropene			50.0	55.0		ug/L		110	70 - 130	2	30
1,2,3-Trichlorobenzene			50.0	50.6		ug/L		101	70 - 130	2	30
1,2,3-Trichloropropane			50.0	49.4		ug/L		99	70 - 130	2	30
1,2,4-Trichlorobenzene			50.0	49.4		ug/L		99	65 - 130	3	30
1,2,4-Trimethylbenzene			50.0	48.7		ug/L		97	70 - 130	1	50
1,2-Dibromo-3-Chloropropane			50.0	50.9		ug/L		102	70 - 130	4	50
1,2-Dichlorobenzene			50.0	48.3		ug/L		97	70 - 130	1	30
1,2-Dichloroethane			50.0	44.0		ug/L		88	70 - 130	3	30
1,2-Dichloroethene, Total			100	104		ug/L		104	70 - 130	2	30
1,2-Dichloropropane			50.0	54.3		ug/L		109	70 - 130	2	30
1,3,5-Trimethylbenzene			50.0	48.6		ug/L		97	70 - 130	0	50
1,3-Dichlorobenzene			50.0	49.1		ug/L		98	70 - 130	1	30
1,3-Dichloropropane			50.0	54.2		ug/L		108	70 - 130	1	30
1,4-Dichlorobenzene			50.0	50.0		ug/L		100	70 - 130	3	30
2,2-Dichloropropane			50.0	56.5		ug/L		113	70 - 135	1	30
2-Chlorotoluene			50.0	50.7		ug/L		101	70 - 130	2	30
2-Hexanone			100	99.5		ug/L		99	42 - 185	2	30
4-Chlorotoluene			50.0	53.6		ug/L		107	70 - 130	1	30
Acetone			100	87.7		ug/L		88	26 - 180	3	50
Benzene			50.0	53.4		ug/L		107	70 - 130	0	30
Bromobenzene			50.0	52.2		ug/L		104	70 - 130	1	30
Bromochloromethane			50.0	59.1		ug/L		118	70 - 130	1	30
Bromoform			50.0	49.9		ug/L		100	70 - 130	1	30
Bromodichloromethane			50.0	51.3		ug/L		103	70 - 130	2	30
Bromomethane			50.0	40.2		ug/L		80	23 - 165	3	50
Carbon disulfide			50.0	44.9		ug/L		90	54 - 132	1	30
Carbon tetrachloride			50.0	50.1		ug/L		100	70 - 130	1	30
Chlorobenzene			50.0	49.6		ug/L		99	70 - 130	2	30
Chloroethane			50.0	43.1		ug/L		86	56 - 152	1	40
Chloroform			50.0	55.4		ug/L		111	70 - 130	0	30
Chloromethane			50.0	41.8		ug/L		84	70 - 130	0	30
cis-1,2-Dichloroethene			50.0	58.4		ug/L		117	70 - 130	2	30
cis-1,3-Dichloropropene			50.0	54.9		ug/L		110	70 - 130	1	30
Dibromochloromethane			50.0	51.8		ug/L		104	70 - 130	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203802/9
Matrix: Water
Analysis Batch: 203802

Client Sample ID: LCSD 680-203802/9
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dibromomethane			50.0	50.3		ug/L		101	70 - 130	1	30
Dichlorodifluoromethane			50.0	49.7		ug/L		99	44 - 146	0	50
Ethylbenzene			50.0	55.7		ug/L		111	70 - 130	0	30
Isopropylbenzene			50.0	47.7		ug/L		95	70 - 130	1	30
m-Xylene & p-Xylene			100	98.3		ug/L		98	70 - 130	1	30
Methyl tert-butyl ether			100	94.4		ug/L		94	64 - 131	1	30
Methylene Chloride			50.0	45.4		ug/L		91	67 - 130	2	30
4-Methyl-2-pentanone			100	92.7		ug/L		93	70 - 130	2	30
2-Butanone			100	117		ug/L		117	49 - 172	1	30
1,2-Dibromoethane			50.0	51.4		ug/L		103	70 - 130	3	30
n-Butylbenzene			50.0	47.1		ug/L		94	70 - 130	1	30
N-Propylbenzene			50.0	51.4		ug/L		103	70 - 130	1	30
o-Xylene			50.0	48.8		ug/L		98	70 - 130	1	30
p-Isopropyltoluene			50.0	49.7		ug/L		99	70 - 130	2	50
sec-Butylbenzene			50.0	51.4		ug/L		103	70 - 130	1	30
Styrene			50.0	48.1		ug/L		96	70 - 130	0	30
tert-Butylbenzene			50.0	49.0		ug/L		98	70 - 130	1	30
Tetrachloroethene			50.0	51.0		ug/L		102	70 - 130	1	30
Toluene			50.0	55.8		ug/L		112	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	45.3		ug/L		91	70 - 130	1	30
trans-1,3-Dichloropropene			50.0	45.1		ug/L		90	70 - 130	2	50
Trichloroethene			50.0	50.0		ug/L		100	70 - 130	1	30
Trichlorofluoromethane			50.0	44.0		ug/L		88	55 - 156	1	30
Vinyl acetate			100	126		ug/L		126	60 - 176	1	30
Vinyl chloride			50.0	45.6		ug/L		91	67 - 134	0	30
Xylenes, Total			150	147		ug/L		98	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 680-203845/15
Matrix: Water
Analysis Batch: 203845

Client Sample ID: MB 680-203845/15
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			05/23/11 22:32	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			05/23/11 22:32	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			05/23/11 22:32	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			05/23/11 22:32	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			05/23/11 22:32	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			05/23/11 22:32	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			05/23/11 22:32	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,2,4-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 22:32	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			05/23/11 22:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-203845/15
Matrix: Water
Analysis Batch: 203845

Client Sample ID: MB 680-203845/15
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			05/23/11 22:32	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			05/23/11 22:32	1
1,2-Dichloroethene, Total	0.29	U	2.0	0.29	ug/L			05/23/11 22:32	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 22:32	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/23/11 22:32	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			05/23/11 22:32	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			05/23/11 22:32	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			05/23/11 22:32	1
2-Chlorotoluene	0.17	U	1.0	0.17	ug/L			05/23/11 22:32	1
2-Hexanone	1.0	U	10	1.0	ug/L			05/23/11 22:32	1
4-Chlorotoluene	0.27	U	1.0	0.27	ug/L			05/23/11 22:32	1
Acetone	5.0	U	25	5.0	ug/L			05/23/11 22:32	1
Benzene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
Bromobenzene	0.16	U	1.0	0.16	ug/L			05/23/11 22:32	1
Bromochloromethane	0.14	U	1.0	0.14	ug/L			05/23/11 22:32	1
Bromoform	0.50	U	1.0	0.50	ug/L			05/23/11 22:32	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
Bromomethane	0.80	U	1.0	0.80	ug/L			05/23/11 22:32	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			05/23/11 22:32	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			05/23/11 22:32	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
Chloroethane	1.0	U	1.0	1.0	ug/L			05/23/11 22:32	1
Chloroform	0.14	U	1.0	0.14	ug/L			05/23/11 22:32	1
Chloromethane	0.33	U	1.0	0.33	ug/L			05/23/11 22:32	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 22:32	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			05/23/11 22:32	1
Dibromochloromethane	0.10	U	1.0	0.10	ug/L			05/23/11 22:32	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			05/23/11 22:32	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			05/23/11 22:32	1
Isopropylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 22:32	1
m-Xylene & p-Xylene	0.20	U	2.0	0.20	ug/L			05/23/11 22:32	1
Methyl tert-butyl ether	0.20	U	10	0.20	ug/L			05/23/11 22:32	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			05/23/11 22:32	1
4-Methyl-2-pentanone	1.0	U	10	1.0	ug/L			05/23/11 22:32	1
2-Butanone	1.0	U	10	1.0	ug/L			05/23/11 22:32	1
1,2-Dibromoethane	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
n-Butylbenzene	0.10	U	1.0	0.10	ug/L			05/23/11 22:32	1
N-Propylbenzene	0.15	U	1.0	0.15	ug/L			05/23/11 22:32	1
o-Xylene	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
p-Isopropyltoluene	0.13	U	1.0	0.13	ug/L			05/23/11 22:32	1
sec-Butylbenzene	0.16	U	1.0	0.16	ug/L			05/23/11 22:32	1
Styrene	0.11	U	1.0	0.11	ug/L			05/23/11 22:32	1
tert-Butylbenzene	0.12	U	1.0	0.12	ug/L			05/23/11 22:32	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			05/23/11 22:32	1
Toluene	0.33	U	1.0	0.33	ug/L			05/23/11 22:32	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			05/23/11 22:32	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			05/23/11 22:32	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			05/23/11 22:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-203845/15
Matrix: Water
Analysis Batch: 203845

Client Sample ID: MB 680-203845/15
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			05/23/11 22:32	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			05/23/11 22:32	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			05/23/11 22:32	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			05/23/11 22:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/23/11 22:32*	*1*

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*05/23/11 22:32*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*05/23/11 22:32*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/23/11 22:32*	*1*

Lab Sample ID: LCS 680-203845/12
Matrix: Water
Analysis Batch: 203845

Client Sample ID: LCS 680-203845/12
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	51.9		ug/L		104	70 - 130
1,1,1-Trichloroethane	50.0	54.2		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L		110	70 - 130
1,1,2-Trichloroethane	50.0	55.1		ug/L		110	70 - 130
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,1-Dichloroethene	50.0	47.6		ug/L		95	66 - 131
1,1-Dichloropropene	50.0	53.4		ug/L		107	70 - 130
1,2,3-Trichlorobenzene	50.0	49.9		ug/L		100	70 - 130
1,2,3-Trichloropropane	50.0	53.2		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	50.0	47.7		ug/L		95	65 - 130
1,2,4-Trimethylbenzene	50.0	56.6		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	55.7		ug/L		111	70 - 130
1,2-Dichlorobenzene	50.0	52.2		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	52.6		ug/L		105	70 - 130
1,2-Dichloroethene, Total	100	98.0		ug/L		98	70 - 130
1,2-Dichloropropane	50.0	54.1		ug/L		108	70 - 130
1,3,5-Trimethylbenzene	50.0	58.9		ug/L		118	70 - 130
1,3-Dichlorobenzene	50.0	52.7		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	54.5		ug/L		109	70 - 130
1,4-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 130
2,2-Dichloropropane	50.0	55.8		ug/L		112	70 - 135
2-Chlorotoluene	50.0	52.8		ug/L		106	70 - 130
2-Hexanone	100	107		ug/L		107	42 - 185
4-Chlorotoluene	50.0	54.9		ug/L		110	70 - 130
Acetone	100	99.8		ug/L		100	26 - 180
Benzene	50.0	53.3		ug/L		107	70 - 130
Bromobenzene	50.0	50.0		ug/L		100	70 - 130
Bromochloromethane	50.0	53.8		ug/L		108	70 - 130
Bromoform	50.0	48.3		ug/L		97	70 - 130
Bromodichloromethane	50.0	56.5		ug/L		113	70 - 130
Bromomethane	50.0	32.3		ug/L		65	23 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203845/12
Matrix: Water
Analysis Batch: 203845

Client Sample ID: LCS 680-203845/12
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbon disulfide	50.0	49.4		ug/L		99	54 - 132
Carbon tetrachloride	50.0	55.4		ug/L		111	70 - 130
Chlorobenzene	50.0	47.4		ug/L		95	70 - 130
Chloroethane	50.0	38.0		ug/L		76	56 - 152
Chloroform	50.0	51.0		ug/L		102	70 - 130
Chloromethane	50.0	50.2		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	58.4		ug/L		117	70 - 130
Dibromochloromethane	50.0	54.6		ug/L		109	70 - 130
Dibromomethane	50.0	52.8		ug/L		106	70 - 130
Dichlorodifluoromethane	50.0	52.6		ug/L		105	44 - 146
Ethylbenzene	50.0	50.2		ug/L		100	70 - 130
Isopropylbenzene	50.0	56.8		ug/L		114	70 - 130
m-Xylene & p-Xylene	100	102		ug/L		102	70 - 130
Methyl tert-butyl ether	100	96.1		ug/L		96	64 - 131
Methylene Chloride	50.0	49.4		ug/L		99	67 - 130
4-Methyl-2-pentanone	100	113		ug/L		113	70 - 130
2-Butanone	100	103		ug/L		103	49 - 172
1,2-Dibromoethane	50.0	55.9		ug/L		112	70 - 130
n-Butylbenzene	50.0	61.8		ug/L		124	70 - 130
N-Propylbenzene	50.0	57.4		ug/L		115	70 - 130
o-Xylene	50.0	53.2		ug/L		106	70 - 130
p-Isopropyltoluene	50.0	57.2		ug/L		114	70 - 130
sec-Butylbenzene	50.0	58.5		ug/L		117	70 - 130
Styrene	50.0	54.8		ug/L		110	70 - 130
tert-Butylbenzene	50.0	54.1		ug/L		108	70 - 130
Tetrachloroethene	50.0	46.8		ug/L		94	70 - 130
Toluene	50.0	55.2		ug/L		110	70 - 130
trans-1,2-Dichloroethene	50.0	48.9		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	59.1		ug/L		118	70 - 130
Trichloroethene	50.0	50.1		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	44.0		ug/L		88	55 - 156
Vinyl acetate	100	132		ug/L		132	60 - 176
Vinyl chloride	50.0	50.7		ug/L		101	67 - 134
Xylenes, Total	150	155		ug/L		104	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*112*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 680-203845/13
Matrix: Water
Analysis Batch: 203845

Client Sample ID: LCSD 680-203845/13
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/L		105	70 - 130	1	30
1,1,1-Trichloroethane	50.0	54.5		ug/L		109	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	53.2		ug/L		106	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203845/13
Matrix: Water
Analysis Batch: 203845

Client Sample ID: LCSD 680-203845/13
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	50.0	54.9		ug/L		110	70 - 130	0	30
1,1-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	2	30
1,1-Dichloroethene	50.0	47.5		ug/L		95	66 - 131	0	30
1,1-Dichloropropene	50.0	53.3		ug/L		107	70 - 130	0	30
1,2,3-Trichlorobenzene	50.0	50.5		ug/L		101	70 - 130	1	30
1,2,3-Trichloropropane	50.0	50.8		ug/L		102	70 - 130	5	30
1,2,4-Trichlorobenzene	50.0	49.0		ug/L		98	65 - 130	3	30
1,2,4-Trimethylbenzene	50.0	58.4		ug/L		117	70 - 130	3	50
1,2-Dibromo-3-Chloropropane	50.0	57.1		ug/L		114	70 - 130	2	50
1,2-Dichlorobenzene	50.0	53.0		ug/L		106	70 - 130	2	30
1,2-Dichloroethane	50.0	52.5		ug/L		105	70 - 130	0	30
1,2-Dichloroethene, Total	100	97.8		ug/L		98	70 - 130	0	30
1,2-Dichloropropane	50.0	52.5		ug/L		105	70 - 130	3	30
1,3,5-Trimethylbenzene	50.0	57.5		ug/L		115	70 - 130	2	50
1,3-Dichlorobenzene	50.0	56.0		ug/L		112	70 - 130	6	30
1,3-Dichloropropane	50.0	55.5		ug/L		111	70 - 130	2	30
1,4-Dichlorobenzene	50.0	53.9		ug/L		108	70 - 130	2	30
2,2-Dichloropropane	50.0	55.0		ug/L		110	70 - 135	1	30
2-Chlorotoluene	50.0	52.3		ug/L		105	70 - 130	1	30
2-Hexanone	100	111		ug/L		111	42 - 185	4	30
4-Chlorotoluene	50.0	53.7		ug/L		107	70 - 130	2	30
Acetone	100	95.7		ug/L		96	26 - 180	4	50
Benzene	50.0	52.9		ug/L		106	70 - 130	1	30
Bromobenzene	50.0	49.4		ug/L		99	70 - 130	1	30
Bromochloromethane	50.0	53.1		ug/L		106	70 - 130	1	30
Bromoform	50.0	46.8		ug/L		94	70 - 130	3	30
Bromodichloromethane	50.0	55.9		ug/L		112	70 - 130	1	30
Bromomethane	50.0	38.2		ug/L		76	23 - 165	17	50
Carbon disulfide	50.0	48.8		ug/L		98	54 - 132	1	30
Carbon tetrachloride	50.0	55.9		ug/L		112	70 - 130	1	30
Chlorobenzene	50.0	47.9		ug/L		96	70 - 130	1	30
Chloroethane	50.0	36.7		ug/L		73	56 - 152	3	40
Chloroform	50.0	49.7		ug/L		99	70 - 130	3	30
Chloromethane	50.0	49.2		ug/L		98	70 - 130	2	30
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	58.6		ug/L		117	70 - 130	0	30
Dibromochloromethane	50.0	54.4		ug/L		109	70 - 130	0	50
Dibromomethane	50.0	51.5		ug/L		103	70 - 130	2	30
Dichlorodifluoromethane	50.0	52.9		ug/L		106	44 - 146	1	50
Ethylbenzene	50.0	50.9		ug/L		102	70 - 130	1	30
Isopropylbenzene	50.0	56.6		ug/L		113	70 - 130	0	30
m-Xylene & p-Xylene	100	103		ug/L		103	70 - 130	1	30
Methyl tert-butyl ether	100	95.9		ug/L		96	64 - 131	0	30
Methylene Chloride	50.0	48.5		ug/L		97	67 - 130	2	30
4-Methyl-2-pentanone	100	111		ug/L		111	70 - 130	1	30
2-Butanone	100	98.6		ug/L		99	49 - 172	4	30
1,2-Dibromoethane	50.0	55.9		ug/L		112	70 - 130	0	30
n-Butylbenzene	50.0	62.6		ug/L		125	70 - 130	1	30
N-Propylbenzene	50.0	56.6		ug/L		113	70 - 130	1	30
o-Xylene	50.0	54.2		ug/L		108	70 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203845/13
Matrix: Water
Analysis Batch: 203845

Client Sample ID: LCSD 680-203845/13
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
p-Isopropyltoluene			50.0	60.3		ug/L		121	70 - 130	5	50
sec-Butylbenzene			50.0	59.8		ug/L		120	70 - 130	2	30
Styrene			50.0	55.8		ug/L		112	70 - 130	2	30
tert-Butylbenzene			50.0	55.6		ug/L		111	70 - 130	3	30
Tetrachloroethene			50.0	46.4		ug/L		93	70 - 130	1	30
Toluene			50.0	54.5		ug/L		109	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	48.9		ug/L		98	70 - 130	0	30
trans-1,3-Dichloropropene			50.0	59.3		ug/L		119	70 - 130	0	50
Trichloroethene			50.0	51.2		ug/L		102	70 - 130	2	30
Trichlorofluoromethane			50.0	43.3		ug/L		87	55 - 156	2	30
Vinyl acetate			100	128		ug/L		128	60 - 176	3	30
Vinyl chloride			50.0	50.0		ug/L		100	67 - 134	1	30
Xylenes, Total			150	157		ug/L		105	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 680-203878/10
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: MB 680-203878/10
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	2.4	U	5.0	2.4	ug/Kg			05/24/11 10:13	1
1,1,1-Trichloroethane	0.59	U	5.0	0.59	ug/Kg			05/24/11 10:13	1
1,1,2,2-Tetrachloroethane	1.6	U	5.0	1.6	ug/Kg			05/24/11 10:13	1
1,1,2-Trichloroethane	1.3	U	5.0	1.3	ug/Kg			05/24/11 10:13	1
1,1-Dichloroethane	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
1,1-Dichloroethene	1.5	U	5.0	1.5	ug/Kg			05/24/11 10:13	1
1,1-Dichloropropene	0.95	U	5.0	0.95	ug/Kg			05/24/11 10:13	1
1,2,3-Trichlorobenzene	1.6	U	5.0	1.6	ug/Kg			05/24/11 10:13	1
1,2,3-Trichloropropane	2.4	U	5.0	2.4	ug/Kg			05/24/11 10:13	1
1,2,4-Trichlorobenzene	0.89	U	5.0	0.89	ug/Kg			05/24/11 10:13	1
1,2,4-Trimethylbenzene	1.4	U	5.0	1.4	ug/Kg			05/24/11 10:13	1
1,2-Dibromo-3-Chloropropane	4.4	U	10	4.4	ug/Kg			05/24/11 10:13	1
1,2-Dichlorobenzene	1.3	U	5.0	1.3	ug/Kg			05/24/11 10:13	1
1,2-Dichloroethane	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
1,2-Dichloroethene, Total	0.63	U	10	0.63	ug/Kg			05/24/11 10:13	1
1,2-Dichloropropane	0.86	U	5.0	0.86	ug/Kg			05/24/11 10:13	1
1,3,5-Trimethylbenzene	1.7	U	5.0	1.7	ug/Kg			05/24/11 10:13	1
1,3-Dichlorobenzene	1.6	U	5.0	1.6	ug/Kg			05/24/11 10:13	1
1,3-Dichloropropane	1.8	U	5.0	1.8	ug/Kg			05/24/11 10:13	1
1,4-Dichlorobenzene	0.74	U	5.0	0.74	ug/Kg			05/24/11 10:13	1
2,2-Dichloropropane	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
2-Chlorotoluene	2.0	U	5.0	2.0	ug/Kg			05/24/11 10:13	1
2-Hexanone	3.3	U	25	3.3	ug/Kg			05/24/11 10:13	1
4-Chlorotoluene	1.7	U	5.0	1.7	ug/Kg			05/24/11 10:13	1
Acetone	11	U	50	11	ug/Kg			05/24/11 10:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-203878/10
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: MB 680-203878/10
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.73	U	5.0	0.73	ug/Kg			05/24/11 10:13	1
Bromobenzene	1.7	U	5.0	1.7	ug/Kg			05/24/11 10:13	1
Bromochloromethane	3.3	U	5.0	3.3	ug/Kg			05/24/11 10:13	1
Bromoform	1.5	U	5.0	1.5	ug/Kg			05/24/11 10:13	1
Bromodichloromethane	0.97	U	5.0	0.97	ug/Kg			05/24/11 10:13	1
Bromomethane	1.5	U	5.0	1.5	ug/Kg			05/24/11 10:13	1
Carbon disulfide	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
Carbon tetrachloride	0.83	U	5.0	0.83	ug/Kg			05/24/11 10:13	1
Chlorobenzene	0.96	U	5.0	0.96	ug/Kg			05/24/11 10:13	1
Chloroethane	2.7	U	5.0	2.7	ug/Kg			05/24/11 10:13	1
Chloroform	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
Chloromethane	1.0	U	5.0	1.0	ug/Kg			05/24/11 10:13	1
cis-1,2-Dichloroethene	1.4	U	5.0	1.4	ug/Kg			05/24/11 10:13	1
cis-1,3-Dichloropropene	0.83	U	5.0	0.83	ug/Kg			05/24/11 10:13	1
Dibromochloromethane	1.7	U	5.0	1.7	ug/Kg			05/24/11 10:13	1
Dibromomethane	1.7	U	5.0	1.7	ug/Kg			05/24/11 10:13	1
Dichlorodifluoromethane	0.94	U	5.0	0.94	ug/Kg			05/24/11 10:13	1
Ethylbenzene	1.3	U	5.0	1.3	ug/Kg			05/24/11 10:13	1
Isopropylbenzene	1.9	U	5.0	1.9	ug/Kg			05/24/11 10:13	1
m-Xylene & p-Xylene	2.6	U	10	2.6	ug/Kg			05/24/11 10:13	1
Methyl tert-butyl ether	1.0	U	50	1.0	ug/Kg			05/24/11 10:13	1
Methylene Chloride	0.98	U	5.0	0.98	ug/Kg			05/24/11 10:13	1
4-Methyl-2-pentanone	4.2	U	25	4.2	ug/Kg			05/24/11 10:13	1
2-Butanone	2.4	U	25	2.4	ug/Kg			05/24/11 10:13	1
1,2-Dibromoethane	1.5	U	5.0	1.5	ug/Kg			05/24/11 10:13	1
n-Butylbenzene	2.4	U	5.0	2.4	ug/Kg			05/24/11 10:13	1
N-Propylbenzene	2.7	U	5.0	2.7	ug/Kg			05/24/11 10:13	1
o-Xylene	1.1	U	5.0	1.1	ug/Kg			05/24/11 10:13	1
p-Isopropyltoluene	2.2	U	5.0	2.2	ug/Kg			05/24/11 10:13	1
sec-Butylbenzene	2.1	U	5.0	2.1	ug/Kg			05/24/11 10:13	1
Styrene	0.93	U	5.0	0.93	ug/Kg			05/24/11 10:13	1
tert-Butylbenzene	1.8	U	5.0	1.8	ug/Kg			05/24/11 10:13	1
Tetrachloroethene	1.9	U	5.0	1.9	ug/Kg			05/24/11 10:13	1
Toluene	0.84	U	5.0	0.84	ug/Kg			05/24/11 10:13	1
trans-1,2-Dichloroethene	0.63	U	5.0	0.63	ug/Kg			05/24/11 10:13	1
trans-1,3-Dichloropropene	0.87	U	5.0	0.87	ug/Kg			05/24/11 10:13	1
Trichloroethene	1.3	U	5.0	1.3	ug/Kg			05/24/11 10:13	1
Trichlorofluoromethane	1.2	U	5.0	1.2	ug/Kg			05/24/11 10:13	1
Vinyl acetate	2.5	U	10	2.5	ug/Kg			05/24/11 10:13	1
Vinyl chloride	1.5	U	5.0	1.5	ug/Kg			05/24/11 10:13	1
Xylenes, Total	1.1	U	10	1.1	ug/Kg			05/24/11 10:13	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Carbon Dioxide	*858*	*T J N*	*ug/Kg*		*0.84*	*124-38-9*		*05/24/11 10:13*	*1*

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*		*05/24/11 10:13*	*1*
Dibromofluoromethane	*101*		*65 - 130*		*05/24/11 10:13*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*		*05/24/11 10:13*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203878/7
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: LCS 680-203878/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	43.5		ug/Kg		87	70 - 130
1,1,1-Trichloroethane	50.0	47.2		ug/Kg		94	69 - 130
1,1,2,2-Tetrachloroethane	50.0	43.3		ug/Kg		87	70 - 130
1,1,2-Trichloroethane	50.0	44.7		ug/Kg		89	70 - 130
1,1-Dichloroethane	50.0	44.4		ug/Kg		89	70 - 130
1,1-Dichloroethene	50.0	43.2		ug/Kg		86	69 - 130
1,1-Dichloropropene	50.0	46.9		ug/Kg		94	70 - 130
1,2,3-Trichlorobenzene	50.0	46.2		ug/Kg		92	68 - 130
1,2,3-Trichloropropane	50.0	43.2		ug/Kg		86	70 - 130
1,2,4-Trichlorobenzene	50.0	45.7		ug/Kg		91	68 - 130
1,2,4-Trimethylbenzene	50.0	45.8		ug/Kg		92	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	40.3		ug/Kg		81	67 - 130
1,2-Dichlorobenzene	50.0	42.5		ug/Kg		85	70 - 130
1,2-Dichloroethane	50.0	46.1		ug/Kg		92	66 - 130
1,2-Dichloroethene, Total	100	88.3		ug/Kg		88	70 - 130
1,2-Dichloropropane	50.0	43.2		ug/Kg		86	70 - 130
1,3,5-Trimethylbenzene	50.0	46.1		ug/Kg		92	70 - 130
1,3-Dichlorobenzene	50.0	43.5		ug/Kg		87	70 - 130
1,3-Dichloropropane	50.0	43.6		ug/Kg		87	70 - 130
1,4-Dichlorobenzene	50.0	43.9		ug/Kg		88	70 - 130
2,2-Dichloropropane	50.0	47.5		ug/Kg		95	70 - 130
2-Chlorotoluene	50.0	43.7		ug/Kg		87	70 - 130
2-Hexanone	100	83.9		ug/Kg		84	65 - 130
4-Chlorotoluene	50.0	43.4		ug/Kg		87	70 - 130
Acetone	100	87.0		ug/Kg		87	42 - 130
Benzene	50.0	44.0		ug/Kg		88	70 - 130
Bromobenzene	50.0	43.1		ug/Kg		86	70 - 130
Bromochloromethane	50.0	41.5		ug/Kg		83	64 - 130
Bromoform	50.0	45.2		ug/Kg		90	70 - 130
Bromodichloromethane	50.0	46.1		ug/Kg		92	70 - 130
Bromomethane	50.0	53.0		ug/Kg		106	44 - 130
Carbon disulfide	50.0	45.0		ug/Kg		90	40 - 136
Carbon tetrachloride	50.0	47.0		ug/Kg		94	68 - 130
Chlorobenzene	50.0	44.1		ug/Kg		88	70 - 130
Chloroethane	50.0	46.1		ug/Kg		92	36 - 150
Chloroform	50.0	44.9		ug/Kg		90	70 - 130
Chloromethane	50.0	39.7		ug/Kg		79	62 - 135
cis-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	70 - 130
cis-1,3-Dichloropropene	50.0	44.0		ug/Kg		88	70 - 130
Dibromochloromethane	50.0	44.5		ug/Kg		89	70 - 130
Dibromomethane	50.0	44.1		ug/Kg		88	70 - 130
Dichlorodifluoromethane	50.0	37.6		ug/Kg		75	41 - 137
Ethylbenzene	50.0	45.2		ug/Kg		90	70 - 130
Isopropylbenzene	50.0	45.7		ug/Kg		91	70 - 130
m-Xylene & p-Xylene	100	88.8		ug/Kg		89	70 - 130
Methyl tert-butyl ether	100	83.5		ug/Kg		84	70 - 130
Methylene Chloride	50.0	42.4		ug/Kg		85	52 - 135
4-Methyl-2-pentanone	100	85.7		ug/Kg		86	64 - 130
2-Butanone	100	81.2		ug/Kg		81	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-203878/7
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: LCS 680-203878/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2-Dibromoethane	50.0	43.8		ug/Kg		88	70 - 130
n-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 130
N-Propylbenzene	50.0	45.1		ug/Kg		90	70 - 130
o-Xylene	50.0	44.3		ug/Kg		89	70 - 130
p-Isopropyltoluene	50.0	45.3		ug/Kg		91	70 - 130
sec-Butylbenzene	50.0	45.5		ug/Kg		91	70 - 130
Styrene	50.0	43.4		ug/Kg		87	70 - 130
tert-Butylbenzene	50.0	45.4		ug/Kg		91	70 - 130
Tetrachloroethene	50.0	44.2		ug/Kg		88	70 - 130
Toluene	50.0	43.5		ug/Kg		87	70 - 130
trans-1,2-Dichloroethene	50.0	44.2		ug/Kg		88	70 - 130
trans-1,3-Dichloropropene	50.0	44.0		ug/Kg		88	69 - 130
Trichloroethene	50.0	44.0		ug/Kg		88	70 - 130
Trichlorofluoromethane	50.0	50.7		ug/Kg		101	68 - 130
Vinyl acetate	100	103		ug/Kg		103	36 - 152
Vinyl chloride	50.0	38.9		ug/Kg		78	65 - 135
Xylenes, Total	150	133		ug/Kg		89	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*65 - 130*
Dibromofluoromethane	*91*		*65 - 130*
Toluene-d8 (Surr)	*92*		*65 - 130*

Lab Sample ID: LCSD 680-203878/8
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: LCSD 680-203878/8
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.5		ug/Kg		93	70 - 130	7	50
1,1,1-Trichloroethane	50.0	49.7		ug/Kg		99	69 - 130	5	50
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/Kg		92	70 - 130	6	50
1,1,2-Trichloroethane	50.0	45.0		ug/Kg		90	70 - 130	0	50
1,1-Dichloroethane	50.0	45.8		ug/Kg		92	70 - 130	3	50
1,1-Dichloroethene	50.0	44.7		ug/Kg		89	69 - 130	3	50
1,1-Dichloropropene	50.0	47.5		ug/Kg		95	70 - 130	1	50
1,2,3-Trichlorobenzene	50.0	48.4		ug/Kg		97	68 - 130	4	50
1,2,3-Trichloropropane	50.0	43.6		ug/Kg		87	70 - 130	1	50
1,2,4-Trichlorobenzene	50.0	49.3		ug/Kg		99	68 - 130	8	50
1,2,4-Trimethylbenzene	50.0	48.8		ug/Kg		98	70 - 130	6	50
1,2-Dibromo-3-Chloropropane	50.0	41.2		ug/Kg		82	67 - 130	2	50
1,2-Dichlorobenzene	50.0	46.0		ug/Kg		92	70 - 130	8	50
1,2-Dichloroethane	50.0	46.2		ug/Kg		92	66 - 130	0	50
1,2-Dichloroethene, Total	100	92.1		ug/Kg		92	70 - 130	4	50
1,2-Dichloropropane	50.0	44.9		ug/Kg		90	70 - 130	4	50
1,3,5-Trimethylbenzene	50.0	49.8		ug/Kg		100	70 - 130	8	50
1,3-Dichlorobenzene	50.0	46.4		ug/Kg		93	70 - 130	6	50
1,3-Dichloropropane	50.0	43.3		ug/Kg		87	70 - 130	1	50
1,4-Dichlorobenzene	50.0	45.9		ug/Kg		92	70 - 130	4	50
2,2-Dichloropropane	50.0	49.6		ug/Kg		99	70 - 130	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203878/8
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: LCSD 680-203878/8
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Chlorotoluene			50.0	46.8		ug/Kg		94	70 - 130	7	50
2-Hexanone			100	87.8		ug/Kg		88	65 - 130	5	50
4-Chlorotoluene			50.0	46.9		ug/Kg		94	70 - 130	8	50
Acetone			100	98.1		ug/Kg		98	42 - 130	12	50
Benzene			50.0	45.6		ug/Kg		91	70 - 130	4	50
Bromobenzene			50.0	45.6		ug/Kg		91	70 - 130	6	50
Bromochloromethane			50.0	44.4		ug/Kg		89	64 - 130	7	50
Bromoform			50.0	49.3		ug/Kg		99	70 - 130	9	50
Bromodichloromethane			50.0	47.4		ug/Kg		95	70 - 130	3	50
Bromomethane			50.0	53.8		ug/Kg		108	44 - 130	1	50
Carbon disulfide			50.0	46.7		ug/Kg		93	40 - 136	4	50
Carbon tetrachloride			50.0	48.6		ug/Kg		97	68 - 130	3	50
Chlorobenzene			50.0	47.0		ug/Kg		94	70 - 130	6	50
Chloroethane			50.0	46.9		ug/Kg		94	36 - 150	2	50
Chloroform			50.0	46.0		ug/Kg		92	70 - 130	2	50
Chloromethane			50.0	40.4		ug/Kg		81	62 - 135	2	50
cis-1,2-Dichloroethene			50.0	46.0		ug/Kg		92	70 - 130	4	50
cis-1,3-Dichloropropene			50.0	45.4		ug/Kg		91	70 - 130	3	50
Dibromochloromethane			50.0	47.2		ug/Kg		94	70 - 130	6	50
Dibromomethane			50.0	45.4		ug/Kg		91	70 - 130	3	50
Dichlorodifluoromethane			50.0	39.2		ug/Kg		78	41 - 137	4	50
Ethylbenzene			50.0	48.1		ug/Kg		96	70 - 130	6	50
Isopropylbenzene			50.0	49.2		ug/Kg		98	70 - 130	7	50
m-Xylene & p-Xylene			100	94.0		ug/Kg		94	70 - 130	6	50
Methyl tert-butyl ether			100	86.2		ug/Kg		86	70 - 130	3	50
Methylene Chloride			50.0	43.7		ug/Kg		87	52 - 135	3	50
4-Methyl-2-pentanone			100	87.9		ug/Kg		88	64 - 130	3	50
2-Butanone			100	82.3		ug/Kg		82	70 - 130	1	50
1,2-Dibromoethane			50.0	44.4		ug/Kg		89	70 - 130	1	50
n-Butylbenzene			50.0	51.7		ug/Kg		103	70 - 130	9	50
N-Propylbenzene			50.0	46.8		ug/Kg		94	70 - 130	4	50
o-Xylene			50.0	47.3		ug/Kg		95	70 - 130	7	50
p-Isopropyltoluene			50.0	49.6		ug/Kg		99	70 - 130	9	50
sec-Butylbenzene			50.0	48.0		ug/Kg		96	70 - 130	5	50
Styrene			50.0	46.5		ug/Kg		93	70 - 130	7	50
tert-Butylbenzene			50.0	48.6		ug/Kg		97	70 - 130	7	50
Tetrachloroethene			50.0	47.1		ug/Kg		94	70 - 130	6	50
Toluene			50.0	45.5		ug/Kg		91	70 - 130	4	50
trans-1,2-Dichloroethene			50.0	46.0		ug/Kg		92	70 - 130	4	50
trans-1,3-Dichloropropene			50.0	45.0		ug/Kg		90	69 - 130	2	50
Trichloroethene			50.0	44.9		ug/Kg		90	70 - 130	2	50
Trichlorofluoromethane			50.0	53.0		ug/Kg		106	68 - 130	5	50
Vinyl acetate			100	104		ug/Kg		104	36 - 152	2	50
Vinyl chloride			50.0	39.6		ug/Kg		79	65 - 135	2	50
Xylenes, Total			150	141		ug/Kg		94	70 - 130	6	50

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*65 - 130*
Dibromofluoromethane	*95*		*65 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-203878/8
Matrix: Solid
Analysis Batch: 203878

Client Sample ID: LCSD 680-203878/8
Prep Type: Total/NA

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	94		65 - 130

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Lab Sample ID: MB 680-203787/7-A
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MB 680-203787/7-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Acenaphthylene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Acetophenone	0.157	J	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Anthracene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzo[a]anthracene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzo[b]fluoranthene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzo[k]fluoranthene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzo[g,h,i]perylene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzo[a]pyrene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Bis(2-chloroethoxy)methane	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Bis(2-chloroethyl)ether	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Bis(2-ethylhexyl) phthalate	0.64	U	2.0	0.64	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Bromophenyl phenyl ether	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
Butyl benzyl phthalate	0.129	J	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
Carbazole	0.10	U	2.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Chloroaniline	0.36	U	2.0	0.36	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Chloro-3-methylphenol	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Chloronaphthalene	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Chlorophenol	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Chlorophenyl phenyl ether	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Chrysene	0.045	U	0.20	0.045	ug/L		05/23/11 16:41	05/25/11 12:53	1
Dibenz(a,h)anthracene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Dibenzofuran	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Di-n-butyl phthalate	0.39	U	1.0	0.39	ug/L		05/23/11 16:41	05/25/11 12:53	1
3,3'-Dichlorobenzidine	2.0	U	20	2.0	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4-Dichlorophenol	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Diethyl phthalate	0.11	U	1.0	0.11	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4-Dimethylphenol	0.69	U	2.0	0.69	ug/L		05/23/11 16:41	05/25/11 12:53	1
Dimethyl phthalate	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
4,6-Dinitro-2-methylphenol	0.13	U	5.0	0.13	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4-Dinitrophenol	1.1	U	10	1.1	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4-Dinitrotoluene	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,6-Dinitrotoluene	0.13	U	1.0	0.13	ug/L		05/23/11 16:41	05/25/11 12:53	1
Di-n-octyl phthalate	0.17	U	1.0	0.17	ug/L		05/23/11 16:41	05/25/11 12:53	1
N-Nitrosodiphenylamine	0.37	U	1.0	0.37	ug/L		05/23/11 16:41	05/25/11 12:53	1
1,4-Dioxane	0.31	U	2.0	0.31	ug/L		05/23/11 16:41	05/25/11 12:53	1
Fluoranthene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Fluorene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Hexachlorobenzene	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Hexachlorocyclopentadiene	0.50	U	2.0	0.50	ug/L		05/23/11 16:41	05/25/11 12:53	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-203787/7-A
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MB 680-203787/7-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.50	U	1.0	0.50	ug/L		05/23/11 16:41	05/25/11 12:53	1
Indeno[1,2,3-cd]pyrene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Methylnaphthalene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Isophorone	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Methylphenol	0.74	U	2.0	0.74	ug/L		05/23/11 16:41	05/25/11 12:53	1
3 & 4 Methylphenol	0.66	U	2.0	0.66	ug/L		05/23/11 16:41	05/25/11 12:53	1
Naphthalene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Nitroaniline	0.16	U	1.0	0.16	ug/L		05/23/11 16:41	05/25/11 12:53	1
3-Nitroaniline	0.16	U	5.0	0.16	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Nitroaniline	0.50	U	5.0	0.50	ug/L		05/23/11 16:41	05/25/11 12:53	1
Nitrobenzene	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2-Nitrophenol	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
4-Nitrophenol	0.50	U	5.0	0.50	ug/L		05/23/11 16:41	05/25/11 12:53	1
N-Nitrosodi-n-propylamine	0.13	U	1.0	0.13	ug/L		05/23/11 16:41	05/25/11 12:53	1
Pentachlorophenol	0.40	U	5.0	0.40	ug/L		05/23/11 16:41	05/25/11 12:53	1
Phenanthrene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Phenol	0.13	U	1.0	0.13	ug/L		05/23/11 16:41	05/25/11 12:53	1
Pyrene	0.10	U	0.20	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4,5-Trichlorophenol	0.12	U	1.0	0.12	ug/L		05/23/11 16:41	05/25/11 12:53	1
2,4,6-Trichlorophenol	0.17	U	1.0	0.17	ug/L		05/23/11 16:41	05/25/11 12:53	1
Atrazine	0.35	U	2.0	0.35	ug/L		05/23/11 16:41	05/25/11 12:53	1
Benzaldehyde	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
1,1'-Biphenyl	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1
Caprolactam	0.13	U	1.0	0.13	ug/L		05/23/11 16:41	05/25/11 12:53	1
bis (2-chloroisopropyl) ether	0.10	U	1.0	0.10	ug/L		05/23/11 16:41	05/25/11 12:53	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*15.6*	*T A J*	*ug/L*		*4.03*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*1.98*	*T J*	*ug/L*		*5.08*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown Organic Acid	*0.380*	*T J*	*ug/L*		*5.27*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown Organic Acid	*0.609*	*T J*	*ug/L*		*7.37*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
2-Undecanone	*1.03*	*T J N*	*ug/L*		*7.60*	*112-12-9*	*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.458*	*T J*	*ug/L*		*8.70*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.530*	*T J*	*ug/L*		*10.83*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.435*	*T J*	*ug/L*		*12.22*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*1.94*	*T J*	*ug/L*		*12.41*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.312*	*T J*	*ug/L*		*12.46*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.399*	*T J*	*ug/L*		*12.50*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Tetradecane, 6,9-dimethyl-	*0.368*	*T J N*	*ug/L*		*12.89*	*55045-13-1*	*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown Organic Acid	*0.347*	*T J*	*ug/L*		*13.10*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Tetracosane	*0.580*	*T J N*	*ug/L*		*13.31*	*646-31-1*	*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.404*	*T J*	*ug/L*		*13.59*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.548*	*T J*	*ug/L*		*13.71*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*2.43*	*T J*	*ug/L*		*14.05*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Eicosane	*0.865*	*T J N*	*ug/L*		*14.10*	*112-95-8*	*05/23/11 16:41*	*05/25/11 12:53*	*1*
Tetradecane, 2-methyl-	*0.560*	*T J N*	*ug/L*		*14.47*	*1560-95-8*	*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.763*	*T J*	*ug/L*		*14.83*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.751*	*T J*	*ug/L*		*15.20*		*05/23/11 16:41*	*05/25/11 12:53*	*1*
Unknown	*0.490*	*T J*	*ug/L*		*15.59*		*05/23/11 16:41*	*05/25/11 12:53*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-203787/7-A
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MB 680-203787/7-A
Prep Type: Total/NA
Prep Batch: 203787

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.454	T J	ug/L		16.01		05/23/11 16:41	05/25/11 12:53	1
Unknown	0.405	T J	ug/L		17.64		05/23/11 16:41	05/25/11 12:53	1
Unknown	0.302	T J	ug/L		18.53		05/23/11 16:41	05/25/11 12:53	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		34 - 130	05/23/11 16:41	05/25/11 12:53	1
2-Fluorophenol	68		25 - 130	05/23/11 16:41	05/25/11 12:53	1
Nitrobenzene-d5	78		32 - 130	05/23/11 16:41	05/25/11 12:53	1
Phenol-d5	70		27 - 130	05/23/11 16:41	05/25/11 12:53	1
Terphenyl-d14	89		36 - 130	05/23/11 16:41	05/25/11 12:53	1
2,4,6-Tribromophenol	82		30 - 130	05/23/11 16:41	05/25/11 12:53	1

Lab Sample ID: LCS 680-203787/8-A
Matrix: Water
Analysis Batch: 204015

Client Sample ID: LCS 680-203787/8-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	2.00	1.42		ug/L		71	42 - 130
Acenaphthylene	2.00	1.49		ug/L		74	45 - 130
Anthracene	2.00	1.54		ug/L		77	58 - 130
Benzo[a]anthracene	2.00	1.62		ug/L		81	42 - 143
Benzo[b]fluoranthene	2.00	1.45		ug/L		73	41 - 140
Benzo[k]fluoranthene	2.00	1.43		ug/L		71	45 - 140
Benzo[g,h,i]perylene	2.00	1.37		ug/L		69	27 - 134
Benzo[a]pyrene	2.00	1.67		ug/L		83	45 - 151
Bis(2-chloroethoxy)methane	10.0	7.38		ug/L		74	47 - 130
Bis(2-chloroethyl)ether	10.0	7.00		ug/L		70	36 - 130
Bis(2-ethylhexyl) phthalate	10.0	6.92		ug/L		69	10 - 158
4-Bromophenyl phenyl ether	10.0	8.22		ug/L		82	44 - 130
Butyl benzyl phthalate	10.0	9.56		ug/L		96	60 - 130
Carbazole	10.0	10.0		ug/L		100	19 - 191
4-Chloroaniline	10.0	6.96		ug/L		70	17 - 130
4-Chloro-3-methylphenol	10.0	6.60		ug/L		66	54 - 130
2-Chloronaphthalene	10.0	6.68		ug/L		67	48 - 130
2-Chlorophenol	10.0	6.13		ug/L		61	45 - 130
4-Chlorophenyl phenyl ether	10.0	7.60		ug/L		76	52 - 130
Chrysene	2.00	1.51		ug/L		75	40 - 142
Dibenz(a,h)anthracene	2.00	1.47		ug/L		74	38 - 130
Dibenzofuran	10.0	7.03		ug/L		70	56 - 130
Di-n-butyl phthalate	10.0	8.61		ug/L		86	59 - 130
3,3'-Dichlorobenzidine	10.0	11.0	J	ug/L		110	10 - 158
2,4-Dichlorophenol	10.0	6.25		ug/L		63	58 - 130
Diethyl phthalate	10.0	7.65		ug/L		76	60 - 130
2,4-Dimethylphenol	10.0	5.32		ug/L		53	41 - 130
Dimethyl phthalate	10.0	7.50		ug/L		75	58 - 130
4,6-Dinitro-2-methylphenol	10.0	6.74		ug/L		67	10 - 182
2,4-Dinitrophenol	10.0	6.26	J	ug/L		63	10 - 200
2,4-Dinitrotoluene	10.0	7.60		ug/L		76	57 - 130
2,6-Dinitrotoluene	10.0	7.40		ug/L		74	53 - 130

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-203787/8-A
Matrix: Water
Analysis Batch: 204015

Client Sample ID: LCS 680-203787/8-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	10.0	7.45		ug/L		74	19 - 130
N-Nitrosodiphenylamine	10.0	7.74		ug/L		77	38 - 130
1,4-Dioxane	10.0	4.63		ug/L		46	10 - 130
Fluoranthene	2.00	1.53		ug/L		76	46 - 136
Fluorene	2.00	1.46		ug/L		73	48 - 130
Hexachlorobenzene	10.0	7.38		ug/L		74	49 - 130
Hexachlorocyclopentadiene	10.0	2.40		ug/L		24	16 - 130
Hexachloroethane	10.0	6.26		ug/L		63	32 - 130
Indeno[1,2,3-cd]pyrene	2.00	1.49		ug/L		74	12 - 130
2-Methylnaphthalene	2.00	1.41		ug/L		71	51 - 130
Isophorone	10.0	6.49		ug/L		65	45 - 130
2-Methylphenol	10.0	5.81		ug/L		58	49 - 130
3 & 4 Methylphenol	10.0	6.17		ug/L		62	55 - 130
Naphthalene	2.00	1.49		ug/L		75	35 - 130
2-Nitroaniline	10.0	7.21		ug/L		72	48 - 130
3-Nitroaniline	10.0	7.47		ug/L		75	18 - 147
4-Nitroaniline	10.0	8.68		ug/L		87	31 - 147
Nitrobenzene	10.0	6.56		ug/L		66	45 - 130
2-Nitrophenol	10.0	6.79		ug/L		68	49 - 130
4-Nitrophenol	10.0	4.91	J	ug/L		49	36 - 132
N-Nitrosodi-n-propylamine	10.0	7.03		ug/L		70	42 - 130
Pentachlorophenol	10.0	5.77		ug/L		58	12 - 156
Phenanthrene	2.00	1.50		ug/L		75	45 - 134
Phenol	10.0	5.80		ug/L		58	44 - 130
Pyrene	2.00	1.52		ug/L		76	47 - 143
2,4,5-Trichlorophenol	10.0	7.55		ug/L		75	61 - 130
2,4,6-Trichlorophenol	10.0	6.42		ug/L		64	61 - 130
bis (2-chloroisopropyl) ether	10.0	7.19		ug/L		72	39 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*34 - 130*
2-Fluorophenol	*74*		*25 - 130*
Nitrobenzene-d5	*82*		*32 - 130*
Phenol-d5	*77*		*27 - 130*
Terphenyl-d14	*86*		*36 - 130*
2,4,6-Tribromophenol	*101*		*30 - 130*

Lab Sample ID: LCSD 680-203787/9-A
Matrix: Water
Analysis Batch: 204015

Client Sample ID: LCSD 680-203787/9-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	2.00	1.61		ug/L		80	42 - 130	12	50
Acenaphthylene	2.00	1.68		ug/L		84	45 - 130	12	50
Anthracene	2.00	1.74		ug/L		87	58 - 130	12	50
Benzo[a]anthracene	2.00	1.73		ug/L		86	42 - 143	6	50
Benzo[b]fluoranthene	2.00	1.48		ug/L		74	41 - 140	2	50
Benzo[k]fluoranthene	2.00	1.50		ug/L		75	45 - 140	5	50
Benzo[g,h,i]perylene	2.00	1.51		ug/L		75	27 - 134	9	50

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCSD 680-203787/9-A
Matrix: Water
Analysis Batch: 204015

Client Sample ID: LCSD 680-203787/9-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzo[a]pyrene	2.00	1.80		ug/L		90	45 - 151	8	50
Bis(2-chloroethoxy)methane	10.0	8.17		ug/L		82	47 - 130	10	50
Bis(2-chloroethyl)ether	10.0	7.29		ug/L		73	36 - 130	4	50
Bis(2-ethylhexyl) phthalate	10.0	6.91		ug/L		69	10 - 158	0	50
4-Bromophenyl phenyl ether	10.0	9.31		ug/L		93	44 - 130	12	50
Butyl benzyl phthalate	10.0	10.5		ug/L		105	60 - 130	9	50
Carbazole	10.0	12.2		ug/L		122	19 - 191	19	50
4-Chloroaniline	10.0	6.74		ug/L		67	17 - 130	3	50
4-Chloro-3-methylphenol	10.0	6.25		ug/L		63	54 - 130	5	50
2-Chloronaphthalene	10.0	7.54		ug/L		75	48 - 130	12	50
2-Chlorophenol	10.0	6.18		ug/L		62	45 - 130	1	50
4-Chlorophenyl phenyl ether	10.0	8.57		ug/L		86	52 - 130	12	50
Chrysene	2.00	1.61		ug/L		80	40 - 142	6	50
Dibenz(a,h)anthracene	2.00	1.46		ug/L		73	38 - 130	1	50
Dibenzofuran	10.0	7.69		ug/L		77	56 - 130	9	50
Di-n-butyl phthalate	10.0	10.1		ug/L		101	59 - 130	16	50
3,3'-Dichlorobenzidine	10.0	11.5	J	ug/L		115	10 - 158	4	50
2,4-Dichlorophenol	10.0	7.12		ug/L		71	58 - 130	13	50
Diethyl phthalate	10.0	8.66		ug/L		87	60 - 130	12	50
2,4-Dimethylphenol	10.0	5.55		ug/L		56	41 - 130	4	50
Dimethyl phthalate	10.0	8.67		ug/L		87	58 - 130	14	50
4,6-Dinitro-2-methylphenol	10.0	6.85		ug/L		69	10 - 182	2	50
2,4-Dinitrophenol	10.0	5.92	J	ug/L		59	10 - 200	6	50
2,4-Dinitrotoluene	10.0	8.22		ug/L		82	57 - 130	8	50
2,6-Dinitrotoluene	10.0	8.13		ug/L		81	53 - 130	9	50
Di-n-octyl phthalate	10.0	7.35		ug/L		74	19 - 130	1	50
N-Nitrosodiphenylamine	10.0	8.99		ug/L		90	38 - 130	15	50
1,4-Dioxane	10.0	3.36		ug/L		34	10 - 130	32	50
Fluoranthene	2.00	1.80		ug/L		90	46 - 136	16	50
Fluorene	2.00	1.68		ug/L		84	48 - 130	14	50
Hexachlorobenzene	10.0	8.54		ug/L		85	49 - 130	15	50
Hexachlorocyclopentadiene	10.0	2.56		ug/L		26	16 - 130	6	50
Hexachloroethane	10.0	5.99		ug/L		60	32 - 130	4	50
Indeno[1,2,3-cd]pyrene	2.00	1.50		ug/L		75	12 - 130	1	50
2-Methylnaphthalene	2.00	1.65		ug/L		83	51 - 130	16	50
Isophorone	10.0	7.05		ug/L		71	45 - 130	8	50
2-Methylphenol	10.0	6.43		ug/L		64	49 - 130	10	50
3 & 4 Methylphenol	10.0	5.89		ug/L		59	55 - 130	5	50
Naphthalene	2.00	1.58		ug/L		79	35 - 130	5	50
2-Nitroaniline	10.0	7.79		ug/L		78	48 - 130	8	50
3-Nitroaniline	10.0	8.23		ug/L		82	18 - 147	10	50
4-Nitroaniline	10.0	9.61		ug/L		96	31 - 147	10	50
Nitrobenzene	10.0	6.70		ug/L		67	45 - 130	2	50
2-Nitrophenol	10.0	7.57		ug/L		76	49 - 130	11	50
4-Nitrophenol	10.0	5.01		ug/L		50	36 - 132	2	50
N-Nitrosodi-n-propylamine	10.0	7.26		ug/L		73	42 - 130	3	50
Pentachlorophenol	10.0	6.68		ug/L		67	12 - 156	15	50
Phenanthrene	2.00	1.75		ug/L		88	45 - 134	16	50
Phenol	10.0	5.45		ug/L		54	44 - 130	6	50
Pyrene	2.00	1.77		ug/L		88	47 - 143	15	50

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCSD 680-203787/9-A
Matrix: Water
Analysis Batch: 204015

Client Sample ID: LCSD 680-203787/9-A
Prep Type: Total/NA
Prep Batch: 203787

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			10.0	8.67		ug/L		87	61 - 130	14	50
2,4,6-Trichlorophenol			10.0	6.88		ug/L		69	61 - 130	7	50
bis (2-chloroisopropyl) ether			10.0	7.36		ug/L		74	39 - 130	2	50

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*34 - 130*
2-Fluorophenol	*74*		*25 - 130*
Nitrobenzene-d5	*88*		*32 - 130*
Phenol-d5	*75*		*27 - 130*
Terphenyl-d14	*89*		*36 - 130*
2,4,6-Tribromophenol	*108*		*30 - 130*

Lab Sample ID: MB 680-203861/4-A
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: MB 680-203861/4-A
Prep Type: Total/NA
Prep Batch: 203861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Acenaphthylene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Acetophenone	6.8	U	33	6.8	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Anthracene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzo[a]anthracene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzo[b]fluoranthene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzo[k]fluoranthene	2.0	U	6.7	2.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzo[g,h,i]perylene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzo[a]pyrene	1.2	U	6.7	1.2	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Bis(2-chloroethoxy)methane	6.5	U	33	6.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Bis(2-chloroethyl)ether	6.5	U	33	6.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Bis(2-ethylhexyl) phthalate	17.9	J	66	6.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Bromophenyl phenyl ether	6.9	U	33	6.9	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Butyl benzyl phthalate	5.5	U	33	5.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Carbazole	6.7	U	33	6.7	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Chloroaniline	5.2	U	66	5.2	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Chloro-3-methylphenol	7.0	U	33	7.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2-Chloronaphthalene	6.0	U	33	6.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2-Chlorophenol	5.3	U	33	5.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Chlorophenyl phenyl ether	6.4	U	33	6.4	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Chrysene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Dibenz(a,h)anthracene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Dibenzofuran	6.7	U	33	6.7	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Di-n-butyl phthalate	17	U	170	17	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
3,3'-Dichlorobenzidine	17	U	66	17	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4-Dichlorophenol	7.2	U	33	7.2	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Diethyl phthalate	7.4	U	33	7.4	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4-Dimethylphenol	7.6	U	66	7.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Dimethyl phthalate	7.5	U	33	7.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4,6-Dinitro-2-methylphenol	17	U	170	17	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4-Dinitrophenol	17	U	330	17	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4-Dinitrotoluene	7.5	U	33	7.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-203861/4-A
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: MB 680-203861/4-A
Prep Type: Total/NA
Prep Batch: 203861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	7.9	U	33	7.9	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Di-n-octyl phthalate	3.6	U	33	3.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
N-Nitrosodiphenylamine	6.1	U	33	6.1	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Fluoranthene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Fluorene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Hexachlorobenzene	7.6	U	33	7.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Hexachlorobutadiene	6.8	U	33	6.8	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Hexachlorocyclopentadiene	3.7	U	66	3.7	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Hexachloroethane	5.8	U	33	5.8	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Isophorone	7.0	U	33	7.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2-Methylphenol	6.3	U	33	6.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
3 & 4 Methylphenol	7.3	U	33	7.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Naphthalene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2-Nitroaniline	7.0	U	170	7.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
3-Nitroaniline	6.7	U	170	6.7	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Nitroaniline	8.3	U	170	8.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Nitrobenzene	6.6	U	33	6.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2-Nitrophenol	5.8	U	33	5.8	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
4-Nitrophenol	73	U	170	73	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
N-Nitrosodi-n-propylamine	7.5	U	33	7.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Pentachlorophenol	17	U	170	17	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Phenanthrene	2.4	U	6.7	2.4	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Phenol	6.5	U	33	6.5	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Pyrene	3.3	U	6.7	3.3	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4,5-Trichlorophenol	7.6	U	33	7.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
2,4,6-Trichlorophenol	7.9	U	33	7.9	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Atrazine	7.6	U	33	7.6	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Benzaldehyde	9.9	U	33	9.9	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
1,1'-Biphenyl	7.2	U	33	7.2	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
Caprolactam	7.0	U	33	7.0	ug/Kg		05/24/11 15:45	05/25/11 14:43	1
bis (2-chloroisopropyl) ether	7.2	U	33	7.2	ug/Kg		05/24/11 15:45	05/25/11 14:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4300*	*T J*	*ug/Kg*		*4.07*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*88.4*	*T J*	*ug/Kg*		*4.78*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*9.81*	*T J*	*ug/Kg*		*5.55*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*11.0*	*T J*	*ug/Kg*		*6.95*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*10.0*	*T J*	*ug/Kg*		*10.02*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Tetradecane, 3-methyl-	*14.2*	*T J N*	*ug/Kg*		*10.58*	*18435-22-8*	*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*12.8*	*T J*	*ug/Kg*		*11.01*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown Organic Acid	*13.6*	*T J*	*ug/Kg*		*11.33*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*14.2*	*T J*	*ug/Kg*		*12.22*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*13.4*	*T J*	*ug/Kg*		*12.29*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*37.1*	*T J*	*ug/Kg*		*12.41*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*12.9*	*T J*	*ug/Kg*		*12.50*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*9.34*	*T J*	*ug/Kg*		*12.89*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Unknown	*10.5*	*T J*	*ug/Kg*		*13.10*		*05/24/11 15:45*	*05/25/11 14:43*	*1*
Octadecanoic acid, butyl ester	*25.7*	*T J N*	*ug/Kg*		*13.27*	*123-95-5*	*05/24/11 15:45*	*05/25/11 14:43*	*1*

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: MB 680-203861/4-A
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: MB 680-203861/4-A
Prep Type: Total/NA
Prep Batch: 203861

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Organic Acid	34.6	T J	ug/Kg		13.34		05/24/11 15:45	05/25/11 14:43	1
Unknown	34.6	T J	ug/Kg		13.71		05/24/11 15:45	05/25/11 14:43	1
Phosphine oxide, triphenyl-	71.6	T J N	ug/Kg		14.05	791-28-6	05/24/11 15:45	05/25/11 14:43	1
Unknown	16.0	T J	ug/Kg		14.10		05/24/11 15:45	05/25/11 14:43	1
Unknown	9.82	T J	ug/Kg		14.47		05/24/11 15:45	05/25/11 14:43	1
Unknown	13.2	T J	ug/Kg		14.84		05/24/11 15:45	05/25/11 14:43	1
Unknown	13.2	T J	ug/Kg		16.48		05/24/11 15:45	05/25/11 14:43	1
Unknown	14.5	T J	ug/Kg		17.02		05/24/11 15:45	05/25/11 14:43	1
Unknown	14.7	T J	ug/Kg		17.22		05/24/11 15:45	05/25/11 14:43	1
Unknown	12.2	T J	ug/Kg		18.36		05/24/11 15:45	05/25/11 14:43	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		11 - 130	05/24/11 15:45	05/25/11 14:43	1
2-Fluorophenol	77		10 - 130	05/24/11 15:45	05/25/11 14:43	1
Nitrobenzene-d5	70		18 - 130	05/24/11 15:45	05/25/11 14:43	1
Phenol-d5	80		10 - 130	05/24/11 15:45	05/25/11 14:43	1
Terphenyl-d14	87		27 - 130	05/24/11 15:45	05/25/11 14:43	1
2,4,6-Tribromophenol	90		24 - 130	05/24/11 15:45	05/25/11 14:43	1

Lab Sample ID: LCS 680-203861/5-A
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: LCS 680-203861/5-A
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	66.7	45.7		ug/Kg		69	13 - 130
Acenaphthylene	66.7	48.4		ug/Kg		73	10 - 130
Anthracene	66.7	49.8		ug/Kg		75	18 - 130
Benzo[a]anthracene	66.7	55.3		ug/Kg		83	16 - 130
Benzo[b]fluoranthene	66.7	47.6		ug/Kg		71	18 - 130
Benzo[k]fluoranthene	66.7	47.4		ug/Kg		71	22 - 130
Benzo[g,h,i]perylene	66.7	58.5		ug/Kg		88	21 - 130
Benzo[a]pyrene	66.7	56.3		ug/Kg		85	18 - 139
Bis(2-chloroethoxy)methane	333	211		ug/Kg		63	15 - 130
Bis(2-chloroethyl)ether	333	216		ug/Kg		65	11 - 130
Bis(2-ethylhexyl) phthalate	333	308		ug/Kg		93	29 - 130
4-Bromophenyl phenyl ether	333	283		ug/Kg		85	13 - 130
Butyl benzyl phthalate	333	298		ug/Kg		89	30 - 130
Carbazole	333	345		ug/Kg		104	23 - 171
4-Chloroaniline	333	169		ug/Kg		51	10 - 130
4-Chloro-3-methylphenol	333	212		ug/Kg		64	18 - 130
2-Chloronaphthalene	333	220		ug/Kg		66	14 - 130
2-Chlorophenol	333	209		ug/Kg		63	10 - 130
4-Chlorophenyl phenyl ether	333	251		ug/Kg		75	15 - 130
Chrysene	66.7	51.1		ug/Kg		77	12 - 130
Dibenz(a,h)anthracene	66.7	65.1		ug/Kg		98	17 - 130
Dibenzofuran	333	221		ug/Kg		66	20 - 130
Di-n-butyl phthalate	333	277		ug/Kg		83	10 - 130
3,3'-Dichlorobenzidine	333	331		ug/Kg		99	10 - 200
2,4-Dichlorophenol	333	225		ug/Kg		67	10 - 130

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: LCS 680-203861/5-A
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: LCS 680-203861/5-A
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diethyl phthalate	333	256		ug/Kg		77	24 - 130
2,4-Dimethylphenol	333	203		ug/Kg		61	10 - 134
Dimethyl phthalate	333	256		ug/Kg		77	20 - 130
4,6-Dinitro-2-methylphenol	333	322		ug/Kg		97	14 - 130
2,4-Dinitrophenol	333	367		ug/Kg		110	10 - 130
2,4-Dinitrotoluene	333	252		ug/Kg		76	19 - 130
2,6-Dinitrotoluene	333	258		ug/Kg		77	18 - 130
Di-n-octyl phthalate	333	332		ug/Kg		100	10 - 130
N-Nitrosodiphenylamine	333	270		ug/Kg		81	22 - 130
Fluoranthene	66.7	50.2		ug/Kg		75	14 - 130
Fluorene	66.7	45.6		ug/Kg		68	10 - 130
Hexachlorobenzene	333	226		ug/Kg		68	12 - 130
Hexachlorobutadiene	333	227		ug/Kg		68	10 - 130
Hexachlorocyclopentadiene	333	253		ug/Kg		76	10 - 130
Hexachloroethane	333	202		ug/Kg		61	10 - 130
Indeno[1,2,3-cd]pyrene	66.7	70.4		ug/Kg		106	11 - 130
Isophorone	333	197		ug/Kg		59	14 - 130
2-Methylphenol	333	200		ug/Kg		60	10 - 130
3 & 4 Methylphenol	333	215		ug/Kg		64	10 - 130
Naphthalene	66.7	43.7		ug/Kg		66	10 - 130
2-Nitroaniline	333	250		ug/Kg		75	21 - 130
3-Nitroaniline	333	231		ug/Kg		69	10 - 134
4-Nitroaniline	333	302		ug/Kg		91	14 - 143
Nitrobenzene	333	200		ug/Kg		60	11 - 130
2-Nitrophenol	333	222		ug/Kg		67	10 - 130
4-Nitrophenol	333	204		ug/Kg		61	11 - 130
N-Nitrosodi-n-propylamine	333	242		ug/Kg		73	16 - 130
Pentachlorophenol	333	298		ug/Kg		90	10 - 130
Phenanthrene	66.7	49.1		ug/Kg		74	18 - 130
Phenol	333	211		ug/Kg		63	10 - 130
Pyrene	66.7	51.2		ug/Kg		77	11 - 136
2,4,5-Trichlorophenol	333	256		ug/Kg		77	16 - 130
2,4,6-Trichlorophenol	333	250		ug/Kg		75	15 - 130
bis (2-chloroisopropyl) ether	333	210		ug/Kg		63	10 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*11 - 130*
2-Fluorophenol	*75*		*10 - 130*
Nitrobenzene-d5	*72*		*18 - 130*
Phenol-d5	*76*		*10 - 130*
Terphenyl-d14	*80*		*27 - 130*
2,4,6-Tribromophenol	*96*		*24 - 130*

Lab Sample ID: 680-68645-10 MS
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: OR--06-SD-03
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	4.2	U	85.0	57.4		ug/Kg	☼	68	13 - 130

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-68645-10 MS
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: OR--06-SD-03
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthylene	4.2	U	85.0	59.3		ug/Kg	☼	70	10 - 130
Anthracene	4.2	U	85.0	62.6		ug/Kg	☼	74	18 - 130
Benzo[a]anthracene	7.4	J	85.0	84.9		ug/Kg	☼	91	16 - 130
Benzo[b]fluoranthene	18		85.0	96.3		ug/Kg	☼	92	18 - 130
Benzo[k]fluoranthene	2.5	U	85.0	112	F	ug/Kg	☼	132	22 - 130
Benzo[g,h,i]perylene	9.3		85.0	70.0		ug/Kg	☼	71	21 - 130
Benzo[a]pyrene	8.9		85.0	97.2		ug/Kg	☼	104	18 - 139
Bis(2-chloroethoxy)methane	8.3	U	425	261		ug/Kg	☼	61	15 - 130
Bis(2-chloroethyl)ether	8.3	U	425	233		ug/Kg	☼	55	11 - 130
Bis(2-ethylhexyl) phthalate	68	J B	425	390		ug/Kg	☼	76	29 - 130
4-Bromophenyl phenyl ether	8.8	U	425	331		ug/Kg	☼	78	13 - 130
Butyl benzyl phthalate	7.0	U	425	373		ug/Kg	☼	88	30 - 130
Carbazole	8.5	U	425	389		ug/Kg	☼	92	23 - 171
4-Chloroaniline	6.6	U	425	80.4	J	ug/Kg	☼	19	10 - 130
4-Chloro-3-methylphenol	8.9	U	425	262		ug/Kg	☼	62	18 - 130
2-Chloronaphthalene	7.6	U	425	279		ug/Kg	☼	66	14 - 130
2-Chlorophenol	6.8	U	425	239		ug/Kg	☼	56	10 - 130
4-Chlorophenyl phenyl ether	8.2	U	425	302		ug/Kg	☼	71	15 - 130
Chrysene	11		85.0	93.7		ug/Kg	☼	97	12 - 130
Dibenz(a,h)anthracene	4.2	U	85.0	66.9		ug/Kg	☼	79	17 - 130
Dibenzofuran	8.5	U	425	281		ug/Kg	☼	66	20 - 130
Di-n-butyl phthalate	22	U	425	312		ug/Kg	☼	73	10 - 130
3,3'-Dichlorobenzidine	22	U	425	147		ug/Kg	☼	35	10 - 200
2,4-Dichlorophenol	9.2	U	425	269		ug/Kg	☼	63	10 - 130
Diethyl phthalate	9.4	U	425	312		ug/Kg	☼	73	24 - 130
2,4-Dimethylphenol	9.7	U	425	244		ug/Kg	☼	57	10 - 134
Dimethyl phthalate	9.6	U	425	322		ug/Kg	☼	76	20 - 130
4,6-Dinitro-2-methylphenol	22	U	425	228		ug/Kg	☼	54	14 - 130
2,4-Dinitrophenol	22	U	425	148	J	ug/Kg	☼	35	10 - 130
2,4-Dinitrotoluene	9.6	U	425	300		ug/Kg	☼	70	19 - 130
2,6-Dinitrotoluene	10	U	425	294		ug/Kg	☼	69	18 - 130
Di-n-octyl phthalate	4.6	U	425	383		ug/Kg	☼	90	10 - 130
N-Nitrosodiphenylamine	7.8	U	425	325		ug/Kg	☼	77	22 - 130
Fluoranthene	14		85.0	112		ug/Kg	☼	115	14 - 130
Fluorene	4.2	U	85.0	56.6		ug/Kg	☼	67	10 - 130
Hexachlorobenzene	9.7	U	425	295		ug/Kg	☼	69	12 - 130
Hexachlorobutadiene	8.7	U	425	295		ug/Kg	☼	70	10 - 130
Hexachlorocyclopentadiene	4.7	U	425	103		ug/Kg	☼	24	10 - 130
Hexachloroethane	7.4	U	425	208		ug/Kg	☼	49	10 - 130
Indeno[1,2,3-cd]pyrene	11		85.0	68.6		ug/Kg	☼	68	11 - 130
Isophorone	8.9	U	425	234		ug/Kg	☼	55	14 - 130
2-Methylphenol	8.0	U	425	243		ug/Kg	☼	57	10 - 130
3 & 4 Methylphenol	9.3	U	425	247		ug/Kg	☼	58	10 - 130
Naphthalene	4.2	U	85.0	52.2		ug/Kg	☼	61	10 - 130
2-Nitroaniline	8.9	U	425	293		ug/Kg	☼	69	21 - 130
3-Nitroaniline	8.5	U	425	163	J	ug/Kg	☼	38	10 - 134
4-Nitroaniline	11	U	425	267		ug/Kg	☼	63	14 - 143
Nitrobenzene	8.4	U	425	233		ug/Kg	☼	55	11 - 130
2-Nitrophenol	7.4	U	425	250		ug/Kg	☼	59	10 - 130
4-Nitrophenol	93	U	425	247		ug/Kg	☼	58	11 - 130

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-68645-10 MS
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: OR--06-SD-03
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
N-Nitrosodi-n-propylamine	9.6	U	425	269		ug/Kg	☼	63	16 - 130
Pentachlorophenol	22	U	425	397		ug/Kg	☼	93	10 - 130
Phenanthrene	6.0	J	85.0	89.0		ug/Kg	☼	98	18 - 130
Phenol	8.3	U	425	235		ug/Kg	☼	55	10 - 130
Pyrene	17		85.0	107		ug/Kg	☼	106	11 - 136
2,4,5-Trichlorophenol	9.7	U	425	303		ug/Kg	☼	71	16 - 130
2,4,6-Trichlorophenol	10	U	425	301		ug/Kg	☼	71	15 - 130
bis (2-chloroisopropyl) ether	9.2	U	425	240		ug/Kg	☼	56	10 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*11 - 130*
2-Fluorophenol	*65*		*10 - 130*
Nitrobenzene-d5	*68*		*18 - 130*
Phenol-d5	*69*		*10 - 130*
Terphenyl-d14	*73*		*27 - 130*
2,4,6-Tribromophenol	*100*		*24 - 130*

Lab Sample ID: 680-68645-10 MSD
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: OR--06-SD-03
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	4.2	U	85.0	64.1		ug/Kg	☼	75	13 - 130	11	50
Acenaphthylene	4.2	U	85.0	66.8		ug/Kg	☼	79	10 - 130	12	50
Anthracene	4.2	U	85.0	70.6		ug/Kg	☼	83	18 - 130	12	50
Benzo[a]anthracene	7.4	J	85.0	105		ug/Kg	☼	115	16 - 130	21	50
Benzo[b]fluoranthene	18		85.0	107		ug/Kg	☼	104	18 - 130	10	50
Benzo[k]fluoranthene	2.5	U	85.0	94.8		ug/Kg	☼	111	22 - 130	17	50
Benzo[g,h,i]perylene	9.3		85.0	87.3		ug/Kg	☼	92	21 - 130	22	50
Benzo[a]pyrene	8.9		85.0	106		ug/Kg	☼	115	18 - 139	9	50
Bis(2-chloroethoxy)methane	8.3	U	425	300		ug/Kg	☼	71	15 - 130	14	50
Bis(2-chloroethyl)ether	8.3	U	425	268		ug/Kg	☼	63	11 - 130	14	50
Bis(2-ethylhexyl) phthalate	68	J B	425	441		ug/Kg	☼	88	29 - 130	12	50
4-Bromophenyl phenyl ether	8.8	U	425	377		ug/Kg	☼	89	13 - 130	13	50
Butyl benzyl phthalate	7.0	U	425	444		ug/Kg	☼	104	30 - 130	17	50
Carbazole	8.5	U	425	443		ug/Kg	☼	104	23 - 171	13	50
4-Chloroaniline	6.6	U	425	109		ug/Kg	☼	26	10 - 130	30	50
4-Chloro-3-methylphenol	8.9	U	425	304		ug/Kg	☼	71	18 - 130	15	50
2-Chloronaphthalene	7.6	U	425	306		ug/Kg	☼	72	14 - 130	9	50
2-Chlorophenol	6.8	U	425	275		ug/Kg	☼	65	10 - 130	14	50
4-Chlorophenyl phenyl ether	8.2	U	425	339		ug/Kg	☼	80	15 - 130	12	50
Chrysene	11		85.0	112		ug/Kg	☼	119	12 - 130	18	50
Dibenz(a,h)anthracene	4.2	U	85.0	82.5		ug/Kg	☼	97	17 - 130	21	50
Dibenzofuran	8.5	U	425	313		ug/Kg	☼	74	20 - 130	11	50
Di-n-butyl phthalate	22	U	425	346		ug/Kg	☼	81	10 - 130	10	50
3,3'-Dichlorobenzidine	22	U	425	127		ug/Kg	☼	30	10 - 200	14	50
2,4-Dichlorophenol	9.2	U	425	308		ug/Kg	☼	72	10 - 130	14	50
Diethyl phthalate	9.4	U	425	357		ug/Kg	☼	84	24 - 130	13	50
2,4-Dimethylphenol	9.7	U	425	298		ug/Kg	☼	70	10 - 134	20	50

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels (Continued)

Lab Sample ID: 680-68645-10 MSD
Matrix: Solid
Analysis Batch: 204030

Client Sample ID: OR--06-SD-03
Prep Type: Total/NA
Prep Batch: 203861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dimethyl phthalate	9.6	U	425	365		ug/Kg	☼	86	20 - 130	12	50
4,6-Dinitro-2-methylphenol	22	U	425	281		ug/Kg	☼	66	14 - 130	21	50
2,4-Dinitrophenol	22	U	425	252	J F	ug/Kg	☼	59	10 - 130	52	50
2,4-Dinitrotoluene	9.6	U	425	334		ug/Kg	☼	79	19 - 130	11	50
2,6-Dinitrotoluene	10	U	425	333		ug/Kg	☼	78	18 - 130	12	50
Di-n-octyl phthalate	4.6	U	425	413		ug/Kg	☼	97	10 - 130	7	50
N-Nitrosodiphenylamine	7.8	U	425	367		ug/Kg	☼	86	22 - 130	12	50
Fluoranthene	14		85.0	137	F	ug/Kg	☼	144	14 - 130	20	50
Fluorene	4.2	U	85.0	66.5		ug/Kg	☼	78	10 - 130	16	50
Hexachlorobenzene	9.7	U	425	320		ug/Kg	☼	75	12 - 130	8	50
Hexachlorobutadiene	8.7	U	425	331		ug/Kg	☼	78	10 - 130	11	50
Hexachlorocyclopentadiene	4.7	U	425	101		ug/Kg	☼	24	10 - 130	2	50
Hexachloroethane	7.4	U	425	217		ug/Kg	☼	51	10 - 130	4	50
Indeno[1,2,3-cd]pyrene	11		85.0	75.2		ug/Kg	☼	76	11 - 130	9	50
Isophorone	8.9	U	425	262		ug/Kg	☼	62	14 - 130	11	50
2-Methylphenol	8.0	U	425	270		ug/Kg	☼	64	10 - 130	10	50
3 & 4 Methylphenol	9.3	U	425	284		ug/Kg	☼	67	10 - 130	14	50
Naphthalene	4.2	U	85.0	60.1		ug/Kg	☼	71	10 - 130	14	50
2-Nitroaniline	8.9	U	425	345		ug/Kg	☼	81	21 - 130	17	50
3-Nitroaniline	8.5	U	425	203	J	ug/Kg	☼	48	10 - 134	22	50
4-Nitroaniline	11	U	425	303		ug/Kg	☼	71	14 - 143	13	50
Nitrobenzene	8.4	U	425	269		ug/Kg	☼	63	11 - 130	14	50
2-Nitrophenol	7.4	U	425	292		ug/Kg	☼	69	10 - 130	15	50
4-Nitrophenol	93	U	425	297		ug/Kg	☼	70	11 - 130	18	50
N-Nitrosodi-n-propylamine	9.6	U	425	305		ug/Kg	☼	72	16 - 130	12	50
Pentachlorophenol	22	U	425	525		ug/Kg	☼	123	10 - 130	28	50
Phenanthrene	6.0	J	85.0	110		ug/Kg	☼	122	18 - 130	21	50
Phenol	8.3	U	425	275		ug/Kg	☼	65	10 - 130	16	50
Pyrene	17		85.0	137	F	ug/Kg	☼	142	11 - 136	25	50
2,4,5-Trichlorophenol	9.7	U	425	357		ug/Kg	☼	84	16 - 130	16	50
2,4,6-Trichlorophenol	10	U	425	350		ug/Kg	☼	82	15 - 130	15	50
bis (2-chloroisopropyl) ether	9.2	U	425	272		ug/Kg	☼	64	10 - 130	13	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*11 - 130*
2-Fluorophenol	*74*		*10 - 130*
Nitrobenzene-d5	*74*		*18 - 130*
Phenol-d5	*76*		*10 - 130*
Terphenyl-d14	*85*		*27 - 130*
2,4,6-Tribromophenol	*109*		*24 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-203743/9-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: MB 680-203743/9-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		05/23/11 16:41	05/25/11 09:33	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: MB 680-203743/9-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: MB 680-203743/9-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		05/23/11 16:41	05/25/11 09:33	1
4,4'-DDT	0.0470	J	0.10	0.0097	ug/L		05/23/11 16:41	05/25/11 09:33	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		05/23/11 16:41	05/25/11 09:33	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		05/23/11 16:41	05/25/11 09:33	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		05/23/11 16:41	05/25/11 09:33	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		05/23/11 16:41	05/25/11 09:33	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endrin	0.0097	U	0.10	0.0097	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		05/23/11 16:41	05/25/11 09:33	1
Endrin ketone	0.0084	U	0.10	0.0084	ug/L		05/23/11 16:41	05/25/11 09:33	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		05/23/11 16:41	05/25/11 09:33	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		05/23/11 16:41	05/25/11 09:33	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		05/23/11 16:41	05/25/11 09:33	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		05/23/11 16:41	05/25/11 09:33	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1016	0.071	U	1.0	0.071	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1221	0.28	U	2.0	0.28	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1232	0.11	U	1.0	0.11	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1242	0.18	U	1.0	0.18	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1248	0.36	U	1.0	0.36	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1254	0.26	U	1.0	0.26	ug/L		05/23/11 16:41	05/25/11 09:33	1
PCB-1260	0.20	U	1.0	0.20	ug/L		05/23/11 16:41	05/25/11 09:33	1
Toxaphene	0.50	U	5.0	0.50	ug/L		05/23/11 16:41	05/25/11 09:33	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*36 - 130*	*05/23/11 16:41*	*05/25/11 09:33*	*1*
DCB Decachlorobiphenyl	*86*		*40 - 130*	*05/23/11 16:41*	*05/25/11 09:33*	*1*

Lab Sample ID: LCS 680-203743/10-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: LCS 680-203743/10-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.200	0.177		ug/L		88	49 - 144
4,4'-DDE	0.200	0.167		ug/L		83	46 - 144
4,4'-DDT	0.200	0.237		ug/L		119	48 - 166
Aldrin	0.100	0.0812		ug/L		81	14 - 168
alpha-BHC	0.100	0.0879		ug/L		88	43 - 138
beta-BHC	0.100	0.0888		ug/L		89	38 - 158
delta-BHC	0.100	0.0899		ug/L		90	23 - 191
Dieldrin	0.200	0.155		ug/L		77	61 - 136
Endosulfan I	0.100	0.0773		ug/L		77	52 - 141
Endosulfan II	0.200	0.179		ug/L		90	60 - 140
Endosulfan sulfate	0.200	0.181		ug/L		91	60 - 151
Endrin	0.200	0.149		ug/L		75	66 - 150
Endrin aldehyde	0.200	0.198		ug/L		99	16 - 200

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-203743/10-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: LCS 680-203743/10-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Endrin ketone	0.200	0.179		ug/L		89	55 - 156
gamma-BHC (Lindane)	0.100	0.0864		ug/L		86	54 - 134
Heptachlor	0.100	0.105		ug/L		105	10 - 200
Heptachlor epoxide	0.100	0.0759		ug/L		76	49 - 142
Methoxychlor	0.200	0.165		ug/L		82	13 - 186

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*36 - 130*
DCB Decachlorobiphenyl	*81*		*40 - 130*

Lab Sample ID: LCS 680-203743/13-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: LCS 680-203743/13-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	10.7		ug/L		107	38 - 172
PCB-1260	10.0	9.62		ug/L		96	46 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*36 - 130*
DCB Decachlorobiphenyl	*85*		*40 - 130*

Lab Sample ID: LCS 680-203743/16-A
Matrix: Water
Analysis Batch: 204073

Client Sample ID: LCS 680-203743/16-A
Prep Type: Total/NA
Prep Batch: 203743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chlordane (technical)	5.00	7.04		ug/L		141	56 - 144

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*84*		*36 - 130*
DCB Decachlorobiphenyl	*97*		*40 - 130*

Lab Sample ID: MB 680-203858/11-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: MB 680-203858/11-A
Prep Type: Total/NA
Prep Batch: 203858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.24	U	3.3	0.24	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
4,4'-DDE	0.19	U	3.3	0.19	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
4,4'-DDT	3.29	J	3.3	0.23	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Aldrin	0.44	U	1.7	0.44	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
alpha-BHC	0.11	U	1.7	0.11	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
beta-BHC	0.11	U	1.7	0.11	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
delta-BHC	0.13	U	1.7	0.13	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Dieldrin	0.28	U	3.3	0.28	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Endosulfan I	0.15	U	1.7	0.15	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Endosulfan II	0.23	U	3.3	0.23	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Endosulfan sulfate	0.24	U	3.3	0.24	ug/Kg		05/24/11 15:45	05/25/11 13:56	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: MB 680-203858/11-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: MB 680-203858/11-A
Prep Type: Total/NA
Prep Batch: 203858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.72	U	3.3	0.72	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Endrin aldehyde	0.30	U	3.3	0.30	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Endrin ketone	0.27	U	3.3	0.27	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
gamma-BHC (Lindane)	0.11	U	1.7	0.11	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Heptachlor	0.082	U	1.7	0.082	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Chlordane (technical)	2.9	U	17	2.9	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Heptachlor epoxide	0.14	U	1.7	0.14	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Methoxychlor	0.35	U	3.3	0.35	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1016	2.9	U	33	2.9	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1221	4.7	U	66	4.7	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1232	3.3	U	33	3.3	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1242	2.8	U	33	2.8	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1248	7.1	U	33	7.1	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1254	2.3	U	33	2.3	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
PCB-1260	6.6	U	33	6.6	ug/Kg		05/24/11 15:45	05/25/11 13:56	1
Toxaphene	59	U	170	59	ug/Kg		05/24/11 15:45	05/25/11 13:56	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*60 - 139*	*05/24/11 15:45*	*05/25/11 13:56*	*1*
Tetrachloro-m-xylene	*100*		*60 - 139*	*05/24/11 15:45*	*05/25/11 13:56*	*1*
DCB Decachlorobiphenyl	*88*		*70 - 130*	*05/24/11 15:45*	*05/25/11 13:56*	*1*
DCB Decachlorobiphenyl	*76*		*70 - 130*	*05/24/11 15:45*	*05/25/11 13:56*	*1*

Lab Sample ID: LCS 680-203858/12-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: LCS 680-203858/12-A
Prep Type: Total/NA
Prep Batch: 203858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	6.65	6.76		ug/Kg		102	54 - 134
4,4'-DDE	6.65	7.14		ug/Kg		107	40 - 133
4,4'-DDT	6.65	10.1		ug/Kg		152	69 - 157
Aldrin	3.33	2.79		ug/Kg		84	47 - 130
alpha-BHC	3.33	2.87		ug/Kg		86	42 - 130
beta-BHC	3.33	3.51		ug/Kg		106	39 - 140
delta-BHC	3.33	3.14		ug/Kg		94	36 - 156
Dieldrin	6.65	5.85		ug/Kg		88	59 - 130
Endosulfan I	3.33	3.13		ug/Kg		94	51 - 130
Endosulfan II	6.65	5.83		ug/Kg		88	46 - 130
Endosulfan sulfate	6.65	5.92		ug/Kg		89	57 - 130
Endrin	6.65	6.17		ug/Kg		93	62 - 136
Endrin aldehyde	6.65	4.83		ug/Kg		73	43 - 135
Endrin ketone	6.65	5.26		ug/Kg		79	59 - 139
gamma-BHC (Lindane)	3.33	2.96		ug/Kg		89	44 - 130
Heptachlor	3.33	3.13		ug/Kg		94	48 - 146
Heptachlor epoxide	3.33	3.23		ug/Kg		97	51 - 130
Methoxychlor	6.65	6.51		ug/Kg		98	23 - 179

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*60 - 139*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-203858/12-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: LCS 680-203858/12-A
Prep Type: Total/NA
Prep Batch: 203858

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*90*		*60 - 139*
DCB Decachlorobiphenyl	*72*		*70 - 130*
DCB Decachlorobiphenyl	*70*		*70 - 130*

Lab Sample ID: LCS 680-203858/15-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: LCS 680-203858/15-A
Prep Type: Total/NA
Prep Batch: 203858

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
PCB-1016			328	345		ug/Kg		105	64 - 130		
PCB-1260			328	256		ug/Kg		78	69 - 130		

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*79*		*60 - 139*
Tetrachloro-m-xylene	*75*		*60 - 139*
DCB Decachlorobiphenyl	*76*		*70 - 130*
DCB Decachlorobiphenyl	*61*	*X*	*70 - 130*

Lab Sample ID: LCS 680-203858/18-A
Matrix: Solid
Analysis Batch: 204305

Client Sample ID: LCS 680-203858/18-A
Prep Type: Total/NA
Prep Batch: 203858

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Chlordane (technical)			166	161		ug/Kg		97	70 - 130		

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*78*		*60 - 139*
Tetrachloro-m-xylene	*83*		*60 - 139*
DCB Decachlorobiphenyl	*91*		*70 - 130*
DCB Decachlorobiphenyl	*84*		*70 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-203757/8-A
Matrix: Solid
Analysis Batch: 204105

Client Sample ID: MB 680-203757/8-A
Prep Type: Total/NA
Prep Batch: 203757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	5.0	U	8.3	5.0	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
2,4-DB	3.0	U	8.3	3.0	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
2,4,5-T	2.3	U	8.3	2.3	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
Silvex (2,4,5-TP)	1.6	U	8.3	1.6	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
Dalapon	2.9	U	330	2.9	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
Dicamba	1.9	U	8.3	1.9	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
Dichlorprop	1.1	U	8.3	1.1	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
MCPA	190	U	2000	190	ug/Kg		05/23/11 12:58	05/25/11 14:02	1
Mecoprop	170	U	2000	170	ug/Kg		05/23/11 12:58	05/25/11 14:02	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 680-203757/8-A
Matrix: Solid
Analysis Batch: 204105

Client Sample ID: MB 680-203757/8-A
Prep Type: Total/NA
Prep Batch: 203757

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	59		35 - 137	05/23/11 12:58	05/25/11 14:02	1
DCAA	59		35 - 137	05/23/11 12:58	05/25/11 14:02	1

Lab Sample ID: LCS 680-203757/9-A
Matrix: Solid
Analysis Batch: 204105

Client Sample ID: LCS 680-203757/9-A
Prep Type: Total/NA
Prep Batch: 203757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	66.4	55.4		ug/Kg		83	47 - 130
2,4-DB	66.4	32.1		ug/Kg		48	10 - 130
2,4,5-T	66.4	31.5		ug/Kg		47	32 - 130
Silvex (2,4,5-TP)	66.4	20.9		ug/Kg		31	24 - 130
Dalapon	332	166	J	ug/Kg		50	34 - 130
Dicamba	66.4	55.6		ug/Kg		84	45 - 130
Dichlorprop	66.4	30.2		ug/Kg		46	39 - 130
MCPA	6640	3660		ug/Kg		55	36 - 130
Mecoprop	6640	1590	J *	ug/Kg		24	29 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCAA	72		35 - 137
DCAA	73		35 - 137

Lab Sample ID: MB 680-203829/8-A
Matrix: Water
Analysis Batch: 204105

Client Sample ID: MB 680-203829/8-A
Prep Type: Total/NA
Prep Batch: 203829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.50	0.037	ug/L		05/24/11 08:34	05/25/11 11:54	1
2,4-DB	0.15	U	0.50	0.15	ug/L		05/24/11 08:34	05/25/11 11:54	1
2,4,5-T	0.062	U	0.50	0.062	ug/L		05/24/11 08:34	05/25/11 11:54	1
Silvex (2,4,5-TP)	0.062	U	0.50	0.062	ug/L		05/24/11 08:34	05/25/11 11:54	1
Dalapon	0.10	U	10	0.10	ug/L		05/24/11 08:34	05/25/11 11:54	1
Dicamba	0.085	U	0.50	0.085	ug/L		05/24/11 08:34	05/25/11 11:54	1
Dichlorprop	0.15	U	0.50	0.15	ug/L		05/24/11 08:34	05/25/11 11:54	1
Dinoseb	0.16	U	6.0	0.16	ug/L		05/24/11 08:34	05/25/11 11:54	1
MCPA	17	U	120	17	ug/L		05/24/11 08:34	05/25/11 11:54	1
Mecoprop	19	U	120	19	ug/L		05/24/11 08:34	05/25/11 11:54	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	93		52 - 151	05/24/11 08:34	05/25/11 11:54	1
DCAA	69		52 - 151	05/24/11 08:34	05/25/11 11:54	1

Lab Sample ID: LCS 680-203829/9-A
Matrix: Water
Analysis Batch: 204105

Client Sample ID: LCS 680-203829/9-A
Prep Type: Total/NA
Prep Batch: 203829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	1.92		ug/L		96	63 - 130
2,4-DB	2.00	2.17		ug/L		108	34 - 157

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-203829/9-A
Matrix: Water
Analysis Batch: 204105

Client Sample ID: LCS 680-203829/9-A
Prep Type: Total/NA
Prep Batch: 203829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4,5-T	2.00	1.94		ug/L		97	59 - 130
Silvex (2,4,5-TP)	2.00	1.68		ug/L		84	64 - 130
Dalapon	10.0	7.99	J	ug/L		80	24 - 130
Dicamba	2.00	1.78		ug/L		89	66 - 130
Dichlorprop	2.00	2.02		ug/L		101	65 - 152
Dinoseb	2.00	1.52	J	ug/L		76	10 - 130
MCPA	200	170		ug/L		85	40 - 130
Mecoprop	200	173		ug/L		86	53 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCAA	*74*		*52 - 151*
DCAA	*78*		*52 - 151*

Method: 8315A - Carbonyl Compounds (HPLC)

Lab Sample ID: MB 640-81209/1-A
Matrix: Water
Analysis Batch: 81228

Client Sample ID: MB 640-81209/1-A
Prep Type: Total/NA
Prep Batch: 81209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U	50	5.0	ug/L		05/24/11 10:04	05/24/11 13:03	1

Lab Sample ID: LCS 640-81209/7-A
Matrix: Water
Analysis Batch: 81228

Client Sample ID: LCS 640-81209/7-A
Prep Type: Total/NA
Prep Batch: 81209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde	150	148		ug/L		99	70 - 125

Lab Sample ID: LCSD 640-81209/8-A
Matrix: Water
Analysis Batch: 81228

Client Sample ID: LCSD 640-81209/8-A
Prep Type: Total/NA
Prep Batch: 81209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde	150	144		ug/L		96	70 - 125	3	20

Lab Sample ID: MB 640-81225/1-A
Matrix: Solid
Analysis Batch: 81258

Client Sample ID: MB 640-81225/1-A
Prep Type: Total/NA
Prep Batch: 81225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	78	U	100	78	ug/Kg		05/25/11 07:30	05/25/11 11:03	1

Lab Sample ID: LCS 640-81225/2-A
Matrix: Solid
Analysis Batch: 81258

Client Sample ID: LCS 640-81225/2-A
Prep Type: Total/NA
Prep Batch: 81225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde	750	610		ug/Kg		81	71 - 122

Method: 8315A - Carbonyl Compounds (HPLC) (Continued)

Lab Sample ID: LCSD 640-81225/3-A — **Client Sample ID: LCSD 640-81225/3-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81258 — **Prep Batch: 81225**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde			750	590		ug/Kg		79	71 - 122	3	30

Lab Sample ID: 680-68645-4 MS — **Client Sample ID: OR-04-SD-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81258 — **Prep Batch: 81225**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde	310		1160	1380		ug/Kg	☼	93	31 - 131

Lab Sample ID: 680-68645-4 MSD — **Client Sample ID: OR-04-SD-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81258 — **Prep Batch: 81225**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde	310		1150	1470		ug/Kg	☼	101	31 - 131	6	30

Lab Sample ID: MB 640-81268/1-A — **Client Sample ID: MB 640-81268/1-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81335 — **Prep Batch: 81268**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	78	U	100	78	ug/Kg		05/25/11 17:00	05/26/11 23:20	1

Lab Sample ID: LCS 640-81268/2-A — **Client Sample ID: LCS 640-81268/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81335 — **Prep Batch: 81268**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde			750	686		ug/Kg		92	71 - 122

Lab Sample ID: LCSD 640-81268/3-A — **Client Sample ID: LCSD 640-81268/3-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81335 — **Prep Batch: 81268**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde			750	683		ug/Kg		91	71 - 122	1	30

Lab Sample ID: 680-68645-6 MS — **Client Sample ID: OR-05-SD-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81335 — **Prep Batch: 81268**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde	87	U	837	670		ug/Kg	☼	80	31 - 131

Lab Sample ID: 680-68645-6 MSD — **Client Sample ID: OR-05-SD-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81335 — **Prep Batch: 81268**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde	87	U	829	686		ug/Kg	☼	83	31 - 131	2	30

Method: 8315A - Carbonyl Compounds (HPLC) (Continued)

Lab Sample ID: MB 640-81303/1-A
Matrix: Water
Analysis Batch: 81335

Client Sample ID: MB 640-81303/1-A
Prep Type: Total/NA
Prep Batch: 81303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	5.0	U	50	5.0	ug/L		05/26/11 10:44	05/26/11 18:12	1

Lab Sample ID: LCS 640-81303/2-A
Matrix: Water
Analysis Batch: 81335

Client Sample ID: LCS 640-81303/2-A
Prep Type: Total/NA
Prep Batch: 81303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Formaldehyde	150	131		ug/L		87	70 - 125

Lab Sample ID: LCSD 640-81303/3-A
Matrix: Water
Analysis Batch: 81335

Client Sample ID: LCSD 640-81303/3-A
Prep Type: Total/NA
Prep Batch: 81303

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Formaldehyde	150	130		ug/L		87	70 - 125	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-203823/6-A
Matrix: Solid
Analysis Batch: 203996

Client Sample ID: MB 680-203823/6-A
Prep Type: Total/NA
Prep Batch: 203823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.10	U	0.20	0.10	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Aluminum	6.3	U	20	6.3	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Arsenic	0.20	U	0.50	0.20	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Barium	0.25	U	1.0	0.25	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Beryllium	0.050	U	0.10	0.050	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Cadmium	0.024	U	0.10	0.024	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Cobalt	0.030	U	0.10	0.030	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Copper	0.40	U	1.0	0.40	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Potassium	30	U	50	30	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Sodium	32	U	50	32	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Nickel	0.50	U	1.0	0.50	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Lead	0.20	U	0.40	0.20	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Antimony	1.0	U	2.0	1.0	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Selenium	0.50	U	1.0	0.50	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Thallium	0.050	U	0.20	0.050	mg/Kg		05/24/11 08:08	05/25/11 07:27	1
Vanadium	0.55	U	1.0	0.55	mg/Kg		05/24/11 08:08	05/25/11 07:27	1

Lab Sample ID: MB 680-203823/6-A
Matrix: Solid
Analysis Batch: 204068

Client Sample ID: MB 680-203823/6-A
Prep Type: Total/NA
Prep Batch: 203823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	50	U	100	50	mg/Kg		05/24/11 08:08	05/25/11 14:58	1
Chromium	0.50	U	1.0	0.50	mg/Kg		05/24/11 08:08	05/25/11 14:58	1
Iron	20	U	50	20	mg/Kg		05/24/11 08:08	05/25/11 14:58	1
Magnesium	6.0	U	50	6.0	mg/Kg		05/24/11 08:08	05/25/11 14:58	1
Manganese	1.0	U	2.0	1.0	mg/Kg		05/24/11 08:08	05/25/11 14:58	1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-203823/6-A
Matrix: Solid
Analysis Batch: 204068

Client Sample ID: MB 680-203823/6-A
Prep Type: Total/NA
Prep Batch: 203823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	1.1	U	4.0	1.1	mg/Kg		05/24/11 08:08	05/25/11 14:58	1

Lab Sample ID: LCS 680-203823/7-A
Matrix: Solid
Analysis Batch: 203996

Client Sample ID: LCS 680-203823/7-A
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Silver	5.00	4.63		mg/Kg		93	75 - 125
Aluminum	500	625		mg/Kg		125	75 - 125
Arsenic	10.0	11.1		mg/Kg		111	75 - 125
Barium	10.0	10.7		mg/Kg		107	75 - 125
Beryllium	5.00	5.27		mg/Kg		105	75 - 125
Cadmium	5.00	5.28		mg/Kg		106	75 - 125
Cobalt	5.00	5.11		mg/Kg		102	75 - 125
Copper	10.0	11.6		mg/Kg		116	75 - 125
Potassium	500	592		mg/Kg		118	75 - 125
Sodium	500	620		mg/Kg		124	75 - 125
Nickel	10.0	11.2		mg/Kg		112	75 - 125
Lead	5.00	5.34		mg/Kg		107	75 - 125
Antimony	5.00	5.71		mg/Kg		114	75 - 125
Selenium	10.0	11.3		mg/Kg		113	75 - 125
Thallium	4.00	4.26		mg/Kg		106	75 - 125
Vanadium	10.0	11.4		mg/Kg		114	75 - 125

Lab Sample ID: LCS 680-203823/7-A
Matrix: Solid
Analysis Batch: 204068

Client Sample ID: LCS 680-203823/7-A
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Calcium	500	550		mg/Kg		110	75 - 125
Chromium	10.0	10.6		mg/Kg		106	75 - 125
Iron	500	548		mg/Kg		110	75 - 125
Magnesium	500	553		mg/Kg		111	75 - 125
Manganese	50.0	53.1		mg/Kg		106	75 - 125
Zinc	10.0	11.8		mg/Kg		118	75 - 125

Lab Sample ID: 680-68645-4 MS
Matrix: Solid
Analysis Batch: 203996

Client Sample ID: OR-04-SD-01
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Silver	0.15	U	7.40	7.52		mg/Kg	☼	102	75 - 125
Aluminum	610		740	1780	F	mg/Kg	☼	158	75 - 125
Arsenic	0.30	U	14.8	18.1		mg/Kg	☼	123	75 - 125
Barium	4.2		14.8	38.3	F	mg/Kg	☼	231	75 - 125
Beryllium	0.074	U	7.40	8.71		mg/Kg	☼	118	75 - 125
Cadmium	0.037	J	7.40	8.85		mg/Kg	☼	119	75 - 125
Cobalt	0.80		7.40	9.19		mg/Kg	☼	113	75 - 125
Copper	0.59	U	14.8	19.3	F	mg/Kg	☼	130	75 - 125
Potassium	44	U	740	977	F	mg/Kg	☼	132	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-68645-4 MS
Matrix: Solid
Analysis Batch: 203996

Client Sample ID: OR-04-SD-01
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sodium	83		740	1060	F	mg/Kg	☼	132	75 - 125
Nickel	0.74	U	14.8	18.7	F	mg/Kg	☼	126	75 - 125
Lead	0.68		7.40	9.72		mg/Kg	☼	122	75 - 125
Antimony	1.5	U	7.40	9.33	F	mg/Kg	☼	126	75 - 125
Selenium	0.74	U	14.8	18.3		mg/Kg	☼	123	75 - 125
Thallium	0.074	U	5.92	6.92		mg/Kg	☼	117	75 - 125
Vanadium	0.98	J	14.8	19.0		mg/Kg	☼	122	75 - 125

Lab Sample ID: 680-68645-4 MS
Matrix: Solid
Analysis Batch: 204068

Client Sample ID: OR-04-SD-01
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Calcium	80	J	740	923		mg/Kg	☼	114	75 - 125
Chromium	0.96	J	14.8	17.2		mg/Kg	☼	109	75 - 125
Iron	420		740	1210		mg/Kg	☼	107	75 - 125
Magnesium	24	J	740	822		mg/Kg	☼	108	75 - 125
Manganese	19		74.0	94.8		mg/Kg	☼	103	75 - 125
Zinc	6.3		14.8	22.4		mg/Kg	☼	109	75 - 125

Lab Sample ID: 680-68645-4 MSD
Matrix: Solid
Analysis Batch: 203996

Client Sample ID: OR-04-SD-01
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Silver	0.15	U	7.40	6.06	F	mg/Kg	☼	82	75 - 125	22	20
Aluminum	610		740	1510		mg/Kg	☼	122	75 - 125	16	20
Arsenic	0.30	U	14.8	15.2		mg/Kg	☼	103	75 - 125	18	20
Barium	4.2		14.8	18.3	F	mg/Kg	☼	95	75 - 125	71	20
Beryllium	0.074	U	7.40	6.78	F	mg/Kg	☼	92	75 - 125	25	20
Cadmium	0.037	J	7.40	6.99	F	mg/Kg	☼	94	75 - 125	24	20
Cobalt	0.80		7.40	7.32	F	mg/Kg	☼	88	75 - 125	23	20
Copper	0.59	U	14.8	15.9		mg/Kg	☼	107	75 - 125	19	20
Potassium	44	U	740	823		mg/Kg	☼	111	75 - 125	17	20
Sodium	83		740	915		mg/Kg	☼	112	75 - 125	14	20
Nickel	0.74	U	14.8	15.1	F	mg/Kg	☼	102	75 - 125	21	20
Lead	0.68		7.40	7.61	F	mg/Kg	☼	94	75 - 125	24	20
Antimony	1.5	U	7.40	7.50	F	mg/Kg	☼	101	75 - 125	22	20
Selenium	0.74	U	14.8	15.3		mg/Kg	☼	104	75 - 125	18	20
Thallium	0.074	U	5.92	5.57	F	mg/Kg	☼	94	75 - 125	22	20
Vanadium	0.98	J	14.8	15.7		mg/Kg	☼	99	75 - 125	19	20

Lab Sample ID: 680-68645-4 MSD
Matrix: Solid
Analysis Batch: 204068

Client Sample ID: OR-04-SD-01
Prep Type: Total/NA
Prep Batch: 203823

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Calcium	80	J	740	946		mg/Kg	☼	117	75 - 125	2	20
Chromium	0.96	J	14.8	17.2		mg/Kg	☼	110	75 - 125	1	20
Iron	420		740	1240		mg/Kg	☼	111	75 - 125	2	20

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-68645-4 MSD — **Client Sample ID: OR-04-SD-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204068 — **Prep Batch: 203823**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Magnesium	24	J	740	836		mg/Kg	☼	110	75 - 125	2	20
Manganese	19		74.0	101		mg/Kg	☼	111	75 - 125	6	20
Zinc	6.3		14.8	22.9		mg/Kg	☼	112	75 - 125	2	20

Lab Sample ID: MB 680-203855/1-A — **Client Sample ID: MB 680-203855/1-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204068 — **Prep Batch: 203855**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.18	U	1.0	0.18	ug/L		05/24/11 10:09	05/25/11 13:58	1
Aluminum	50	U	100	50	ug/L		05/24/11 10:09	05/25/11 13:58	1
Arsenic	1.3	U	2.5	1.3	ug/L		05/24/11 10:09	05/25/11 13:58	1
Barium	1.4	U	5.0	1.4	ug/L		05/24/11 10:09	05/25/11 13:58	1
Beryllium	0.15	U	0.50	0.15	ug/L		05/24/11 10:09	05/25/11 13:58	1
Calcium	170	U	500	170	ug/L		05/24/11 10:09	05/25/11 13:58	1
Cadmium	0.13	U	0.50	0.13	ug/L		05/24/11 10:09	05/25/11 13:58	1
Cobalt	0.12	U	0.50	0.12	ug/L		05/24/11 10:09	05/25/11 13:58	1
Chromium	2.5	U	5.0	2.5	ug/L		05/24/11 10:09	05/25/11 13:58	1
Copper	1.1	U	5.0	1.1	ug/L		05/24/11 10:09	05/25/11 13:58	1
Iron	44	U	100	44	ug/L		05/24/11 10:09	05/25/11 13:58	1
Potassium	330	U	1000	330	ug/L		05/24/11 10:09	05/25/11 13:58	1
Magnesium	100	U	250	100	ug/L		05/24/11 10:09	05/25/11 13:58	1
Manganese	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 13:58	1
Sodium	170	U	500	170	ug/L		05/24/11 10:09	05/25/11 13:58	1
Nickel	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 13:58	1
Lead	0.50	U	1.5	0.50	ug/L		05/24/11 10:09	05/25/11 13:58	1
Antimony	2.0	U	5.0	2.0	ug/L		05/24/11 10:09	05/25/11 13:58	1
Selenium	1.1	U	2.5	1.1	ug/L		05/24/11 10:09	05/25/11 13:58	1
Thallium	0.25	U	1.0	0.25	ug/L		05/24/11 10:09	05/25/11 13:58	1
Vanadium	3.2	U	10	3.2	ug/L		05/24/11 10:09	05/25/11 13:58	1
Zinc	8.4	U	20	8.4	ug/L		05/24/11 10:09	05/25/11 13:58	1

Lab Sample ID: LCS 680-203855/2-A — **Client Sample ID: LCS 680-203855/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204068 — **Prep Batch: 203855**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Silver	50.0	44.1		ug/L		88	75 - 125
Aluminum	5000	4860		ug/L		97	75 - 125
Arsenic	100	95.8		ug/L		96	75 - 125
Barium	100	101		ug/L		101	75 - 125
Beryllium	50.0	47.2		ug/L		94	75 - 125
Calcium	5000	5420		ug/L		108	75 - 125
Cadmium	50.0	48.0		ug/L		96	75 - 125
Cobalt	50.0	47.8		ug/L		96	75 - 125
Chromium	100	95.2		ug/L		95	75 - 125
Copper	100	95.9		ug/L		96	75 - 125
Iron	5000	4810		ug/L		96	75 - 125
Potassium	5000	4990		ug/L		100	75 - 125
Magnesium	5000	4880		ug/L		98	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-203855/2-A — **Client Sample ID: LCS 680-203855/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204068 — **Prep Batch: 203855**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Manganese	500	477		ug/L		95	75 - 125
Sodium	5000	4780		ug/L		96	75 - 125
Nickel	100	98.0		ug/L		98	75 - 125
Lead	50.0	49.9		ug/L		100	75 - 125
Antimony	50.0	53.9		ug/L		108	75 - 125
Selenium	100	90.1		ug/L		90	75 - 125
Thallium	40.0	39.7		ug/L		99	75 - 125
Vanadium	100	94.5		ug/L		95	75 - 125
Zinc	100	99.9		ug/L		100	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-203952/1-A — **Client Sample ID: MB 680-203952/1-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204009 — **Prep Batch: 203952**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		05/25/11 07:59	05/25/11 13:31	1

Lab Sample ID: LCS 680-203952/2-A — **Client Sample ID: LCS 680-203952/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204009 — **Prep Batch: 203952**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	2.50	2.60		ug/L		104	80 - 120

Lab Sample ID: 680-68645-1 MS — **Client Sample ID: OR-01-BG-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204009 — **Prep Batch: 203952**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.091	U	1.00	1.19		ug/L		119	80 - 120

Lab Sample ID: 680-68645-1 MSD — **Client Sample ID: OR-01-BG-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204009 — **Prep Batch: 203952**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.091	U	1.00	1.07		ug/L		107	80 - 120	10	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 680-203872/1-A — **Client Sample ID: MB 680-203872/1-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204009 — **Prep Batch: 203872**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0082	U	0.020	0.0082	mg/Kg		05/24/11 11:17	05/24/11 17:18	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-203872/2-A
Matrix: Solid
Analysis Batch: 204009

Client Sample ID: LCS 680-203872/2-A
Prep Type: Total/NA
Prep Batch: 203872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.250	0.270		mg/Kg		108	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-203899/2
Matrix: Water
Analysis Batch: 203899

Client Sample ID: MB 680-203899/2
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	5.0	1.0	mg/L			05/24/11 09:22	5
Sulfate	2.6	U	5.0	2.6	mg/L			05/24/11 09:22	5

Lab Sample ID: LCS 680-203899/3
Matrix: Water
Analysis Batch: 203899

Client Sample ID: LCS 680-203899/3
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	50.0	50.6		mg/L		101	90 - 110
Sulfate	50.0	50.9		mg/L		102	90 - 110

Lab Sample ID: LCSD 680-203899/4
Matrix: Water
Analysis Batch: 203899

Client Sample ID: LCSD 680-203899/4
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	50.0	50.8		mg/L		102	90 - 110	0	30
Sulfate	50.0	50.9		mg/L		102	90 - 110	0	30

Lab Sample ID: 680-68645-11 MS
Matrix: Water
Analysis Batch: 203899

Client Sample ID: OR-06-SW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	6.3		50.0	57.4		mg/L		102	90 - 110
Sulfate	11		50.0	63.0		mg/L		103	90 - 110

Lab Sample ID: 680-68645-11 MSD
Matrix: Water
Analysis Batch: 203899

Client Sample ID: OR-06-SW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	6.3		50.0	57.5		mg/L		102	90 - 110	0	30
Sulfate	11		50.0	63.2		mg/L		103	90 - 110	0	30

Lab Sample ID: MB 680-203819/1-A
Matrix: Solid
Analysis Batch: 203900

Client Sample ID: MB 680-203819/1-A
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20	U	100	20	mg/Kg			05/24/11 11:35	5
Sulfate	20	U	100	20	mg/Kg			05/24/11 11:35	5

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-203819/2-A
Matrix: Solid
Analysis Batch: 203900

Client Sample ID: LCS 680-203819/2-A
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	998	967		mg/Kg		97	75 - 125
Sulfate	998	955		mg/Kg		96	75 - 125

Lab Sample ID: LCSD 680-203819/3-A
Matrix: Solid
Analysis Batch: 203900

Client Sample ID: LCSD 680-203819/3-A
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	998	949		mg/Kg		95	75 - 125	2	30
Sulfate	998	935		mg/Kg		94	75 - 125	2	30

Lab Sample ID: 680-68645-6 MS
Matrix: Solid
Analysis Batch: 203900

Client Sample ID: OR-05-SD-02
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	22	U	895	848		mg/Kg	☼	95	75 - 125
Sulfate	22	U	895	882		mg/Kg	☼	99	75 - 125

Lab Sample ID: 680-68645-6 MSD
Matrix: Solid
Analysis Batch: 203900

Client Sample ID: OR-05-SD-02
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloride	22	U	893	917		mg/Kg	☼	103	75 - 125	8	30
Sulfate	22	U	893	957		mg/Kg	☼	107	75 - 125	8	30

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-203860/1-A
Matrix: Solid
Analysis Batch: 203919

Client Sample ID: MB 680-203860/1-A
Prep Type: Total/NA
Prep Batch: 203860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.13	U	0.30	0.13	mg/Kg		05/24/11 10:17	05/24/11 15:21	1

Lab Sample ID: LCS 680-203860/2-A
Matrix: Solid
Analysis Batch: 203919

Client Sample ID: LCS 680-203860/2-A
Prep Type: Total/NA
Prep Batch: 203860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ammonia	5.00	5.04		mg/Kg		101	75 - 125

Lab Sample ID: MB 680-204053/1
Matrix: Water
Analysis Batch: 204053

Client Sample ID: MB 680-204053/1
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.026	U	0.050	0.026	mg/L			05/25/11 10:11	1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-204053/2
Matrix: Water
Analysis Batch: 204053

Client Sample ID: LCS 680-204053/2
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ammonia	1.00	0.981		mg/L		98	90 - 110

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 680-204042/1-A
Matrix: Water
Analysis Batch: 204155

Client Sample ID: MB 680-204042/1-A
Prep Type: Total/NA
Prep Batch: 204042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	0.15	U	0.20	0.15	mg/L		05/25/11 12:30	05/26/11 09:55	1

Lab Sample ID: LCS 680-204042/2-A
Matrix: Water
Analysis Batch: 204155

Client Sample ID: LCS 680-204042/2-A
Prep Type: Total/NA
Prep Batch: 204042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrogen, Kjeldahl	1.00	0.856		mg/L		86	75 - 125

Lab Sample ID: 680-68645-1 MS
Matrix: Water
Analysis Batch: 204155

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA
Prep Batch: 204042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrogen, Kjeldahl	0.34		1.00	1.21		mg/L		87	75 - 125

Lab Sample ID: 680-68645-1 MSD
Matrix: Water
Analysis Batch: 204155

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA
Prep Batch: 204042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	0.34		1.00	1.25		mg/L		92	75 - 125	4	40

Lab Sample ID: MB 680-204107/1-A
Matrix: Solid
Analysis Batch: 204155

Client Sample ID: MB 680-204107/1-A
Prep Type: Total/NA
Prep Batch: 204107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	30	U	50	30	mg/Kg		05/25/11 13:30	05/26/11 10:42	1

Lab Sample ID: LCS 680-204107/2-A
Matrix: Solid
Analysis Batch: 204155

Client Sample ID: LCS 680-204107/2-A
Prep Type: Total/NA
Prep Batch: 204107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrogen, Kjeldahl	200	186		mg/Kg		93	75 - 125

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 680-68645-6 MS
Matrix: Solid
Analysis Batch: 204155

Client Sample ID: OR-05-SD-02
Prep Type: Total/NA
Prep Batch: 204107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrogen, Kjeldahl	40	J	202	214		mg/Kg	☼	87	75 - 125

Lab Sample ID: 680-68645-6 MSD
Matrix: Solid
Analysis Batch: 204155

Client Sample ID: OR-05-SD-02
Prep Type: Total/NA
Prep Batch: 204107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	40	J	198	206		mg/Kg	☼	84	75 - 125	4	40

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-203807/14
Matrix: Water
Analysis Batch: 203807

Client Sample ID: MB 680-203807/14
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.010	U	0.050	0.010	mg/L			05/23/11 16:53	1

Lab Sample ID: LCS 680-203807/15
Matrix: Water
Analysis Batch: 203807

Client Sample ID: LCS 680-203807/15
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate Nitrite as N	1.00	1.00		mg/L		100	90 - 110

Lab Sample ID: 680-68645-1 MS
Matrix: Water
Analysis Batch: 203807

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate Nitrite as N	0.26		1.00	1.27		mg/L		101	90 - 110

Lab Sample ID: 680-68645-1 MSD
Matrix: Water
Analysis Batch: 203807

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.26		1.00	1.27		mg/L		101	90 - 110	0	10

Lab Sample ID: MB 680-203819/1-A
Matrix: Solid
Analysis Batch: 203928

Client Sample ID: MB 680-203819/1-A
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.55	U	2.0	0.55	mg/Kg			05/24/11 16:26	1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 680-203819/4-A
Matrix: Solid
Analysis Batch: 203928

Client Sample ID: LCS 680-203819/4-A
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate Nitrite as N	20.0	20.0		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 680-203819/5-A
Matrix: Solid
Analysis Batch: 203928

Client Sample ID: LCSD 680-203819/5-A
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	20.0	19.9		mg/Kg		99	80 - 120	1	20

Lab Sample ID: 680-68645-4 MS
Matrix: Solid
Analysis Batch: 203928

Client Sample ID: OR-04-SD-01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate Nitrite as N	1.2	J	30.7	31.4		mg/Kg	☼	98	80 - 120

Lab Sample ID: 680-68645-4 MSD
Matrix: Solid
Analysis Batch: 203928

Client Sample ID: OR-04-SD-01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	1.2	J	30.5	31.3		mg/Kg	☼	99	80 - 120	0	20

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-204043/1-A
Matrix: Water
Analysis Batch: 204177

Client Sample ID: MB 680-204043/1-A
Prep Type: Total/NA
Prep Batch: 204043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	0.024	U	0.10	0.024	mg/L		05/25/11 12:30	05/26/11 12:48	1

Lab Sample ID: LCS 680-204043/2-A
Matrix: Water
Analysis Batch: 204177

Client Sample ID: LCS 680-204043/2-A
Prep Type: Total/NA
Prep Batch: 204043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phosphorus	1.00	0.995		mg/L		99	60 - 140

Lab Sample ID: 680-68645-1 MS
Matrix: Water
Analysis Batch: 204177

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA
Prep Batch: 204043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Phosphorus	0.058	J	1.00	0.984		mg/L		93	60 - 140

Method: 365.4 - Phosphorus, Total (Continued)

Lab Sample ID: 680-68645-1 MSD — **Client Sample ID: OR-01-BG-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 204177 — **Prep Batch: 204043**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phosphorus	0.058	J	1.00	0.967		mg/L		91	60 - 140	2	40

Lab Sample ID: MB 680-204108/1-A — **Client Sample ID: MB 680-204108/1-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204177 — **Prep Batch: 204108**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	11	U	20	11	mg/Kg		05/25/11 13:30	05/26/11 13:10	1

Lab Sample ID: LCS 680-204108/2-A — **Client Sample ID: LCS 680-204108/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204177 — **Prep Batch: 204108**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phosphorus	200	188		mg/Kg		94	60 - 140

Lab Sample ID: 680-68645-6 MS — **Client Sample ID: OR-05-SD-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204177 — **Prep Batch: 204108**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Phosphorus	30		202	200		mg/Kg	☼	84	60 - 140

Lab Sample ID: 680-68645-6 MSD — **Client Sample ID: OR-05-SD-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204177 — **Prep Batch: 204108**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phosphorus	30		198	202		mg/Kg	☼	87	60 - 140	1	40

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-204038/1-A — **Client Sample ID: MB 680-204038/1-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204039 — **Prep Batch: 204038**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	60	U	60	60	mg/Kg		05/25/11 11:00	05/25/11 13:44	1

Lab Sample ID: LCS 680-204038/2-A — **Client Sample ID: LCS 680-204038/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204039 — **Prep Batch: 204038**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	1860	1290		mg/Kg		69	50 - 150

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 680-68645-4 MS — **Client Sample ID: OR-04-SD-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204039 — **Prep Batch: 204038**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	93	U	3480	2100		mg/Kg	☼	60	50 - 150

Lab Sample ID: 680-68645-4 MSD — **Client Sample ID: OR-04-SD-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 204039 — **Prep Batch: 204038**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfide	93	U	3480	2060		mg/Kg	☼	59	50 - 150	2	50

Method: 9045C - pH

Lab Sample ID: LCS 680-203812/1 — **Client Sample ID: LCS 680-203812/1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 203812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
pH	7.00	7.000		SU		100	63 - 158

Lab Sample ID: 680-68645-10 DU — **Client Sample ID: OR--06-SD-03**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 203812

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.51		6.530		SU		0.3	40

Method: SM 4500 Cl B - Chlorine, Total Residual

Lab Sample ID: MB 680-203905/1 — **Client Sample ID: MB 680-203905/1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203905

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.0	U	1.0	1.0	mg/L			05/24/11 14:50	1

Lab Sample ID: LCS 680-203905/2 — **Client Sample ID: LCS 680-203905/2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chlorine, Total Residual	2.00	1.80		mg/L		90	80 - 120

Lab Sample ID: LCSD 680-203905/9 — **Client Sample ID: LCSD 680-203905/9**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203905

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorine, Total Residual	2.00	2.01		mg/L		101	80 - 120	11	20

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 680-203799/4
Matrix: Water
Analysis Batch: 203799

Client Sample ID: LCS 680-203799/4
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
pH			7.00	6.910		SU		99	63 - 158		

Lab Sample ID: 680-68645-11 DU
Matrix: Water
Analysis Batch: 203799

Client Sample ID: OR-06-SW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.68	HF		7.680		SU				0	40

Method: SM 4500 O C - Oxygen, Dissolved

Lab Sample ID: 680-68645-11 DU
Matrix: Water
Analysis Batch: 203790

Client Sample ID: OR-06-SW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Oxygen, Dissolved	7.2			7.00		mg/L				3	

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 680-203888/1
Matrix: Water
Analysis Batch: 203888

Client Sample ID: MB 680-203888/1
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	1.0	mg/L			05/24/11 13:16	1

Method: SM 4500 SO3 B - Sulfite

Lab Sample ID: MB 680-203882/1
Matrix: Water
Analysis Batch: 203882

Client Sample ID: MB 680-203882/1
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfite	5.0	U	5.0	5.0	mg/L			05/24/11 12:17	1

Lab Sample ID: LCS 680-203882/2
Matrix: Water
Analysis Batch: 203882

Client Sample ID: LCS 680-203882/2
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Sulfite			127	118		mg/L		93	70 - 130		

Lab Sample ID: 680-68645-11 MS
Matrix: Water
Analysis Batch: 203882

Client Sample ID: OR-06-SW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Sulfite	5.0	U HF	127	164		mg/L		129	70 - 130		

Method: SM 4500 SO3 B - Sulfite (Continued)

Lab Sample ID: 680-68645-11 MSD — **Client Sample ID: OR-06-SW-05**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfite	5.0	U HF	127	155		mg/L		122	70 - 130	6	30

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 680-203800/1 USB — **Client Sample ID: USB 680-203800/1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203800

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			05/23/11 17:23	1

Lab Sample ID: LCS 680-203800/2 — **Client Sample ID: LCS 680-203800/2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Biochemical Oxygen Demand	198	178		mg/L		90	85 - 115

Lab Sample ID: LCSD 680-203800/3 — **Client Sample ID: LCSD 680-203800/3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Biochemical Oxygen Demand	198	174		mg/L		88	85 - 115	2	30

Method: SM 5220D - COD

Lab Sample ID: MB 680-203821/3 — **Client Sample ID: MB 680-203821/3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	6.3	U	20	6.3	mg/L			05/24/11 07:58	1

Lab Sample ID: LCS 680-203821/4 — **Client Sample ID: LCS 680-203821/4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chemical Oxygen Demand	100	101		mg/L		101	90 - 110

Lab Sample ID: 680-68645-1 MS — **Client Sample ID: OR-01-BG-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 203821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chemical Oxygen Demand	12	J	100	115		mg/L		103	90 - 110

Method: SM 5220D - COD (Continued)

Lab Sample ID: 680-68645-1 MSD
Matrix: Water
Analysis Batch: 203821

Client Sample ID: OR-01-BG-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	12	J	100	115		mg/L		103	90 - 110	0	30

Lab Chronicle

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-01-BG-01

Lab Sample ID: 680-68645-1

Date Collected: 05/22/11 09:20

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 01:37	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204015	05/24/11 21:00	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 13:27	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 12:26	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81303	05/26/11 10:44	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 22:21	RD	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV
Total/NA	Analysis	7470A		1	204009	05/25/11 13:38	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:02	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 16:49	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		1	203807	05/23/11 16:56	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV
Total/NA	Analysis	300.0		5	203899	05/24/11 10:06	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 09:55	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 12:48	JR	TAL SAV

Client Sample ID: OR-02-SW-01

Lab Sample ID: 680-68645-2

Date Collected: 05/22/11 10:40

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 02:00	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204015	05/24/11 21:27	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 13:46	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 12:42	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81303	05/26/11 10:44	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 22:33	RD	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV

Lab Chronicle

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-02-SW-01

Lab Sample ID: 680-68645-2

Date Collected: 05/22/11 10:40

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	204009	05/25/11 13:48	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:06	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 16:53	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		1	203807	05/23/11 16:59	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV
Total/NA	Analysis	300.0		5	203899	05/24/11 10:20	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 09:55	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 12:48	JR	TAL SAV

Client Sample ID: OR-03-SW-02

Lab Sample ID: 680-68645-3

Date Collected: 05/22/11 11:45

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 02:23	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204015	05/24/11 21:55	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 14:06	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 12:58	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81303	05/26/11 10:44	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 22:45	RD	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV
Total/NA	Analysis	7470A		1	204009	05/25/11 13:51	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:09	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 16:56	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		1	203807	05/23/11 17:00	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV

Lab Chronicle

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-03-SW-02

Lab Sample ID: 680-68645-3

Date Collected: 05/22/11 11:45

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV
Total/NA	Analysis	300.0		5	203899	05/24/11 10:35	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 09:55	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 13:30	JR	TAL SAV

Client Sample ID: OR-04-SD-01

Lab Sample ID: 680-68645-4

Date Collected: 05/22/11 16:05

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 64.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			203813	05/23/11 18:27	SC	TAL SAV
Total/NA	Analysis	8260B		1	203878	05/24/11 11:01	ES	TAL SAV
Total/NA	Prep	3546			203861	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 15:38	ND	TAL SAV
Total/NA	Prep	8151A			203757	05/24/11 07:04	CEH	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 14:34	JK	TAL SAV
Total/NA	Prep	3546			203858	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8081A_8082		1	204305	05/25/11 15:51	ALM	TAL SAV
Total/NA	Prep	8315_S_Prep			81225	05/25/11 07:30	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81258	05/25/11 11:38	DNS	TAL TAL
Total/NA	Prep	3050B			203823	05/24/11 08:08	HM	TAL SAV
Total/NA	Analysis	6020		1	203996	05/25/11 07:41	BR	TAL SAV
Total/NA	Prep	7471A			203872	05/24/11 11:17	HM	TAL SAV
Total/NA	Analysis	7471A		1	204009	05/24/11 17:24	CE	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 15:06	BB	TAL SAV
Total/NA	Analysis	9045C		1	203812	05/23/11 18:27	TR	TAL SAV
Total/NA	Analysis	Moisture		1	203822	05/24/11 08:05	ETB	TAL SAV
Soluble	Leach	DI Leach			203819	05/24/11 07:30	CB	TAL SAV
Soluble	Analysis	300.0		5	203900	05/24/11 12:18	CB	TAL SAV
Total/NA	Prep	3-154			203860	05/24/11 10:17	JR	TAL SAV
Total/NA	Analysis	350.1		1	203919	05/24/11 14:01	JR	TAL SAV
Soluble	Analysis	353.2		1	203928	05/24/11 16:29	JR	TAL SAV
Total/NA	Prep	9030B			204038	05/25/11 11:00	CN	TAL SAV
Total/NA	Analysis	9034		1	204039	05/25/11 13:44	CN	TAL SAV
Total/NA	Prep	351.2			204107	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 10:28	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204108	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 13:17	JR	TAL SAV

Client Sample ID: OR-04-SW-03

Lab Sample ID: 680-68645-5

Date Collected: 05/22/11 16:20

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 02:46	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 13:20	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 14:25	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 13:14	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81209	05/24/11 10:04	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81228	05/24/11 13:39	DNS	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV
Total/NA	Analysis	7470A		1	204009	05/25/11 13:54	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:13	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 16:59	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		5	203807	05/23/11 17:29	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV
Total/NA	Analysis	300.0		5	203899	05/24/11 10:49	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		2	204155	05/26/11 10:50	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		2	204177	05/26/11 13:23	JR	TAL SAV

Client Sample ID: OR-05-SD-02

Lab Sample ID: 680-68645-6

Date Collected: 05/22/11 18:25

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			203813	05/23/11 18:27	SC	TAL SAV
Total/NA	Analysis	8260B		1	203878	05/24/11 11:23	ES	TAL SAV
Total/NA	Prep	3546			203861	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 16:05	ND	TAL SAV
Total/NA	Prep	8151A			203757	05/24/11 07:04	CEH	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 14:51	JK	TAL SAV
Total/NA	Prep	3546			203858	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8081A_8082		1	204305	05/25/11 16:14	ALM	TAL SAV
Total/NA	Prep	8315_S_Prep			81268	05/25/11 17:00	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 23:56	RD	TAL TAL

Client Sample ID: OR-05-SD-02

Lab Sample ID: 680-68645-6

Date Collected: 05/22/11 18:25

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			203823	05/24/11 08:08	HM	TAL SAV
Total/NA	Analysis	6020		1	203996	05/25/11 08:16	BR	TAL SAV
Total/NA	Prep	7471A			203872	05/24/11 11:17	HM	TAL SAV
Total/NA	Analysis	7471A		1	204009	05/24/11 17:27	CE	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 15:30	BB	TAL SAV
Total/NA	Analysis	9045C		1	203812	05/23/11 18:27	TR	TAL SAV
Total/NA	Analysis	Moisture		1	203822	05/24/11 08:05	ETB	TAL SAV
Soluble	Leach	DI Leach			203819	05/24/11 07:30	CB	TAL SAV
Soluble	Analysis	300.0		5	203900	05/24/11 12:32	CB	TAL SAV
Total/NA	Prep	3-154			203860	05/24/11 10:17	JR	TAL SAV
Total/NA	Analysis	350.1		1	203919	05/24/11 14:01	JR	TAL SAV
Soluble	Analysis	353.2		1	203928	05/24/11 16:33	JR	TAL SAV
Total/NA	Prep	9030B			204038	05/25/11 11:00	CN	TAL SAV
Total/NA	Analysis	9034		1	204039	05/25/11 13:44	CN	TAL SAV
Total/NA	Prep	351.2			204107	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 10:28	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204108	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 13:10	JR	TAL SAV

Client Sample ID: OR-05-SW-04

Lab Sample ID: 680-68645-7

Date Collected: 05/22/11 18:40

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 03:09	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 13:48	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 14:45	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 13:30	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81303	05/26/11 10:44	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 22:57	RD	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV
Total/NA	Analysis	7470A		1	204009	05/25/11 13:57	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:17	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 17:02	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		1	203807	05/23/11 17:03	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV

Client Sample ID: OR-05-SW-04

Lab Sample ID: 680-68645-7

Date Collected: 05/22/11 18:40

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	203899	05/24/11 11:04	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 10:25	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 12:48	JR	TAL SAV

Client Sample ID: OR-TB-SW-01

Lab Sample ID: 680-68645-8

Date Collected: 05/23/11 08:35

Matrix: Water

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203802	05/23/11 18:48	RB	TAL SAV

Client Sample ID: OR-TB-SD-01

Lab Sample ID: 680-68645-9

Date Collected: 05/23/11 08:35

Matrix: Solid

Date Received: 05/23/11 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			203813	05/23/11 18:27	SC	TAL SAV
Total/NA	Analysis	8260B		1	203878	05/24/11 11:46	ES	TAL SAV

Client Sample ID: OR--06-SD-03

Lab Sample ID: 680-68645-10

Date Collected: 05/23/11 09:15

Matrix: Solid

Date Received: 05/23/11 14:45

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			203813	05/23/11 18:27	SC	TAL SAV
Total/NA	Analysis	8260B		1	203878	05/24/11 12:08	ES	TAL SAV
Total/NA	Prep	3546			203861	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 17:00	ND	TAL SAV
Total/NA	Prep	8151A			203757	05/24/11 07:04	CEH	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 15:07	JK	TAL SAV
Total/NA	Prep	3546			203858	05/24/11 15:45	JW	TAL SAV
Total/NA	Analysis	8081A_8082		1	204305	05/25/11 16:39	ALM	TAL SAV
Total/NA	Prep	8315_S_Prep			81268	05/25/11 17:00	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/27/11 00:31	RD	TAL TAL
Total/NA	Prep	3050B			203823	05/24/11 08:08	HM	TAL SAV
Total/NA	Analysis	6020		1	203996	05/25/11 08:23	BR	TAL SAV
Total/NA	Prep	7471A			203872	05/24/11 11:17	HM	TAL SAV
Total/NA	Analysis	7471A		1	204009	05/24/11 17:31	CE	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 15:34	BB	TAL SAV

Client Sample ID: OR--06-SD-03
Date Collected: 05/23/11 09:15
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	9045C		1	203812	05/23/11 18:27	TR	TAL SAV
Total/NA	Analysis	Moisture		1	203822	05/24/11 08:05	ETB	TAL SAV
Soluble	Leach	DI Leach			203819	05/24/11 07:30	CB	TAL SAV
Soluble	Analysis	300.0		5	203900	05/24/11 13:16	CB	TAL SAV
Total/NA	Prep	3-154			203860	05/24/11 10:17	JR	TAL SAV
Total/NA	Analysis	350.1		1	203919	05/24/11 14:01	JR	TAL SAV
Soluble	Analysis	353.2		1	203928	05/24/11 16:34	JR	TAL SAV
Total/NA	Prep	9030B			204038	05/25/11 11:00	CN	TAL SAV
Total/NA	Analysis	9034		1	204039	05/25/11 13:44	CN	TAL SAV
Total/NA	Prep	351.2			204107	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204155	05/26/11 10:42	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204108	05/25/11 13:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 13:17	JR	TAL SAV

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203845	05/24/11 03:32	RB	TAL SAV
Total/NA	Prep	3520C			203787	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8270C LL		1	204030	05/25/11 14:15	ND	TAL SAV
Total/NA	Prep	3520C			203743	05/23/11 16:41	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	204073	05/25/11 15:05	CAS	TAL SAV
Total/NA	Prep	8151A			203829	05/24/11 08:34	CTR	TAL SAV
Total/NA	Analysis	8151A		1	204105	05/25/11 13:46	JK	TAL SAV
Total/NA	Prep	8315_W_Prep			81303	05/26/11 10:44	DNS	TAL TAL
Total/NA	Analysis	8315A		1	81335	05/26/11 23:09	RD	TAL TAL
Total/NA	Prep	7470A			203952	05/25/11 07:59	JV	TAL SAV
Total/NA	Analysis	7470A		1	204009	05/25/11 14:01	CE	TAL SAV
Total/NA	Prep	3010A			203855	05/24/11 10:09	RA	TAL SAV
Total/NA	Analysis	6020		1	204068	05/25/11 14:21	BB	TAL SAV
Total/NA	Analysis	SM 4500 O C		1	203790	05/23/11 16:47	MSJ	TAL SAV
Total/NA	Analysis	SM 4500 H+ B		1	203799	05/23/11 17:06	MSJ	TAL SAV
Total/NA	Analysis	SM 5210B		1	203800	05/23/11 17:23	MSJ	TAL SAV
Total/NA	Analysis	353.2		1	203807	05/23/11 17:04	JR	TAL SAV
Total/NA	Analysis	SM 5220D		1	203821	05/24/11 07:58	DAM	TAL SAV
Total/NA	Analysis	SM 4500 SO3 B		1	203882	05/24/11 12:17	JAL	TAL SAV
Total/NA	Analysis	SM 4500 S2 F		1	203888	05/24/11 13:16	CN	TAL SAV
Total/NA	Analysis	300.0		5	203899	05/24/11 11:18	CB	TAL SAV
Total/NA	Analysis	SM 4500 Cl B		1	203905	05/24/11 14:50	JAL	TAL SAV
Total/NA	Analysis	350.1		1	204053	05/25/11 10:11	JR	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	204060	05/25/11 15:29	JR	TAL SAV

Lab Chronicle

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Client Sample ID: OR-06-SW-05
Date Collected: 05/23/11 09:35
Date Received: 05/23/11 14:45

Lab Sample ID: 680-68645-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	351.2			204042	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	351.2		1	204168	05/26/11 12:29	JR	TAL SAV
Total/NA	Prep	365.2/365.3/365			204043	05/25/11 12:30	DAM	TAL SAV
Total/NA	Analysis	365.4		1	204177	05/26/11 12:48	JR	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 4 TAT

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES DIVISION
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613

NOTE: CALL DIDI FUNG BEFORE PROCEEDING WITH ANALYSES - TO DISCUSS ADDING ADDITIONAL PARAMETERS

PROJ. NO.:

PROJECT NAME: OGEECHEE RIVER FISH KILL

SAMPLERS (Signature): Didi Fung

Circle/add Parameters Desired. ( ) - Indicates Separate Containers

Water/Wastewater | Soil/Sed/Sldg | Waste | Misc (J3 5/23/11)

Printed parameter columns: (Gal G (ext org, Pest) (EP) (herb); 40 ml vial (VOA); 250 ml G (TOX); P (Bod, TSS, Cl, Fl, SO4, etc); ILG (pheno) (O&G) (pest); ILP (met, hard) (Toc, COD, N, P, etc); 0.5-ILP (S=); ½ gal or ILP (CN); 8 oz G (ext org, pest, herb) (met) (EP); 4 oz G (VOA); P or G (CN, S=, N, P, COD, etc); 8 oz G (ext org, pest, herb, VOA); 8 oz G (EP) (met, CN, S=, FP) (FP, BTU)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEMP. WHEN COLLECTING SAMPLE (RIVER TEMP.)	TCL VOCs + TICs	TCL SVOCs + TICs	TCL PESTICIDES	TCL PCBs	TCL HERBICIDES	TAL METALS	COD/NO2/NO3/TKN/PHOS	BOD	DO	pH	NH4+, SO4 2-, HSO4-, Cl-	Cl2	HYDROGEN PEROXIDE	HYPOCHLORITE
STA Ø1	5/22/11	Ø92Ø		X	OR-Ø1-BG-Ø1	15	26.36°C ~~27.62°C~~ (J3 5/23/11)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø2	5/22/11	1Ø4Ø		X	OR-Ø2-SW-Ø1	~~14~~ 13 (5/23/11)	27.62°C ~~27.41°C~~ (J3 5/23/11)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø3	5/22/11	1145		X	OR-Ø3-SW-Ø2	13	27.41°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø4	5/22/11	16Ø5		X	OR-Ø4-SD-Ø1	8	30.37°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø4	5/22/11	162Ø		X	OR-Ø4-SW-Ø3	13	30.37°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø5	5/22/11	1825		X	OR-Ø5-SD-Ø2	7	30.32°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø5	5/22/11	184Ø		X	OR-Ø5-SW-~~Ø5~~ Ø4 (J3 5/22/11)	13	30.32°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
~~(blank)~~	~~5/23/11~~	~~0835~~			~~O~~ (DDF 5/23/11)																
STA TB	5/23/11	0835		X	OR-TB-SW-Ø1	3	NA	X													
STA TB	5/23/11	0835		X	OR-TB-SD-Ø1	3	NA	X													
STA Ø6	5/23/11	Ø915		X	OR-Ø6-SD-Ø3	8	28.95°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STA Ø6	5/23/11	Ø935		X	OR-Ø6-SW-Ø5	13	28.95°C	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Remarks
Didi Fung	5/23/11	[signature]		5/23/11 1445	Buthia Daughtry	Tetra Tech 680-68645 TAT: ASAP. Send preliminary results to: jessica.vickers@tetratech.com, didi.fung@tetratech.com. Temp 5.8°C/3.6°C 2.2°C/4.4°C
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature)**	**Relinquished by: (Signature)**	**Date/Time**	**Received by: (Signature)**	

DISTRIBUTION: Original and Pink copies accompany sample shipment to laboratory, Pink copy retained by laboratory; Yellow copy retained by samplers, Blue copy extra copy as needed.

T4- 6343 4.8°C

Certification Summary

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah		USDA		SAV 3-04
TestAmerica Savannah	A2LA	DoD ELAP	0	0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025	0	399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q
TestAmerica Tallahassee		USDA		P330-08-00158
TestAmerica Tallahassee	Florida	NELAC	4	E81005
TestAmerica Tallahassee	Louisiana	NELAC	6	30663
TestAmerica Tallahassee	New Jersey	NELAC	2	FL012

Certification Summary

Client: Tetra Tech EM Inc.
Project/Site: Ogeechee River Fish Kill

TestAmerica Job ID: 680-68645-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Tallahassee	Oklahoma	State Program	6	9976
TestAmerica Tallahassee	Texas	NELAC	6	T104704459-11-2

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.