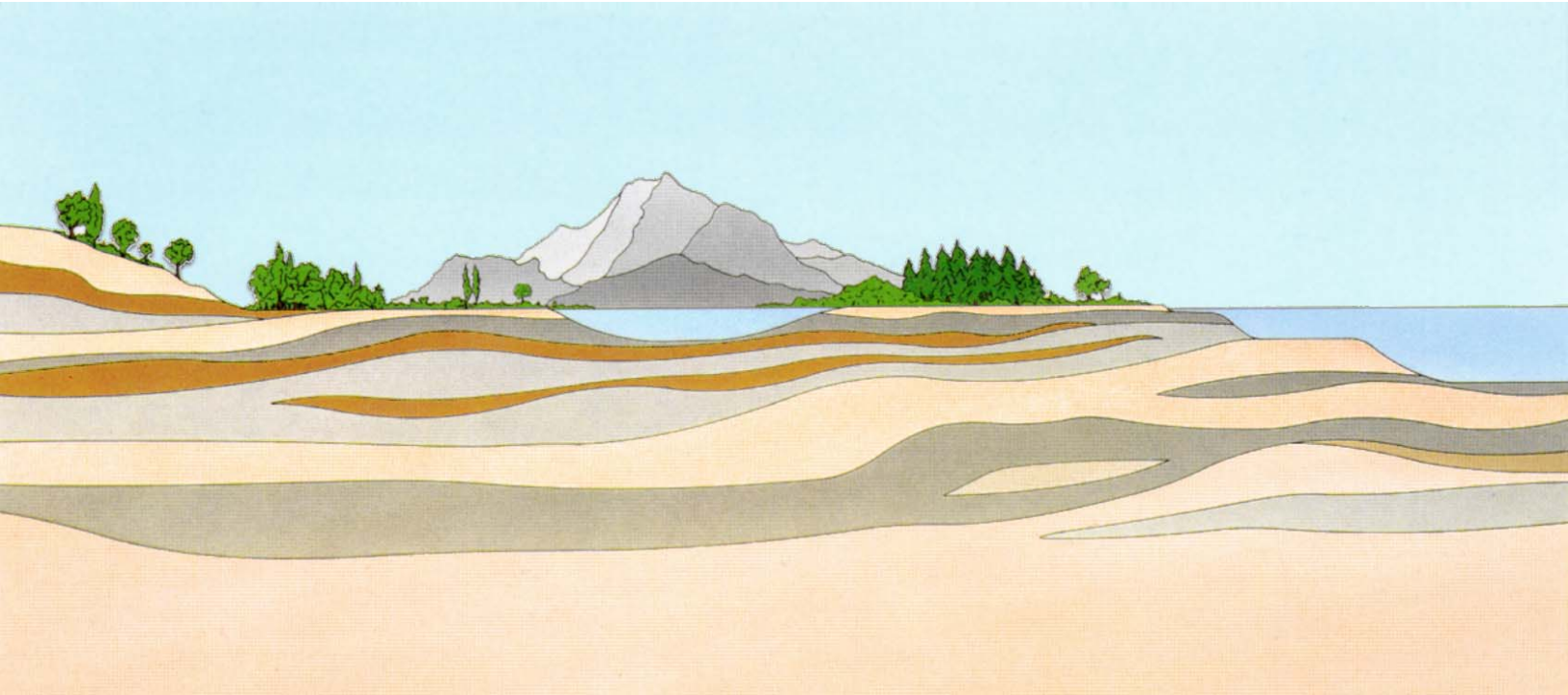
FUGRO CONSULTANTS, INC.

SHALLOW GROUNDWATER WATER QUALITY SAMPLING AND ANALYSIS LOS OSOS, CALIFORNIA

Prepared for:
CDM
2295 Gateway Oaks Drive, Suite 240
Sacramento, CA 95833

Prepared by:
FUGRO CONSULTANTS, INC.
660 Clarion Court
San Luis Obispo, CA 93401

February 2, 2012



FUGRO CONSULTANTS, INC.

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February 2, 2012
Project No. 04.62110137

CDM
2295 Gateway Oaks Drive, Suite 240
Sacramento, California 95833

Attention: Mr. Bruce Corwin

Subject: Shallow Groundwater Water Quality Sampling and Analysis, Los Osos, California

Dear Mr. Corwin:

Fugro is pleased to submit this summary report related to the sampling and analysis of water quality of the shallow groundwater that may be encountered during pipeline trench excavation in the community of Los Osos. We understand that the water quality of the shallow groundwater must be analyzed and approved by the Regional Water Quality Control Board (RWQCB) before the water can be discharged to the ground surface during construction.

The purpose of this project was to sample shallow groundwater and analyze the samples according to the RWQCB's screening requirements for priority pollutants. Only portions of the study area are underlain by groundwater shallower than 10 feet, so this initial effort included measuring water levels in existing Los Osos Community Services District (LOCSD) wells that are located in or near the areas that were previously identified to have water levels shallower than 10 feet. These water level data were compared to previous water level contour maps of the area (the most recent map was prepared in 2004 based on 1997-2003 data). Several of the wells were sampled and the resultant groundwater analyzed.

TECHNICAL APPROACH

A water level measurement event and groundwater sampling program was developed according to our proposal dated October 18, 2011. The number of shallow LOCSD wells that were sampled was determined based on the results of the water level measurements. Preliminarily, based on the 2005 water level contour maps, we assumed that no more than three (3) wells would be sampled in order to provide adequate coverage of the shallow groundwater area. However, based on the results of the water level measurement event, it was decided that four (4) monitoring wells would be sampled. After the sampling program was developed, we conducted the field pumping, purging, and sampling of the four wells, contracted with a State-certified analytical laboratory for water quality analysis of the samples, and prepared this report documenting the work and presenting the results of the investigation.

WORK PERFORMED

Our work began with a review of previous water level contour maps (Fugro, 2004) and reports related to the nitrate monitoring program (Cleath and Associates 2003, 2005, and 2006). Coupled with the monitoring well construction details of the wells in the network, we developed a water level measurement program to measure and record current water levels in existing LOCSD monitoring wells throughout the study area. These data, collected on December 7, 2011, were compared to the previous data from 2004 through 2006 (which were the most recent previous water level measurements). This information guided the development of the sampling program.

Results of the water level monitoring event of December 7, 2011 show that water levels during the recent measurement event are generally similar to those collected between 2004 and 2006 (Table 1).

Table 1.
Comparison of Historic Water Level Data
with Water Level Data Collected in December 2011

Well ID	Depth to Water (feet)							
	March 2004	June 2004	October 2004	April 2005	October 2005	April 2006		December 2011
30S/10E								
13G	38.46	39.88	40.13	37.67	38.85	38.50		39.80
13H	26.96	2.50	28.10	23.10	23.30	24.83		25.22
13L5	21.58	22.13	22.25	19.25	21.27	20.67		21.90
30S/11E								
7L3	35.66	36.27	36.50	34.00	35.83	35.63		35.32
7Q1	3.75	4.63	5.17	2.67	2.00	3.00		4.95
7R1	21.08	21.63	22.02	18.33	20.00	19.66		21.10
8N2	34.67	35.79	36.33	32.08	32.63	33.50		29.60
18B1	17.08	18.25	18.92	14.42	15.63	16.00		18.31
18C1	15.92	16.58	17.00	14.33	15.63	15.20		16.75
18J6	23.50	24.44	24.80	18.04	20.67	19.00		22.75
18L3	40.33	41.08	42.75	35.00	37.92	37.50		40.60
18L4	19.83	20.42	21.25	15.50	18.38	18.00		19.80

Depths in feet below ground surface
Historic water level data from Fugro (2004) and Cleath (2006)

Groundwater levels throughout the area are relatively stable and vary within a fairly limited range, so it is reasonable to expect that water levels encountered during construction will be similar to those presented in our previous report (Plate 8c, Fugro, 2004). That figure is presented in this report as Plate 1, showing the historic groundwater contour lines based on previous work, the locations of the wells that were measured in December 2011 and depth to groundwater in each well, and the areas that the data indicate have depths to groundwater less than 10 feet below ground surface (bgs). Based on the data collected during this investigation, the water level contour map presented in Plate 8c (Fugro 2004) and recreated herein as Plate 1 is likely representative of current groundwater level conditions.

Based on the results of the water level measurements, a shallow groundwater sampling program was developed. The wells to be sampled were based on proximity of the wells to areas with anticipated water levels less than 10 feet bgs, including:

- Well 30S/10E-13L5 (Howard and Del Norte),
- Well 30S/11E-18L4 (Ferrell Avenue),
- Well 30S/11E-18C1 (5th Street and Pismo Avenue), and
- Well 30S/11E-7Q1 (8th Street and El Moro).

On January 9, 2012 the wells were sampled in general accordance with the ASTM standard D4448-1. Specifically, Fugro personnel coordinated with and obtained sample bottles and coolers from a State-certified analytical laboratory (FGL Environmental of San Luis Obispo and Santa Paula, California). The wells were pumped and water samples collected. Sampling of the monitoring wells was accomplished using a Grundfos RediFlo2 electric submersible pump. Each well was purged in accordance with ASTM D4448-1 until such time when field-measured water quality parameters (temperature, pH, and EC) stabilized. Samples were then collected in sample containers provided by the laboratory with appropriate preservatives, placed in coolers immediately following sample collection, and maintained at appropriate temperature for transportation to the laboratory. Field logs of the purging and sampling of each well, along with chain-of-custody documentation are attached in Appendix A.

Each sample was analyzed for the suite of constituents identified in the California Regional Water Quality Control Board (RWQCB) list of screening levels for priority pollutants. A summary of the results of the groundwater sampling are presented in Table 2. Complete laboratory results are attached in Appendix B.

Table 2. Water Quality Data, January 9, 2012
(Units in mgl, unless otherwise noted)

Constituent	Method Detection Limit	Well 30S/10E -13L5	Well 30S/11E -18L4	Well 30S/11E -18C1	Well 30S/11E -7Q1
Antimony	0.001	ND	ND	ND	ND
Arsenic	0.002	**0.002**	ND	ND	ND
Beryllium	0.0002	ND	ND	ND	ND
Cadmium	0.0002	ND	ND	ND	ND
Chromium	0.001	**0.001**	**0.003**	**0.005**	**0.001**
Chromium VI	0.01	ND	ND	ND	ND
Copper	0.001	**0.001**	ND	ND	**0.001**
Total Hardness as $CaCO_3$	2.5	**98.3**	**259**	**213**	**246**
Lead	0.0002	ND	ND	**0.003**	ND
Mercury	0.00002	ND	ND	ND	**0.0003**
Nickel	0.001	**0.019**	ND	**0.015**	**0.018**
Selenium	0.002	ND	ND	ND	ND
Silver	0.001	ND	ND	ND	ND
Thallium	0.0002	ND	ND	ND	ND
Zinc	0.01	ND	ND	ND	ND
Chromium III	0.001	**0.001**	**0.003**	**0.005**	**0.001**
Conductivity (uMhos/cm)	1	**833**	**858**	**845**	**1,040**
Cyanide	0.004	ND	ND	ND	ND
Asbestos	0.2 – 1.1	<0.2	<0.2	<0.2	<1.1
Pesticides and PCBs, ug/l (EPA 608)	0.005-2	ND	ND	ND	ND
Purgeables, ug/l (EPA 624)	0.5-40	ND	ND	ND	ND
Chloroform	0.5	ND	**0.7**	**0.9**	**0.9**
Chloromethane	0.5	ND	**0.8**	**0.8**	ND
Tetrachloroethylene	0.5	ND	**4.5**	ND	ND
Semi-volatile organics, ug/l (EPA 625)	1-10	ND	ND	ND	ND
Dioxin-2,3,7,8-TCDD (pg/l)	5	ND	ND	ND	ND

Notes: ND: Below Minimum Level
Bolded values were detected above the method detection limit

Results of the water quality analyses indicate that no detectable levels of asbestos, pesticides and polychlorinated biphenyls (PCBs), semi-volatile compounds or dioxin were present in any of the groundwater samples. Several metals were detected at levels above the method detection limit including arsenic (well -13L5), chromium (all wells), copper (wells –13L5

and -7Q1), lead (-18C1), mercury (-7Q1), nickel (-13L5, -18C1 and -7Q1) and chromium III (all wells). Additionally, several organic compounds (purgeables) were detected in several wells as indicated on Table 2. Note that the detections above the method detection limit are not necessarily above the screening level required by the RWQCB, the comparison to which was not performed, but will be required as part of the dewatering program.

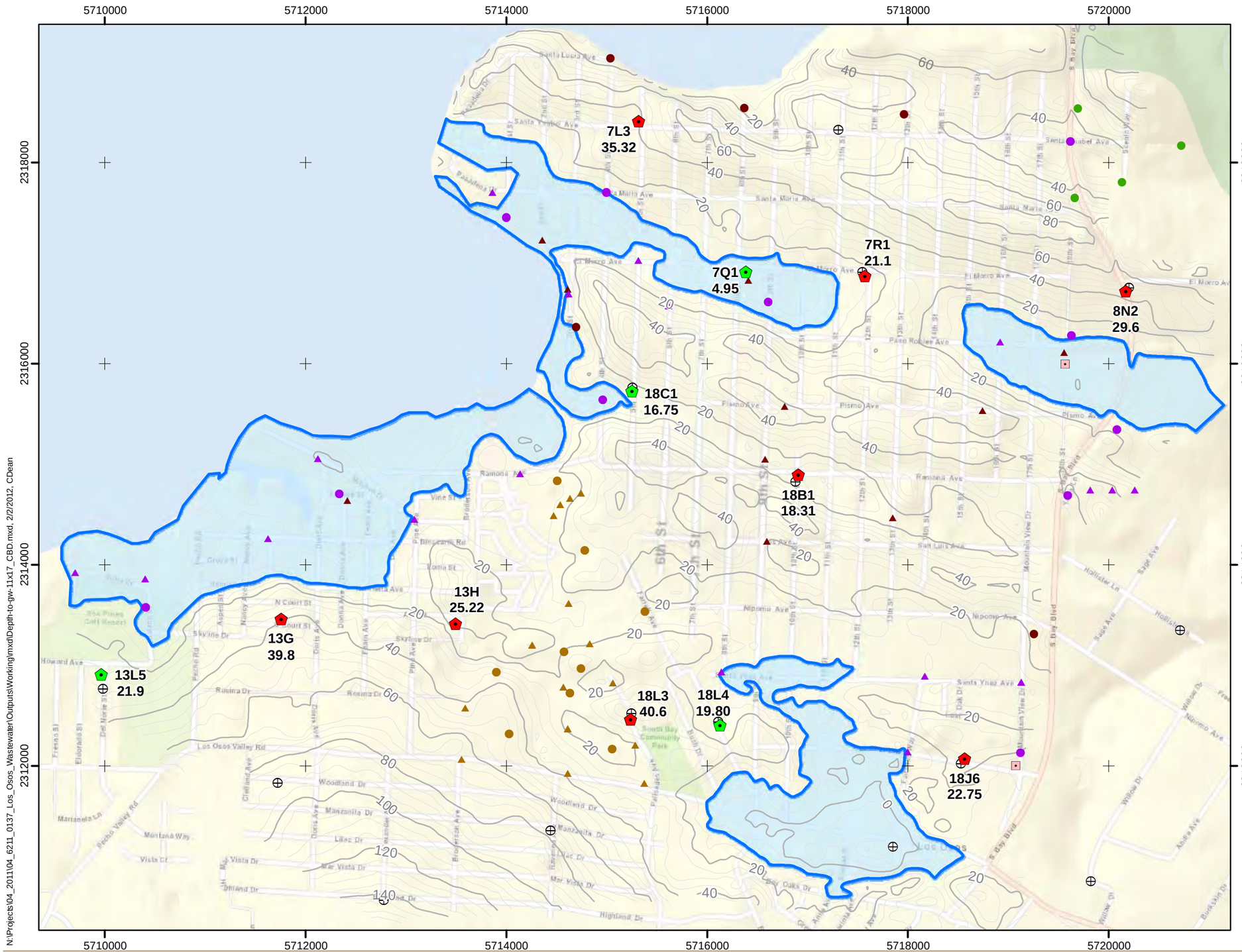
We trust this report meets your needs at this time. Please contact the undersigned if you have questions or require additional information.

Sincerely,

FUGRO WEST, INC.

Paul A. Sorensen, P.G., C.Hg.
Principal Hydrogeologist

Enclosures: Plate 1
Appendix A: Field purge and sampling logs
Appendix B: FGL Environmental Laboratory Water Quality Data Results



LEGEND

- Hollow Stem Auger Boring Site (Fugro, 2003)
- CPT Site (Fugro, 2003)
- Hollow Stem Auger Boring Site (Fugro, 1997)
- CPT Site (Fugro, 1997)
- Hollow Stem Auger Boring Site (Cleath, 2003)
- Boring Site (CFS, 1999)
- CPT Site (CFS, 1999)
- County Engineering Monitoring Well
- Hand Auger Site
- 18B1 18.31 — LOCSD Monitoring Well with Depth to Water Measurement (December 2011)
- 13L5 21.9 — LOCSD Monitoring Well with Depth to Water Measurement (December 2011) and Water Quality (January 2012)
- Area Less Than 10 Feet Depth to Water

Depth to Groundwater Contour
- CI = 20 feet
- CI = 5 feet

Note:
1) Depth to groundwater is approximate and varies seasonally. Depth calculated as difference between surface topography obtained from Montgomery Watson Harza and groundwater levels and contours estimated from explorations.
2) Plate modified from Plate 8c, Fugro 2004.

Grid: NAD83 State Plane California V, Feet

N

1:12,000

0 500 1,000 2,000 Feet

WATER LEVEL AND WATER QUALITY SAMPLE LOCATIONS AND AREAS OF DEPTH TO WATER LESS THAN 10 FEET
Los Osos Wastewater Project
San Luis Obispo County, California

PLATE 1

N:\Projects\04_2011\04_6211_0137_Los_Osos_Wastewater\Outputs\Working\mxd\Depth-to-gw-11x17_CBD.mxd, 2/2/2012, CDean

APPENDIX A

REPORT OF GROUND WATER PURGING/SAMPLING DATA

JOB NO.: 62110137	WELL IDENTIFICATION NO.: 30S/11E - 7Q1	DATE: 1-9-12	(M) T W T F S S
CLIENT: COM / Co. of SLO		PROJECT: Los Osos Water Quality	
LOCATION: Los Osos - 8th & El Moro		WEATHER: clear, warm	
OBSERVER: TAN / PAS		OBSERVATION PERIOD: START:	STOP:

PURGING DATA

A	Total Depth of Well (ft)	67	
B	Static Water Level (ft)	5	
C	Depth of Water Column (ft) [A-B=C]	62	
D	Volume Multiplier (gal/ft)	2.58	
E	Casing Volume, One (gal) [CxD=E]	159.96	
F	Casing Volume, Three (gal) [3xE=F]	479.88	
G	Purge, Time Start (Military)	1338	1445
H	Purge, Time Stop (Military)	1350	1545
I	Total Time of Purge (hrs, min)	5	2.5
J	Purge Rate (gal)	5.25	2.5
K	Actual Purge Volume (gal)	63	
L	Drawdown		
M	Type of Purge Pump	Redi-flo 2	
N	Comments:		

VOLUME MULTIPLIER	
Casing Diameter, 2-inch	0.16 gal/ft
Casing Diameter, 4-inch	0.65 gal/ft
Casing Diameter, 6-inch	1.46 gal/ft
8-inch - 2.58	

16 Gal
2.40

CONVERSION EQUIVALENTS	
1 Gallon	231 inches^3
1 Foot^3	1728 inches^3 = 7.5 gallons
Area of Circle	πr^2

INDICATOR DATA

Parameter	Before Purge	1450	1500	1515	1535		At Sampling
Temperature (C°)	17.7	17.3	17.4	17.4	17.4		
Conductivity (microhms)	888	884	940	896	957		
pH	7.75	7.64	6.97	7.10	6.89		
Turbidity							
Salinity							

SAMPLING DATA

Sample No.	Date	Time (Military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests A	B	C	D	E	F

Depth of Water at Sampling:

Comments:

Test Method	
A	
B	
C	
D	
E	
F	

F-GW0701.07/90:ts

REPORT OF GROUND WATER PURGING/SAMPLING DATA

JOB NO.: 6211.0137	WELL IDENTIFICATION NO.: 30S/11E-18C1	DATE: 1-9-12	(M) T W T F S S
CLIENT: CDM / Co. of SLO		PROJECT: Los Osos Water Quality	
LOCATION: Los Osos - 5th + Pismo		WEATHER: clear, warm	
OBSERVER: TAN/PAS		OBSERVATION PERIOD: START: STOP:	

PURGING DATA

A	Total Depth of Well (ft)	30.45
B	Static Water Level (ft)	16.88
C	Depth of Water Column (ft) [A-B=C]	13.57
D	Volume Multiplier (gal/ft)	0.16
E	Casing Volume, One (gal) (CxD=E)	2.17
F	Casing Volume, Three (gal) [3xE=F]	6.51
G	Purge, Time Start (Military)	1225
H	Purge, Time Stop (Military)	1240
I	Total Time of Purge (hrs, min)	:15
J	Purge Rate (gal)	1/2
K	Actual Purge Volume (gal)	7.5
L	Drawdown	—
M	Type of Purge Pump	Rediflo2
N	Comments:	

VOLUME MULTIPLIER	
Casing Diameter, 2-inch	0.16 gal/ft
Casing Diameter, 4-inch	0.65 gal/ft
Casing Diameter, 6-inch	1.46 gal/ft

CONVERSION EQUIVALENTS	
1 Gallon	231 inches^3
1 Foot^3	1728 inches^3 = 7.5 gallons
Area of Circle	πr^2

INDICATOR DATA

Parameter	Before Purge	1227	1230	1235	1240		At Sampling
Temperature (C°)	16.6	16.6	16.8	16.8	16.8		
Conductivity (microhms)	728	787	792	792	793		
pH	7.19	6.88	6.70	6.68	6.65		
Turbidity							
Salinity							

SAMPLING DATA

Sample No.	Date	Time (Military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests A	B	C	D	E	F

Depth of Water at Sampling:

Comments:

Test Method	
A	
B	
C	
D	
E	
F	

F-GW0701.07/90:ts

REPORT OF GROUND WATER PURGING/SAMPLING DATA

JOB NO.: 6211.0137	WELL IDENTIFICATION NO.: 30S/11E-18L4	DATE: 1-9-12	M T W T F S S
CLIENT: CDM / Co. of SLO		PROJECT: Los Osos Water Quality	
LOCATION: Los Osos - Farrell Ave		WEATHER: clear, warm	
OBSERVER: TAN / PAS		OBSERVATION PERIOD: START: STOP:	

PURGING DATA

A	Total Depth of Well (ft)	34.6
B	Static Water Level (ft)	19.8
C	Depth of Water Column (ft) [A-B=C]	14.8
D	Volume Multiplier (gal/ft)	0.16
E	Casing Volume, One (gal) (CxD=E)	2.37
F	Casing Volume, Three (gal) [3xE=F]	7.1
G	Purge, Time Start (Military)	1127
H	Purge, Time Stop (Military)	1145
I	Total Time of Purge (hrs, min)	
J	Purge Rate (gal)	1/2 gpm
K	Actual Purge Volume (gal)	
L	Drawdown	—
M	Type of Purge Pump	Red Flo 2
N	Comments:	

VOLUME MULTIPLIER		
Casing Diameter, 2-inch	X	0.16 gal/ft
Casing Diameter, 4-inch		0.65 gal/ft
Casing Diameter, 6-inch		1.46 gal/ft

CONVERSION EQUIVALENTS	
1 Gallon	231 inches^3
1 Foot^3	1728 inches^3 = 7.5 gallons
Area of Circle	πr^2

INDICATOR DATA

Parameter	Before Purge	1130	1135	1140	1145		At Sampling
Temperature (C°)		17.7	17.5	17.5	17.5		
Conductivity (microhms)		796	802	806	807		
pH		6.76	6.56	6.50	6.50		
Turbidity							
Salinity							

SAMPLING DATA

Sample No.	Date	Time (Military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests A	B	C	D	E	F

Depth of Water at Sampling:

Comments:

Test Method
A
B
C
D
E
F

F-GW0701.07/90:ts

REPORT OF GROUND WATER PURGING/SAMPLING DATA

JOB NO.: 6211.0137	WELL IDENTIFICATION NO.: 30S/10E-13L5	DATE: 1-9-12	(M) T W T F S S
CLIENT: CDM / Co. of SLO		PROJECT: Los Osos Water Quality	
LOCATION: Los Osos - Howard/Del Norte		WEATHER: clear, 55° F	
OBSERVER: TAN / PAS		OBSERVATION PERIOD: START: STOP:	

PURGING DATA

A	Total Depth of Well (ft)	29.6
B	Static Water Level (ft)	22.11
C	Depth of Water Column (ft) [A-B=C]	7.49
D	Volume Multiplier (gal/ft)	0.65
E	Casing Volume, One (gal) (CxD=E)	4.87
F	Casing Volume, Three (gal) [3xE=F]	14.61
G	Purge, Time Start (Military)	945
H	Purge, Time Stop (Military)	1015
I	Total Time of Purge (hrs, min)	:30
J	Purge Rate (gal)	1/2 gpm
K	Actual Purge Volume (gal)	15 gal
L	Drawdown	—
M	Type of Purge Pump	Redi-flo 2.
N	Comments: ~130 ft/2	

VOLUME MULTIPLIER	
Casing Diameter, 2-inch	0.16 gal/ft
Casing Diameter, 4-inch	X 0.65 gal/ft
Casing Diameter, 6-inch	1.46 gal/ft

CONVERSION EQUIVALENTS	
1 Gallon	231 inches^3
1 Foot^3	1728 inches^3 = 7.5 gallons
Area of Circle	πr^2

INDICATOR DATA

Parameter	Before Purge	950	955	1005	1015		At Sampling
Temperature (C°)	—	16.9	18.6	18.6	18.7		
Conductivity (microhms)	—	780	784	778	772		
pH	—	6.8	6.57	6.46	6.49		
Turbidity							
Salinity							

SAMPLING DATA

Sample No.	Date	Time (Military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests A	B	C	D	E	F

Depth of Water at Sampling:

Comments:

Test Method	
A	
B	
C	
D	
E	
F	

F-GW0701.07/90:ts

APPENDIX B

ENVIRONMENTAL

Special
www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: Fugro Consultants, Inc.
Address: Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Phone: (805)542-0797 Fax: (805)542-9311

Contact Person: Paul Sorensen

Project Name: **Groundwater Monitoring**

Purchase Order Number:

Quote Number: CC 20110929-31

Sampler(s) Paul Sorensen

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: CC 1280085 8-646

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Metals, Total-Sb,As,Be,Cd,Cr,Cr (VI),Cu,Hardness,Pb,Hg,Ni,Se,Ag,Tl,Zn,Cr_III	***Field Filter Cr (VI)*** 250ml(P)-HNO3 , 40ml(VFS)-(NH4)2SO4,NH4OH	Wet Chemistry-Cyanide,Conductivity 16oz(P)-NaOH, 16oz(P)	EPA 608 1000ml(AGT)	EPA 624 40ml(VOA)-HCl	EPA 625 1000ml(AGT)	Subcontract - Asbestos-Drinking Water 32oz(P)	Subcontract - Dioxin-2,3,7,8-TCDD 1000ml(AGT)				
1	30S/10E-13L5	1/9/2012	1615	G	MW				1,1	1,1	1	4	1	1	2				
2	30S/11E-18L4		1145	G	MW				1,1	1,1	1	4	1	1	2				
3	30S/11E-18C1		1240	G	MW				1,1	1,1	1	4	1	1	2				
4	30S/11E-7Q1		1545	G	MW				1,1	1,1	1	4	1	1	2				

Remarks: 205

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Paul U. Sorensen	1-9-12	1622	G Costuna	01/09/12	1631	M Janson	01/09/12	1700
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
G Costuna	1/9/12	1622	M Janson	↓	↓	ON TRUCK	↓	↓

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000
FAX: 805/525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0182
FAX: 209/942-0423

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530/343-5818
FAX: 530/343-3807

Office & Laboratory
3442 Empresa Drive, Suite B
San Luis Obispo, CA 93401
TEL: 805/789-9940
FAX: 805/525-4172

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399
FAX: 559/734-8435

1/10 0215

ENVIRONMENTAL

Special Subcontract to
Test America Sacramento

CHAIN OF CUSTODY
Laboratory Copy (1 of 3)

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: (805)392-2039 Fax: (805)525-6264
Contact Person:
Project Name: CC18 80085 - (8-646)
Purchase Order Number:
Quote Number: CC 20110929-31

Sampler(s) Paul Sorensen

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number:

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontract - Dioxin-2,3,7,8-TCDD 1000ml(AGT)
1	30S/10E-13L5			G	MW			2
2	30S/11E-18L4			G	MW			2
3	30S/11E-18C1			G	MW			2
4	30S/11E-7Q1			G	MW			2

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0182

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530/343-5818
FAX: 530/343-3807

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: 805/783-2940
FAX: 805/525-4172

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399
FAX: 559/734-8435

ENVIRONMENTAL

Special Subcontract to EMSL Laboratories, Inc.

CHAIN OF CUSTODY

Customer Copy (2 of 3)

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: Fruit Growers Laboratory, Inc.
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: (805)392-2039 Fax: (805)525-6264

Contact Person:

Project Name: CC1280085 (8-646)

Purchase Order Number:

Quote Number: CC 20110929-31

Sampler(s) Paul Sorensen

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: __/__/__ Time: __/__

Lab Number: ~~128~~

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)
Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type	Bacti Reason	Subcontract - Asbestos-Drinking Water 32oz(P)
1	30S/10E-13L5	01/09	1015	G	MW				1
2	30S/11E-18L4		1145	G	MW				1
3	30S/11E-18C1		1240	G	MW				1
4	30S/11E-7Q1		1545	G	MW				1

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
W Johnson	01/09/12	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
ON TRUCK								

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000
FAX: 805/525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0182
FAX: 209/942-0423

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530/343-5818
FAX: 530/343-3807

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: 805/783-2940
FAX: 805/525-4172

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399
FAX: 559/734-8435

Central Coast - Condition Upon Receipt (Attach to COC) CC1280085

Sample Receipt at SLO:

1.Number of ice chests/packages received: 1

2. Were samples received in a chilled condition? Temps: ROT / ____ / ____ / ____ / ____
Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..

3.	Do the number of bottles received agree with the COC?	Yes	No	N/A
4.	Were samples received intact? (i.e. no broken bottles, leaks etc.)	Yes	No	
5.	VOAs checked for Headspace?	Yes	No	N/A
6.	Were sample custody seals intact?	Yes	No	N/A
7.	If required, sample split for pH analysis in Central Coast	Yes	No	N/A

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): OL

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 10 / ____ / ____ / ____ / ____
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.

2.	Do the number of bottles received agree with the COC?	Yes	No	N/A
3.	Were samples received intact? (i.e. no broken bottles, leaks etc.)	Yes	No	
4.	Were sample custody seals intact?	N/A	Yes	No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1.	Were all requested analyses understood and acceptable?	Yes	No		
2.	Did bottle labels correspond with the client's ID's?	Yes	No		
3.	Were all bottles requiring sample preservation properly preserved?	Yes	No	N/A	FGL
4.	VOAs checked for Headspace?	Yes	No	N/A	
5.	Were all analyses within holding times at time of receipt?	Yes	No		
6.	Have rush or project due dates been checked and accepted?	N/A	Yes	No	

Attach labels to the containers and include a copy of the COC for ~~lab delivery~~.

Sample Receipt, Login and Verification completed by (initials): [illegible]

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
Initiated By:_____ Date:_____
Problem:

Resolution:

(8-646)
Fugro Consultants, Inc.
CC 1280085
IV-01/10/2012-08:07:06

January 30, 2012

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Subject: Subcontract Analysis for FGL Lab No. CC 1280085

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontract - Asbestos-Drinking Water

Please note that this analysis was performed by EMS Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2012-01-30

Enclosure

DATE:	January 23, 2012
CUSTOMER:	FGL Environmental 853 Corporation Street Santa Paula, CA 93060-3005
ATTENTION:	Cindy Aguirre
REPORT NO:	148819
REFERENCE:	Project Name: CC1280085 - (8-646)
RECEIVED:	January 10, 2012 at 1010
DATE ANALYZED:	January 18, 2012
SUBJECT:	ANALYSIS OF WATER SAMPLES FOR ASBESTOS BY TEM
ACCREDITATION:	California Dept. of Health Services ELAP 1119

The date and times of collection, uv-ozone treatment and filtration are as follows:

SAMPLE NO	DATE/TIME COLLECTED	DATE/TIME FILTERED
1-30S/10E-13L5	01/09/12 at 1015	01/10/12 at 1325
1-30S/11E-18L4	01/09/12 at 1145	01/10/12 at 1330
1-30S/11E-18C1	01/09/12 at 1240	01/10/12 at 1335
1-30S/11E-7Q1	01/09/12 at 1545	01/10/12 at 1351

In the drinking water document, EPA 600 R 94 134, 100.2, samples are analyzed for fibers >10 um in length. The regulation calls for an MCL (maximum contaminant level) of 7 MFL (million of fibers per liter) and an analytical sensitivity of 0.2 MFL.

The analytical sensitivity of 0.2 MFL was reached. The analytical sysitivity of 0.2 was not reached for sample 30S/11E-7Q1 due to the turbidity of the sample.

The results of the analysis and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.

BMKolk

B.M. Kolk
Laboratory Director
BMK/am

Note. The report shall not be reproduced, except in full without the written approval of EMS Laboratories, Inc.
Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.

ANALYSIS OF WATER BY TEM (EPA-600 R 94 134) EPA 100.2

LAB.NO. 148819
CLIENT: FGL Environmental
DATE: 1/18/2012

Laboratory I.D.	Client I.D.	FILTER MEDIA DATA Type	Diameter mm	Effective Area mm^2	No. of G.O.	Analyzed Area, mm^2	Sample Volume (mL)
148819-1	30S/10E-13L5	PC	47	1017	10	0.094	60
148819-2	30S/11E-18L4	PC	47	1017	10	0.094	60
148819-3	30S/11E-18C1	PC	47	1017	10	0.094	60
148819-4	30S/11E-7Q1	PC	47	1017	10	0.094	10
1-10-12-BL	EMS Blank	PC	47	1017	20	0.188	500

* FOR FIBERS > 10μm ONLY

INDIVIDUAL ANALYTICAL RESULTS

Laboratory I.D.	Client I.D.	No of Asbestos Fibers	Detection Limit (MF/L)	Concentration MFL Fibers >10 μm
148819-1	30S/10E-13L5	ND	0.2	< 0.2
148819-2	30S/11E-18L4	ND	0.2	< 0.2
148819-3	30S/11E-18C1	ND	0.2	< 0.2
148819-4	30S/11E-7Q1	ND	1.1	< 1.1
1-10-12-BL	EMS Blank	ND	0.01	< 0.01

The analysis was carried out to the approved TEM method. This laboratory is in compliance with the quality specified by the method.

B M Kolk
Authorized Signature

NA Not Applicable
ND None Detected
PC Polycarbonate Filter
GO Grid Openings
MFL Million Fibers per Liter

TEM ASBESTOS ANALYSIS

Client: FGL
Sample No.: 1

EMS Lab No.: 148819
Page ____ of ____

RECEIVING

TYPE OF SAMPLE
Air ☐ Water ☒
Soil ☐ Bulk ☐
Other ____

METHOD OF ANALYSIS
EPA 600/4-83-043 ☒ ISO ☐

LEVEL OF ANALYSIS
Chrysotile: CPQDQ
Amphibole: ADQ

ASPECT RATIO
3:1 ☒ 5:1 ☐

LENGTHS
All Sizes (EPA) ☐
(μm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☐
≥10.0 ☒
PCM Range* ☐
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☐
PC ☒ 314 ☐
MCN ☐ 1017 ☒
Other ____

PORE SIZE
0.45 μm ☐ 0.8 μm ☐
0.1 μm ☐ 0.22 μm ☐
Other 0.4

G.O. Area (mm²) 0.0: 094
No. of G.O. to Analyze: 10

EPA/600/R-94/134 100.1 ☐ 100.2 ☐

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

1-10-12
Sam 1310-1325
Fil 1325

Volume ____ liters
Working Volume 60 ml
Weight ____ grams
Ashed Area ____ %

Prepared By: LKOM
Date: 1-12-12

ANALYSIS

MICROSCOPE
H600A - Serial No. 542-36-01 ☒
H600B - Serial No. 542-05-06 ☐
H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM
Kevex - Model No. 3200-0106-0365 ☒
Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Address: A
Screen Magnification: 9300 X
Camera Constant: 291
Accelerating Voltage: 100KV
Beam Current: 1.8 μA
K-Factor: 1.5
Analyst: LKOM Date: 1-18-12

	Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
A	F34	NSD																								
	F41	NSD																								
	G5	NSD																								
	F53	NSD																								
B	F53	NSD																								
	F43	NSD																								
	G54	NSD																								
C	F36	NSD																								
	F41	NSD																								
	G43	NSD																								

TEM - 1A (1-06)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client FGL
Sample No. 2

EMS Lab No. 148819
Page ____ of ____

RECEIVING

TYPE OF SAMPLE
Air ☐ Water ☑
Soil ☐ Bulk ☐
Other ____

METHOD OF ANALYSIS
EPA 600/4-83-043 ☑ ISO ☐

LEVEL OF ANALYSIS
Chrysotile CDCDQ
Amphibole ADQ

ASPECT RATIO
3:1 ☑ 5:1 ☐

EPA/600/R-94/134 100.1 ☐ 100.2 ☑

LENGTHS
All Sizes (EPA) ☐
(µm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☐
≥10.0 ☑
PCM Range* ☐
*(≥0.25 µm width ≥5.0 µm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☐
PC ☑ 314 ☐
MCN ☐ 1017 ☑
Other ____

PORE SIZE
0.45 µm ☐ 0.8 µm ☐
0.1 µm ☐ 0.22 µm ☐
Other Cu

G.O. Area (mm²) 0.0 094
No. of G.O. to Analyze 10

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

1-16-12
SON 1310 1325
FIL 1330

Volume ____ liters
Working Volume 60 ml
Weight ____ grams
Ashed Area ____ %

Prepared By LGLK
Date 1-17-12

ANALYSIS

MICROSCOPE
H600A - Serial No. 542-36-01 ☑
H600B - Serial No. 542-05-06 ☐
H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM
Kevex - Model No. 3200-0106-0365 ☑
Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Address: ABC
Screen Magnification: 2500 X
Camera Constant: 29.1
Accelerating Voltage: 100KV
Beam Current: 10 µA
K-Factor: 10
Analyst LGLK Date 1-18-12

	Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
A	F46	NSD																								
	659	NSD																								
	F53	NSD																								
	053	NSD																								
B	623	NSD																								
	555	NSD																								
	H41	NSD																								
C	H43	NSD																								
	133	NSD																								
	K41	NSD																								

TEM - 1A (1-08)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client: FGL
Sample No.: 3
EMS Lab No.: 148819
Page ____ of ____

RECEIVING

TYPE OF SAMPLE: Air ☐ Water ☑ Soil ☐ Bulk ☐ Other ____

METHOD OF ANALYSIS: EPA 600/4-83-043 ☑ ISO ☐

LEVEL OF ANALYSIS: Chrysotile CDCDG; Amphibole ADQ

ASPECT RATIO: 3:1 ☐ 5:1 ☐

LENGTHS: All Sizes (EPA) ☐; (µm) ≥0.5 ☐; ≥1.0 ☐; ≥5.0 ☐; ≥10.0 ☑; PCM Range* ☐ (*≥0.25 µm width, ≥5.0 µm length)

FILTER TYPE / AREA (mm±): MCE ☐ 385 ☐; PC ☑ 314 ☐; MCN ☐ 1017 ☑; Other ____

PORE SIZE: 0.45 µm ☐ 0.8 µm ☐; 0.1 µm ☐ 0.22 µm ☐; Other 0.4

G.O. Area (mm²) 0.0: 094
No. of G.O. to Analyze: 10

EPA/600/R-94/134 100.1 ☐ 100.2 ☑

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

1-10-12
LON 1310-1325
FIL 1335

Volume ____ liters
Working Volume 60 ml
Weight ____ grams
Ashed Area ____ %

Prepared By: [illegible]
Date: 1-17-12

ANALYSIS

MICROSCOPE: H600A - Serial No. 542-36-01 ☑; H600B - Serial No. 542-05-06 ☐; H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM: Kevex - Model No. 3200-0106-0365 ☑; Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Address: KBC
Screen Magnification: 8500 X
Camera Constant: 29.1
Accelerating Voltage: 100KV
Beam Current: 1.0 µA
K-Factor: 1.5
Analyst: [illegible] Date: 1-18-12

	Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
A	633	NSD																								
	F46	NSD																								
	F36	NSD																								
	E41	NSD																								
B	644	NSD																								
	F43	NSD																								
	F51	NSD																								
C	644	NSD																								
	F43	NSD																								
	F53	NSD																								

TEM - 1A (1-08)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client: FGL
Sample No.: 4
EMS Lab No.: 148819
Page ____ of ____

RECEIVING

TYPE OF SAMPLE: Air ☐ Water ☑ Soil ☐ Bulk ☐ Other ____

METHOD OF ANALYSIS: EPA 600/4-83-043 ☑ ISO ☐

LEVEL OF ANALYSIS: Chrysotile LDCDQ; Amphibole ANQ

ASPECT RATIO: 3:1 ☑ 5:1 ☐

EPA/600/R-94/134 100.1 ☐ 100.2 ☑

LENGTHS: All Sizes (EPA) ☐; (µm) ≥0.5 ☐; ≥1.0 ☐; ≥5.0 ☐; ≥10.0 ☑; PCM Range* ☐ (*≥0.25 µm width ≥5.0 µm length)

FILTER TYPE / AREA (mm±): MCE ☐ 385 ☐; PC ☑ 314 ☐; MCN ☐ 1017 ☐; Other ____

PORE SIZE: 0.45 µm ☐ 0.8 µm ☐; 0.1 µm ☐ 0.22 µm ☐; Other 0.4

G.O. Area (mm²) 0.0 D94
No. of G.O. to Analyze 10

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

1-10-12
SON 1326 1341
FIL 1357

Volume 10 liters
Working Volume ~~600~~ 14 ml
Weight ____ grams
Ashed Area ____ %

Prepared By L Kolk
Date 1-17-12

ANALYSIS

MICROSCOPE
H600A - Serial No. 542-36-01 ☑
H600B - Serial No. 542-05-06 ☐
H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM
Kevex - Model No. 3200-0106-0365 ☑
Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Address: ABC
Screen Magnification: 9500 X
Camera Constant: 191
Accelerating Voltage: 100KV
Beam Current: 1.0 µA
K-Factor: ____
Analyst L Kolk Date 1-18-12

	Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Na	EDS Mg	EDS Si	EDS Ca	EDS Fe	Comments
A	F53	NSD																								
	G61	NSD																								
	F53	NSD																								
	C7	NSD																								
B	F53	NSD																								
	G53	NSD																								
	G43	NSD																								
C	F44	NSD																								
	F46	NSD																								
	F46	NSD																								

TEM - 1A (1-06)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client: EMS BLANK
Sample No.: 1-10-12
EMS Lab No.: _____
Page _____ of _____

RECEIVING

TYPE OF SAMPLE
Air ☐ Water ☑
Soil ☐ Bulk ☐
Other _____

METHOD OF ANALYSIS
EPA 600/4-83-043 ☑ ISO ☐

LEVEL OF ANALYSIS
Chrysotile CDCDQ
Amphibole ADQ

ASPECT RATIO
3:1 ☑ 5:1 ☐

LENGTHS
All Sizes (EPA) ☑
(µm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☐
≥10.0 ☐
PCM Range* ☐
*(≥0.25 µm width ≥5.0 µm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☐
PC ☑ 314 ☐
MCN ☐ 1017 ☑
Other _____

PORE SIZE
0.45 µm ☐ 0.8 µm ☐
0.1 µm ☑ 0.22 µm ☐
Other _____

G.O. Area (mm²) 0.0 094
No. of G.O. to Analyze 20

EPA/600/R-94/134 100.1 ☐ 100.2 ☐

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

Volume _____ liters
Working Volume 500 ml
Weight _____ grams
Ashed Area _____ %

Prepared By UK
Date 1-17-12

ANALYSIS

MICROSCOPE
H600A - Serial No. 542-36-01 ☐
H600B - Serial No. 542-05-06 ☐
H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM
Kevex - Model No. 3200-0106-0365 ☐
Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Address: A
Screen Magnification: 19200 X
Camera Constant: 29.1
Accelerating Voltage: 100KV
Beam Current: 10 µA
K-Factor: 1.5
Analyst [illegible] Date 1-17-12

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
B33	NSD																								
B36	NSD																								
C33	NSD																								
C36	NSD																								
E33	NSD																								
E36	NSD																								
F33	NSD																								
F36	NSD																								
G44	NSD																								
F44	NSD																								

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1A (1-08)

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TEM ASBESTOS ANALYSIS

Client: EMS BLANK
Sample No.: 1-10-12
EMS Lab No.: _____
Page _____ of _____

RECEIVING

ANALYSIS

Grid Address: B
Screen Magnification: 19200 X
Camera Constant: 297
Accelerating Voltage: 100KV
Beam Current: 10 µA
K-Factor: 1.5
Analyst: [illegible] Date: 1-17-12

MICROSCOPE

- H600A - Serial No. 542-36-01 ☑
- H600B - Serial No. 542-05-06 ☐
- H600C - Serial No. 542-24-03 ☐

ENERGY DISPERSIVE X-RAY SYSTEM

- Kevex - Model No. 3200-0106-0365 ☑
- Kevex - Model No. 3600-0206-0146 Quantum System ☐

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
B43	NSD																								
B46	NSD																								
C36	NSD																								
C34	NSD																								
H41	NSD																								
H44	NSD																								
F44	NSD																								
G36	NSD																								
H33	NSD																								
F34	NSD																								

TEM - 1B (1-08)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☑ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

EMS LABORATORIES 117 West Bellevue Drive • Pasadena, California 91105-2503 • (626) 568-4065

148819

Laboratory Submittal Form

Client:	FGL Environmental		
Address:	853 Corporation St.	Carrier:	ONTRAC
	Santa Paula, CA 93060		
Phone:	(805)392-2039		
Contact:	Cindy Aguirre		

Turnaround Time:	Standard	Sample Preservatives:	
Number of Samples:	4	Sampler's Name:	
Date & Time of Sample Collection:		Holding Times:	Signature:

Type: ☐ Water ☐ Waste Water ☐ Soil ☐ Filter ☐ Impinger ☐ Sorbent Tube ☐ Other

EMS Only			Analysis	
148819-1 to -4			TEM - MW	
	SEE ATTACHED FOR DETAILS			

148819

For EMS Only

Laboratory Number:		Received by:	Time: 10:05 10:10am
Date of Package Delivery:	1/10/2012	Shipping Bill Retained?	YES
Condition of Package on Receipt:	OK	Condition of Custody Seal:	NONE
Number of Samples:	4	Chain of Custody Signature:	
Disposition of Samples:	EMS LABS	Misc. Info:	SF 7/06

ENVIRONMENTAL

Special Subcontract to EMSL Laboratories, Inc.

CHAIN OF CUS 148819

Laboratory Copy (1 of 3)

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: (805)392-2039 Fax: (805)525-6264
Contact Person:
Project Name: CC1280085 - **(8-646)**
Purchase Order Number:
Quote Number: **CC 20110929-31**

Sampler(s): Paul Sorensen

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: ~~128~~

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontract - Asbestos-Drinking Water 32oz(P)
1	30S/10E-13L5	01/09	1015	G	MW				1
2	30S/11E-18L4		1145	G	MW				1
3	30S/11E-18C1		1240	G	MW				1
4	30S/11E-7Q1		1545	G	MW				1

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[illegible]	01/09/12	700						
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
ON TRUCK			[illegible]	01/10/12	1010			

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0182

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530/343-5818

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: 805/783-2940

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399

January 24, 2012

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Subject: Subcontract Analysis for FGL Lab No. CC 1280085

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontract - Dioxin-2,3,7,8-TCDD

Please note that this analysis was performed by Test America Sacramento (NELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2012-01-24

Enclosure

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica West Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: G2A110413
Client Project/Site: CC1280085-(8-646)

For:
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Attn: Cindy Aguirre

Bryanna Vandenberg

Authorized for release by:
1/24/2012 2:21:14 PM
Bryanna Vandenberg
Project Manager
bryanna.vandenberg@testamericainc.com

Designee for

Jeremy Sadler
Project Manager
jeremyr.sadler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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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
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

TestAmerica West Sacramento Project Number G2A110413

There are no anomalies associated with this project.

Detection Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Client Sample ID: 30S/10E-13L5 — Lab Sample ID: G2A110413001

No Detections

Client Sample ID: 30S/11E-18L4 — Lab Sample ID: G2A110413002

No Detections

Client Sample ID: 30S/11E-18C1 — Lab Sample ID: G2A110413003

No Detections

Client Sample ID: 30S/11E-7Q1 — Lab Sample ID: G2A110413004

No Detections

Client Sample Results

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Client Sample ID: 30S/10E-13L5

Lab Sample ID: G2A110413001
Date Collected: 01/09/12 10:15
Matrix: Water
Date Received: 01/10/12 09:00

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Analyte	Result	Qualifier	ML	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.0	pg/L		01/18/12 09:00	01/19/12 16:30	1

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*66*		*31 - 137*	*01/18/12 09:00*	*01/19/12 16:30*	*1*

Client Sample ID: 30S/11E-18L4

Lab Sample ID: G2A110413002
Date Collected: 01/09/12 11:45
Matrix: Water
Date Received: 01/10/12 09:00

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Analyte	Result	Qualifier	ML	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.0	pg/L		01/18/12 09:00	01/19/12 17:15	1

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*66*		*31 - 137*	*01/18/12 09:00*	*01/19/12 17:15*	*1*

Client Sample ID: 30S/11E-18C1

Lab Sample ID: G2A110413003
Date Collected: 01/09/12 12:40
Matrix: Water
Date Received: 01/10/12 09:00

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Analyte	Result	Qualifier	ML	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.0	pg/L		01/18/12 09:00	01/19/12 17:59	1

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*65*		*31 - 137*	*01/18/12 09:00*	*01/19/12 17:59*	*1*

Client Sample ID: 30S/11E-7Q1

Lab Sample ID: G2A110413004
Date Collected: 01/09/12 15:45
Matrix: Water
Date Received: 01/10/12 09:00

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Analyte	Result	Qualifier	ML	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.0	pg/L		01/18/12 09:00	01/19/12 18:44	1

Internal Standard	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*31 - 137*	*01/18/12 09:00*	*01/19/12 18:44*	*1*

Internal Standards Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Matrix: Water **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**TCDD (31-137)**						
G2A110413001	30S/10E-13L5	66						
G2A110413002	30S/11E-18L4	66						
G2A110413003	30S/11E-18C1	65						
G2A110413004	30S/11E-7Q1	64						
G2A180000074B	Method Blank	70						

Internal Standard Legend

TCDD = 13C-2,3,7,8-TCDD

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Matrix: Water **Prep Type: Total**

		Percent Internal Standard Recovery (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**TCDD (25-141)**						
G2A180000074C	Lab Control Sample	55						

Internal Standard Legend

TCDD = 13C-2,3,7,8-TCDD

QC Sample Results

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Method: 1613B-Tetras - Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)

Lab Sample ID: G2A180000074B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 2018074 — **Prep Batch: 2018074_P**

Analyte	MB Result	MB Qualifier	ML		Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.0		pg/L		01/18/12 09:00	01/19/12 15:46	1

Internal Standard	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*70*		*31 - 137*	*01/18/12 09:00*	*01/19/12 15:46*	*1*

Lab Sample ID: G2A180000074C — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 2018074 — **Prep Batch: 2018074_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,3,7,8-TCDD			200	249		pg/L		125	73 - 146		

Internal Standard	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*55*		*25 - 141*

QC Association Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Specialty Organics

Analysis Batch: 2018074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
G2A110413001	30S/10E-13L5	Total	Water	1613B-Tetras	
G2A110413002	30S/11E-18L4	Total	Water	1613B-Tetras	
G2A110413003	30S/11E-18C1	Total	Water	1613B-Tetras	
G2A110413004	30S/11E-7Q1	Total	Water	1613B-Tetras	
G2A180000074B	Method Blank	Total	Water	1613B-Tetras	
G2A180000074C	Lab Control Sample	Total	Water	1613B-Tetras	

Prep Batch: 2018074_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
G2A110413001	30S/10E-13L5	Total	Water	3510C	
G2A110413002	30S/11E-18L4	Total	Water	3510C	
G2A110413003	30S/11E-18C1	Total	Water	3510C	
G2A110413004	30S/11E-7Q1	Total	Water	3510C	
G2A180000074B	Method Blank	Total	Water	3510C	
G2A180000074C	Lab Control Sample	Total	Water	3510C	

Lab Chronicle

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Client Sample ID: 30S/10E-13L5 — Lab Sample ID: G2A110413001

Date Collected: 01/09/12 10:15 — **Matrix: Water**
Date Received: 01/10/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3510C			2018074_P	01/18/12 09:00	TL	TAL WSC
Total	Analysis	1613B-Tetras		1	2018074	01/19/12 16:30	SO	TAL WSC

Client Sample ID: 30S/11E-18L4 — Lab Sample ID: G2A110413002

Date Collected: 01/09/12 11:45 — **Matrix: Water**
Date Received: 01/10/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3510C			2018074_P	01/18/12 09:00	TL	TAL WSC
Total	Analysis	1613B-Tetras		1	2018074	01/19/12 17:15	SO	TAL WSC

Client Sample ID: 30S/11E-18C1 — Lab Sample ID: G2A110413003

Date Collected: 01/09/12 12:40 — **Matrix: Water**
Date Received: 01/10/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3510C			2018074_P	01/18/12 09:00	TL	TAL WSC
Total	Analysis	1613B-Tetras		1	2018074	01/19/12 17:59	SO	TAL WSC

Client Sample ID: 30S/11E-7Q1 — Lab Sample ID: G2A110413004

Date Collected: 01/09/12 15:45 — **Matrix: Water**
Date Received: 01/10/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3510C			2018074_P	01/18/12 09:00	TL	TAL WSC
Total	Analysis	1613B-Tetras		1	2018074	01/19/12 18:44	SO	TAL WSC

Laboratory References:

TAL WSC = TestAmerica West Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Certification Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica West Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica West Sacramento	Alaska	Alaska UST	10	UST-055
TestAmerica West Sacramento	Arizona	State Program	9	AZ0708
TestAmerica West Sacramento	Arkansas	State Program	6	88-0691
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAC	4	E87570
TestAmerica West Sacramento	Georgia	State Program	4	960
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAC	5	200060
TestAmerica West Sacramento	Kansas	NELAC	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAC	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAC	2	CA005
TestAmerica West Sacramento	New Mexico	State Program	6	N/A
TestAmerica West Sacramento	New York	NELAC	2	11666
TestAmerica West Sacramento	Oregon	NELAC	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAC	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAC	6	T104704399-08-TX
TestAmerica West Sacramento	US Fish & Wildlife	US Fish & Wildlife		LE148388-0
TestAmerica West Sacramento	USDA	USDA		P330-09-00055
TestAmerica West Sacramento	Utah	NELAC	8	QUAN1
TestAmerica West Sacramento	Virginia	State Program	3	178
TestAmerica West Sacramento	Washington	State Program	10	C581
TestAmerica West Sacramento	West Virginia	West Virginia DEP	3	334
TestAmerica West Sacramento	West Virginia	West Virginia DHHR (DW)	3	9930C
TestAmerica West Sacramento	Wisconsin	State Program	5	998204680
TestAmerica West Sacramento	Wyoming	State Program	8	8TMS-Q

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.

Method Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Method	Method Description	Protocol	Laboratory
1613B-Tetras	Dioxins/Furans, HRGC/HRMS (1613B-Tetras Only)	EPA-5	TAL WSC

Protocol References:

EPA-5 = EPA-5

Laboratory References:

TAL WSC = TestAmerica West Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: FGL Environmental
Project/Site: CC1280085-(8-646)

TestAmerica Job ID: G2A110413

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
G2A110413001	30S/10E-13L5	Water	01/09/12 10:15	01/10/12 09:00
G2A110413002	30S/11E-18L4	Water	01/09/12 11:45	01/10/12 09:00
G2A110413003	30S/11E-18C1	Water	01/09/12 12:40	01/10/12 09:00
G2A110413004	30S/11E-7Q1	Water	01/09/12 15:45	01/10/12 09:00

ENVIRONMENTAL

Special Subcontract to
Test America Sacramento

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

G2A110413

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Fruit Growers Laboratory, Inc.**
Address: FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

Phone: (805)392-2039 Fax: (805)525-6264
Contact Person:
Project Name: CC/A 80085 - **(8-646)**
Purchase Order Number:
Quote Number: **CC 20110929-31**

Sampler(s) Paul Sorensen

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number:

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontract - Dioxin-2,3,7,8-TCDD 1000ml(AGT)									
1	30S/10E-13L5			G	MW				2								
2	30S/11E-18L4			G	MW				2								
3	30S/11E-18C1			G	MW				2								
4	30S/11E-7Q1			G	MW				2								

Remarks: 3, 4°C

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
[illegible]	1/10/12	1015						

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000
FAX: 805/525-4172

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TEL: 209/942-0182
FAX: 209/942-0423

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Chico, CA 95926
TEL: 530/343-5818
FAX: 530/343-3807

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: 805/783-2940
FAX: 805/525-4172

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399
FAX: 559/734-8435

ENVIRONMENTAL

Special Subcontract to
Test America Sacramento

CHAIN OF CUSTODY
Customer Copy (2 of 3)

Client: [redacted] Growers Laboratory, Inc.
Address: [redacted] Environmental, Inc.
Corporation St.
nta Paula, CA 93060-3005

Phone: (805)392-2039 Fax: (805)525-6264
Contact Person:
Project Name: CC/280085 (8-646)
Purchase Order Number:
Quote Number: CC 20110929-31

Sampler(s) [redacted]

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number:

80659:01/09/2012

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontract - Dioxin-2,3,7,8-TCDD 1000ml(AGT)
1	30S/10E-13L5	1/9/12	1015	G	MW				2
2	30S/11E-18L4	1/9/12	1145	G	MW				2
3	30S/11E-18C1	1/9/12	1240	G	MW				2
4	30S/11E-7Q1	1/9/12	1545	G	MW				2

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805/392-2000

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209/942-0182

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530/343-5818
FAX: 530/343-3807

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: 805/783-2940
FAX: 805/525-4172

Field Office
Visalia, California
TEL: 559/734-9473
Mobile: 559/737-2399
FAX: 559/734-8435

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT FGL PM JS

LOT# (QUANTIMS ID) G2A110413 QUOTE# 30647 LOCATION W20B

Checked (✓)

DATE RECEIVED 1/10/12 TIME RECEIVED 805 ☑

DELIVERED BY ☐ FEDEX ☑ ON TRAC ☐ OTHER

☐ GOLDENSTATE ☐ UPS ☐ EZ PARCEL

☐ TAL COURIER ☐ TAL SF ☐ CLIENT ☑

SHIPPPING CONTAINER(S) ☐ TAL ☑ CLIENT ☐ N/A

MULIT-COOLER(S) (If checked see multi-cooler form) ☑

SINGLE COOLER INFORMATION N/A

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☐ N/A ☑ ☐

CUSTODY SEAL #(S) _____

COC #(S) _____ ☑ ☐

TEMPERATURE BLANK Observed:_____ Corrected:_____

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed:_____ Average_____ Corrected Average_____

LABORATORY THERMOMETER ID:

IR UNIT: #4 ☐ #5☐ ☐ OTHER_____ ☑ ☐

	Initials	Date
	JS	1/10/12

==========

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A ☑

LABELED BY..... CH ☑

LOGGED IN BY..... JS ☑

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING ☑

WETCHEM ☑ N/A ☑

VOA-ENCORES ☑ N/A ☑

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A ☑

☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A ☑

☐ CLOUSEAU ☐ TEMPERATURE EXCEEDED (0 °C – 6 °C)*1 ☑ N/A

☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED

	Initials	Date
	JS	1/10/12

Notes_____

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

MULTI COOLER RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT: FGL LOT# (QUANTIMS ID): G2A110413

Checked (✓)

COOLER ID **AIRBILL/TRACKING #** D10010441066598 ☑
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A ☑
CUSTODY SEAL #(S) NA ☑
COC #(S) NA
SHIPPPING CONTAINER(S) ☐ TAL ☑ CLIENT ☐ N/A ☑
TEMPERATURE BLANK: OBSERVED: NA CORRECTED NA ☑
SAMPLE TEMPERATURE:
OBSERVED: 3,4,4 AVERAGE: 4 CORRECTED 4 ☑
SAMPLES / TESTS (IF NCM REQUIRED): ☑
LABORATORY THERMOMETER ID:
IR UNIT: #4☑ #5☐ ☐ OTHER

COOLER ID **AIRBILL/TRACKING #** D1001044106549 ☑ Initials JS
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A ☑
CUSTODY SEAL #(S) NA ☑
COC #(S) NA
SHIPPPING CONTAINER(S) ☐ TAL ☑ CLIENT ☐ N/A ☑
TEMPERATURE BLANK: OBSERVED: NA CORRECTED NA ☑
SAMPLE TEMPERATURE:
OBSERVED: 3,3,3 AVERAGE: 3 CORRECTED 3 ☑
SAMPLES / TESTS (IF NCM REQUIRED): ☑
LABORATORY THERMOMETER ID:
IR UNIT: #4☑ #5☐ ☐ OTHER ☑

COOLER ID **AIRBILL/TRACKING #** ☐ Initials JS
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☐ N/A ☐
CUSTODY SEAL #(S) ☐
COC #(S)
SHIPPPING CONTAINER(S) ☐ TAL ☐ CLIENT ☐ N/A ☐
TEMPERATURE BLANK: OBSERVED: CORRECTED ☐
SAMPLE TEMPERATURE:
OBSERVED: AVERAGE: CORRECTED ☐
SAMPLES / TESTS (IF NCM REQUIRED): ☐
LABORATORY THERMOMETER ID:
IR UNIT: #4☐ #5☐ ☐ OTHER ☐

JS 1/10/12
Initials **Date**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: G2A110413

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
VOAmeoh																				
AGB	2	2	2	2																
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
125AGJmeoh																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

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On Time Delivery For Less

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ontrac.com

D10010441065649

Date Printed 1/9/2012

Tracking#D10010441065649

Shipped From:
FGL
3442 EMPRESA D
SAN LUIS OBISPO, CA 93401

Sent By: MARY JANSON
Phone#: (805)535-5302
wgt(lbs): 32
Reference: 20120109JK
Reference 2:

Ship To Company:	*Service:* **S**
TEST AMERICA **880 RIVERSIDE PARK WAY** **WEST SACRAMENTO, CA 95605** **JILL KELLMANN (916)374-4381**	*Sort Code:* **SAC** *Special Services:*

OnTrac
On Time Delivery For Less

800.334.5000
ontrac.com

D10010441066598

Date Printed 1/9/2012

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wgt(lbs): 32
Reference: 20120109JK
Reference 2:

Ship To Company:	*Service:* **S**
TEST AMERICA **880 RIVERSIDE PARK WAY** **WEST SACRAMENTO, CA 95605** **JILL KELLMANN (916)374-4381**	*Sort Code:* **SAC** *Special Services:*

January 27, 2012

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Lab ID : CC 1280085
Customer : 8-646

Laboratory Report

Introduction: This report package contains total of 69 pages divided into 3 sections:

Case Narrative	(3 pages)	: An overview of the work performed at FGL.
Sample Results	(20 pages)	: Results for each sample submitted.
Quality Control	(46 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
30S/10E-13L5	01/09/2012	01/09/2012	CC 1280085-001	MW
30S/11E-18L4	01/09/2012	01/09/2012	CC 1280085-002	MW
30S/11E-18C1	01/09/2012	01/09/2012	CC 1280085-003	MW
30S/11E-7Q1	01/09/2012	01/09/2012	CC 1280085-004	MW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	01/14/2012:200698 All analysis quality controls are within established criteria.
200.8	01/20/2012:201032 All analysis quality controls are within established criteria.
	01/26/2012:201369 All analysis quality controls are within established criteria.
245.1	01/17/2012:200853 All analysis quality controls are within established criteria.
3010	01/12/2012:200427 All preparation quality controls are within established criteria, except: The following note applies to Copper, Zinc: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	01/13/2012:200477 All preparation quality controls are within established criteria.

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FAX: (559)734-8435

Inorganic - Metals QC

3500CrD	01/19/2012:200942 All analysis quality controls are within established criteria.
7196A	01/19/2012:200730 All preparation quality controls are within established criteria.
7470	01/16/2012:200580 All preparation quality controls are within established criteria.

Organic QC

608	01/20/2012:200943 All analysis quality controls are within established criteria, except: The following note applies to Endrin Aldehyde: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Tetrachloro-m-xylene: 362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
624	01/11/2012:200573 All analysis quality controls are within established criteria.
	01/12/2012:200573 All analysis quality controls are within established criteria.
	01/11/2012:200450 All preparation quality controls are within established criteria, except: The following note applies to 2-Chloroethylvinyl ether, Vinyl Acetate, trans-1,3-Dichloropropene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,2-Dichloropropane, Dibromochloromethane, Chloroform, Carbon Disulfide, Dich: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
625	01/26/2012:201416 All analysis quality controls are within established criteria, except: The following note applies to Benzidine, 3,3-Dichlorobenzidine: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	01/11/2012:200374 All preparation quality controls are within established criteria, except: The following note applies to bis(2-Ethylhexyl)phthalate: 210 The method blank was positive. However, samples reported were either ten times greater than the blank concentration or non detect and accepted. The following note applies to 2-Fluorobiphenyl, Benzidine, Hexachlorocyclopentadiene, Nitrobenzene-d5, Isophorone: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Fluorobiphenyl, 2-Fluorophenol,: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Benzidine, Hexachlorocyclopentadiene: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
8081A	01/13/2012:200509 All preparation quality controls are within established criteria, except:

January 27, 2012 Lab ID : CC 1280085
Fugro West, Inc. Customer : 8-646

Organic QC

8081A	The following note applies to Endrin, Methoxychlor: 436 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery. The following note applies to Aldrin, Beta BHC, Delta BHC, Dieldrin, Endosulfan I, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Endrin: 320 LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.

Inorganic - Wet Chemistry QC

2510B	01/10/2012:200470 All analysis quality controls are within established criteria.
	01/10/2012:200359 All preparation quality controls are within established criteria.
4500CNCE	01/18/2012:200885 All analysis quality controls are within established criteria.
	01/23/2012:201109 All analysis quality controls are within established criteria.
9010B	01/17/2012:200606 All preparation quality controls are within established criteria.
	01/23/2012:200795 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2012-01-27

January 27, 2012

Lab ID : CC 1280085-001
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-10:15
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/10E-13L5
Project : Groundwater Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total[P:1'5]								
Antimony	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/26/12:201369
Arsenic	0.002	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Beryllium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Cadmium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium	0.001	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium VI	ND	0.01	mg/L		7196A	01/19/12:200730	3500CrD	01/19/12:200942
Copper	0.001	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Total Hardness as CaCO3	98.3	2.5	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Calcium	13	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Magnesium	16	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Lead	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Mercury	ND	0.00002	mg/L		7470	01/16/12:200580	245.1	01/17/12:200853
Nickel	0.019	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Selenium	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Silver	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Thallium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Zinc	ND	0.01	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium III	0.001	0.001	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Wet Chemistry[P:1'10]								
Conductivity	833	1	umhos/cm		2510B	01/10/12:200359	2510B	01/10/12:200470
Cyanide, Total	ND	0.004	mg/L		9010B	01/17/12:200606	4500CNCE	01/18/12:200885

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

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January 27, 2012

Lab ID : CC 1280085-001
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-10:15
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/10E-13L5
Project : Groundwater Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 608[AGT:1]								
Tetrachloro-m-xylene‡	62.0	2-119	%		8081A	01/13/12:200509	608	01/20/12:200943
Aldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Alpha BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Beta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Delta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Gamma BHC (Lindane)	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Chlordane	ND	2	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDD	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDE	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDT	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Dieldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan I	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan II	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan Sulfate	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin Aldehyde	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor Epoxide	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Methoxychlor	ND	0.1	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Toxaphene	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1016	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1221	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1232	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1242	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1248	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1254	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1260	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
EPA 624[VOA:1'3]								
4-Bromofluorobenzene‡	103	85-144	%		624	01/11/12:200450	624	01/11/12:200573
Fluorobenzene‡	105	38-182	%		624	01/11/12:200450	624	01/11/12:200573
Pentafluorobenzene‡	105	36-180	%		624	01/11/12:200450	624	01/11/12:200573
Acetone	ND	25	ug/L		624	01/11/12:200450	624	01/11/12:200573
Acrolein	ND	5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Acrylonitrile	ND	2	ug/L		624	01/11/12:200450	624	01/11/12:200573
Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573

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Mobile: (559)737-2399
FAX: (559)734-8435

January 27, 2012 Lab ID : CC 1280085-001
Description : 30S/10E-13L5 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Bromodichloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Bromoform	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Bromomethane	ND	1	ug/L		624	01/11/12:200450	624	01/11/12:200573
2-Butanone (MEK)	ND	40	ug/L		624	01/11/12:200450	624	01/11/12:200573
Carbon Disulfide	ND	5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Carbon Tetrachloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Chlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Chloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
2-Chloroethylvinyl ether	ND	10	ug/L		624	01/11/12:200450	624	01/11/12:200573
Chloroform	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Chloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Dibromochloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,2-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,3-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,4-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,1-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,2-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,1-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
trans-1,2-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,2-Dichloropropane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
cis-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
trans-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Ethyl Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
2-Hexanone	ND	30	ug/L		624	01/11/12:200450	624	01/11/12:200573
4-Methyl-2-pentanone (MIBK)	ND	30	ug/L		624	01/11/12:200450	624	01/11/12:200573
Methylene Chloride	ND	2	ug/L		624	01/11/12:200450	624	01/11/12:200573
Methyl tert-Butyl Ether (MTBE)	ND	5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Styrene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Tetrachloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Toluene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,1,1-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
1,1,2-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Trichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Trichlorofluoromethane	ND	2	ug/L		624	01/11/12:200450	624	01/11/12:200573
Vinyl Acetate	ND	100	ug/L		624	01/11/12:200450	624	01/11/12:200573
Vinyl Chloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Xylenes m,p	ND	1	ug/L		624	01/11/12:200450	624	01/11/12:200573

January 27, 2012 Lab ID : CC 1280085-001
Description : 30S/10E-13L5 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Xylenes o	ND	0.5	ug/L		624	01/11/12:200450	624	01/11/12:200573
Xylenes	ND	1	ug/L		624	01/11/12:200450	624	01/11/12:200573
EPA 625[AGT:1]								
2-Fluorobiphenyl‡	43.9	11-119	%		625	01/11/12:200374	625	01/26/12:201416
2-Fluorophenol‡	42.2	13-124	%		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene-d5‡	51.4	15-102	%		625	01/11/12:200374	625	01/26/12:201416
Phenol-d6‡	46.7	5-116	%		625	01/11/12:200374	625	01/26/12:201416
p-Terphenyl-d14‡	57.8	16-122	%		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Tribromophenol‡	55.3	13-153	%		625	01/11/12:200374	625	01/26/12:201416
Acenaphthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Acenaphthylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzidine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(b)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(k)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(g,h,i)perylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Bromophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Butylbenzylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethoxy)methane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroisopropyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Ethylhexyl)phthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chloro-3-methylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chloronaphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chlorophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Chrysene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Dibenzo(a,h)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-butylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,3-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,4-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
3,3'-Dichlorobenzidine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dichlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Diethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dimethylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416

January 27, 2012 Lab ID : CC 1280085-001
Description : 30S/10E-13L5 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 625[AGT:1]								
Dimethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4,6-Dinitro-2-methylphenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrophenol	ND	5	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,6-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-octylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluorene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobutadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorocyclopentadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachloroethane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Indeno(1,2,3-c,d)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Isophorone	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Naphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodimethylamine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodiphenylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodi-n-propylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pentachlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenanthrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyridine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2,4-Trichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Trichlorophenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Diphenylhydrazine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

January 27, 2012

Lab ID : CC 1280085-002
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-11:45
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-18L4
Project : Groundwater Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total[P:1'5]								
Antimony	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/26/12:201369
Arsenic	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Beryllium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Cadmium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium	0.003	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium VI	ND	0.01	mg/L		7196A	01/19/12:200730	3500CrD	01/19/12:200942
Copper	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Total Hardness as CaCO3	259	2.5	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Calcium	46	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Magnesium	35	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Lead	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Mercury	ND	0.00002	mg/L		7470	01/16/12:200580	245.1	01/17/12:200853
Nickel	0.014	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Selenium	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Silver	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Thallium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Zinc	ND	0.01	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium III	0.003	0.001	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Wet Chemistry[P:1'10]								
Conductivity	858	1	umhos/cm		2510B	01/10/12:200359	2510B	01/10/12:200470
Cyanide, Total	ND	0.004	mg/L		9010B	01/17/12:200606	4500CNCE	01/18/12:200885

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

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January 27, 2012

Lab ID : CC 1280085-002
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-11:45
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-18L4
Project : Groundwater Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 608[AGT:1]								
Tetrachloro-m-xylene‡	64.7	2-119	%		8081A	01/13/12:200509	608	01/20/12:200943
Aldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Alpha BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Beta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Delta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Gamma BHC (Lindane)	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Chlordane	ND	2	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDD	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDE	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDT	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Dieldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan I	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan II	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan Sulfate	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin Aldehyde	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor Epoxide	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Methoxychlor	ND	0.1	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Toxaphene	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1016	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1221	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1232	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1242	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1248	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1254	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1260	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
EPA 624[VOA:1'3]								
4-Bromofluorobenzene‡	99.0	85-144	%		624	01/11/12:200450	624	01/12/12:200573
Fluorobenzene‡	107	38-182	%		624	01/11/12:200450	624	01/12/12:200573
Pentafluorobenzene‡	112	36-180	%		624	01/11/12:200450	624	01/12/12:200573
Acetone	ND	25	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrolein	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrylonitrile	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573

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January 27, 2012 Lab ID : CC 1280085-002
Description : 30S/11E-18L4 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Bromodichloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromoform	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromomethane	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Butanone (MEK)	ND	40	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Disulfide	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Tetrachloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Chloroethylvinyl ether	ND	10	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroform	0.7	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloromethane	0.8	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Dibromochloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,3-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,4-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,2-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloropropane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
cis-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Ethyl Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Hexanone	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
4-Methyl-2-pentanone (MIBK)	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methylene Chloride	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methyl tert-Butyl Ether (MTBE)	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Styrene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Tetrachloroethylene	4.5	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Toluene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,1-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichlorofluoromethane	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Acetate	ND	100	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Chloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes m,p	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573

January 27, 2012 Lab ID : CC 1280085-002
Description : 30S/11E-18L4 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Xylenes o	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
EPA 625[AGT:1]								
2-Fluorobiphenyl‡	42.9	11-119	%		625	01/11/12:200374	625	01/26/12:201416
2-Fluorophenol‡	45.2	13-124	%		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene-d5‡	50.1	15-102	%		625	01/11/12:200374	625	01/26/12:201416
Phenol-d6‡	49.0	5-116	%		625	01/11/12:200374	625	01/26/12:201416
p-Terphenyl-d14‡	58.5	16-122	%		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Tribromophenol‡	56.8	13-153	%		625	01/11/12:200374	625	01/26/12:201416
Acenaphthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Acenaphthylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzidine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(b)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(k)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(g,h,i)perylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Bromophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Butylbenzylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethoxy)methane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroisopropyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Ethylhexyl)phthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chloro-3-methylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chloronaphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chlorophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Chrysene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Dibenzo(a,h)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-butylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,3-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,4-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
3,3'-Dichlorobenzidine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dichlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Diethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dimethylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416

January 27, 2012 Lab ID : CC 1280085-002
Description : 30S/11E-18L4 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 625[AGT:1]								
Dimethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4,6-Dinitro-2-methylphenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrophenol	ND	5	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,6-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-octylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluorene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobutadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorocyclopentadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachloroethane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Indeno(1,2,3-c,d)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Isophorone	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Naphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodimethylamine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodiphenylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodi-n-propylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pentachlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenanthrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyridine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2,4-Trichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Trichlorophenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Diphenylhydrazine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

January 27, 2012

Lab ID : CC 1280085-003
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-12:40
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-18C1
Project : Groundwater Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total[P:1'5]								
Antimony	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/26/12:201369
Arsenic	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Beryllium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Cadmium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium	0.005	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium VI	ND	0.01	mg/L		7196A	01/19/12:200730	3500CrD	01/19/12:200942
Copper	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Total Hardness as CaCO3	213	2.5	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Calcium	36	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Magnesium	30	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Lead	0.0003	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Mercury	ND	0.00002	mg/L		7470	01/16/12:200580	245.1	01/17/12:200853
Nickel	0.015	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Selenium	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Silver	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Thallium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Zinc	ND	0.01	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium III	0.005	0.001	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Wet Chemistry[P:1'10]								
Conductivity	845	1	umhos/cm		2510B	01/10/12:200359	2510B	01/10/12:200470
Cyanide, Total	ND	0.004	mg/L		9010B	01/17/12:200606	4500CNCE	01/18/12:200885

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

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FAX: (559)734-8435

January 27, 2012

Lab ID : CC 1280085-003
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-12:40
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-18C1
Project : Groundwater Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 608[AGT:1]								
Tetrachloro-m-xylene‡	50.6	2-119	%		8081A	01/13/12:200509	608	01/20/12:200943
Aldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Alpha BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Beta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Delta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Gamma BHC (Lindane)	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Chlordane	ND	2	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDD	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDE	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDT	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Dieldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan I	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan II	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan Sulfate	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin Aldehyde	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor Epoxide	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Methoxychlor	ND	0.1	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Toxaphene	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1016	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1221	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1232	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1242	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1248	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1254	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1260	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
EPA 624[VOA:1'3]								
4-Bromofluorobenzene‡	96.8	85-144	%		624	01/11/12:200450	624	01/12/12:200573
Fluorobenzene‡	107	38-182	%		624	01/11/12:200450	624	01/12/12:200573
Pentafluorobenzene‡	112	36-180	%		624	01/11/12:200450	624	01/12/12:200573
Acetone	ND	25	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrolein	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrylonitrile	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573

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January 27, 2012 Lab ID : CC 1280085-003
Description : 30S/11E-18C1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Bromodichloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromoform	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromomethane	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Butanone (MEK)	ND	40	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Disulfide	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Tetrachloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Chloroethylvinyl ether	ND	10	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroform	0.9	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloromethane	0.8	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Dibromochloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,3-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,4-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,2-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloropropane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
cis-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Ethyl Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Hexanone	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
4-Methyl-2-pentanone (MIBK)	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methylene Chloride	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methyl tert-Butyl Ether (MTBE)	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Styrene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Tetrachloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Toluene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,1-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichlorofluoromethane	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Acetate	ND	100	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Chloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes m,p	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573

January 27, 2012 Lab ID : CC 1280085-003
Description : 30S/11E-18C1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Xylenes o	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
EPA 625[AGT:1]								
2-Fluorobiphenyl‡	59.8	11-119	%		625	01/11/12:200374	625	01/26/12:201416
2-Fluorophenol‡	57.7	13-124	%		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene-d5‡	67.6	15-102	%		625	01/11/12:200374	625	01/26/12:201416
Phenol-d6‡	60.2	5-116	%		625	01/11/12:200374	625	01/26/12:201416
p-Terphenyl-d14‡	72.5	16-122	%		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Tribromophenol‡	70.7	13-153	%		625	01/11/12:200374	625	01/26/12:201416
Acenaphthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Acenaphthylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzidine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(b)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(k)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(g,h,i)perylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Bromophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Butylbenzylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethoxy)methane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroisopropyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Ethylhexyl)phthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chloro-3-methylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chloronaphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chlorophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Chrysene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Dibenzo(a,h)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-butylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,3-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,4-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
3,3'-Dichlorobenzidine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dichlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Diethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dimethylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416

January 27, 2012 Lab ID : CC 1280085-003
Description : 30S/11E-18C1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 625[AGT:1]								
Dimethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4,6-Dinitro-2-methylphenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrophenol	ND	5	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,6-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-octylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluorene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobutadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorocyclopentadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachloroethane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Indeno(1,2,3-c,d)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Isophorone	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Naphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodimethylamine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodiphenylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodi-n-propylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pentachlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenanthrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyridine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2,4-Trichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Trichlorophenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Diphenylhydrazine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

January 27, 2012

Lab ID : CC 1280085-004
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-15:45
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-7Q1
Project : Groundwater Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total[P:1'5]								
Antimony	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/26/12:201369
Arsenic	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Beryllium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Cadmium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium	0.001	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium VI	ND	0.01	mg/L		7196A	01/19/12:200730	3500CrD	01/19/12:200942
Copper	0.001	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Total Hardness as CaCO3	246	2.5	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Calcium	44	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Magnesium	33	1	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Lead	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Mercury	0.00003	0.00002	mg/L		7470	01/16/12:200580	245.1	01/17/12:200853
Nickel	0.018	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Selenium	ND	0.002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Silver	ND	0.001	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Thallium	ND	0.0002	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Zinc	ND	0.01	mg/L		3010	01/12/12:200427	200.8	01/20/12:201032
Chromium III	0.001	0.001	mg/L		3010	01/13/12:200477	200.7	01/14/12:200698
Wet Chemistry[P:1'10]								
Conductivity	1040	1	umhos/cm		2510B	01/10/12:200359	2510B	01/10/12:200470
Cyanide, Total	ND	0.004	mg/L		9010B	01/23/12:200795	4500CNCE	01/23/12:201109

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

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January 27, 2012

Lab ID : CC 1280085-004
Customer ID : 8-646

Fugro West, Inc.
Attn: Paul Sorensen
660 Clarion Court, Suite A
San Luis Obispo, CA 93401

Sampled On : January 9, 2012-15:45
Sampled By : Paul Sorensen
Received On : January 9, 2012-16:31
Matrix : Monitoring Well

Description : 30S/11E-7Q1
Project : Groundwater Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 608[AGT:1]								
Tetrachloro-m-xylene‡	51.5	2-119	%		8081A	01/13/12:200509	608	01/20/12:200943
Aldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Alpha BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Beta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Delta BHC	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Gamma BHC (Lindane)	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Chlordane	ND	2	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDD	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDE	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
4,4 - DDT	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Dieldrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan I	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan II	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endosulfan Sulfate	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Endrin Aldehyde	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Heptachlor Epoxide	ND	0.05	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Methoxychlor	ND	0.1	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
Toxaphene	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1016	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1221	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1232	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1242	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1248	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1254	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
PCB 1260	ND	0.5	ug/L		8081A	01/13/12:200509	608	01/20/12:200943
EPA 624[VOA:1'3]								
4-Bromofluorobenzene‡	99.1	85-144	%		624	01/11/12:200450	624	01/12/12:200573
Fluorobenzene‡	108	38-182	%		624	01/11/12:200450	624	01/12/12:200573
Pentafluorobenzene‡	111	36-180	%		624	01/11/12:200450	624	01/12/12:200573
Acetone	ND	25	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrolein	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Acrylonitrile	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573

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January 27, 2012 Lab ID : CC 1280085-004
Description : 30S/11E-7Q1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Bromodichloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromoform	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Bromomethane	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Butanone (MEK)	ND	40	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Disulfide	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Carbon Tetrachloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Chloroethylvinyl ether	ND	10	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloroform	0.9	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Chloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Dibromochloromethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,3-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,4-Dichlorobenzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,2-Dichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,2-Dichloropropane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
cis-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
trans-1,3-Dichloropropene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Ethyl Benzene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
2-Hexanone	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
4-Methyl-2-pentanone (MIBK)	ND	30	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methylene Chloride	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Methyl tert-Butyl Ether (MTBE)	ND	5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Styrene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Tetrachloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Toluene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,1-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
1,1,2-Trichloroethane	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichloroethylene	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Trichlorofluoromethane	ND	2	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Acetate	ND	100	ug/L		624	01/11/12:200450	624	01/12/12:200573
Vinyl Chloride	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes m,p	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573

January 27, 2012 Lab ID : CC 1280085-004
Description : 30S/11E-7Q1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 624[VOA:1'3]								
Xylenes o	ND	0.5	ug/L		624	01/11/12:200450	624	01/12/12:200573
Xylenes	ND	1	ug/L		624	01/11/12:200450	624	01/12/12:200573
EPA 625[AGT:1]								
2-Fluorobiphenyl‡	29.4	11-119	%		625	01/11/12:200374	625	01/26/12:201416
2-Fluorophenol‡	2.8	13-124	%		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene-d5‡	31.7	15-102	%		625	01/11/12:200374	625	01/26/12:201416
Phenol-d6‡	11.0	5-116	%		625	01/11/12:200374	625	01/26/12:201416
p-Terphenyl-d14‡	49.9	16-122	%		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Tribromophenol‡	9.0	13-153	%		625	01/11/12:200374	625	01/26/12:201416
Acenaphthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Acenaphthylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzidine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(b)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(k)fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(g,h,i)perylene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Benzo(a)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Bromophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Butylbenzylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethoxy)methane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroethyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Chloroisopropyl)ether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
bis(2-Ethylhexyl)phthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chloro-3-methylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chloronaphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Chlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Chlorophenylphenylether	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Chrysene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Dibenzo(a,h)anthracene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-butylphthalate	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,3-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,4-Dichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
3,3'-Dichlorobenzidine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dichlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Diethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dimethylphenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416

January 27, 2012 Lab ID : CC 1280085-004
Description : 30S/11E-7Q1 Customer ID : 8-646

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 625[AGT:1]								
Dimethylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
4,6-Dinitro-2-methylphenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrophenol	ND	5	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,6-Dinitrotoluene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Di-n-octylphthalate	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluoranthene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Fluorene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorobutadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachlorocyclopentadiene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Hexachloroethane	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Indeno(1,2,3-c,d)pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Isophorone	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Naphthalene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Nitrobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
4-Nitrophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodimethylamine	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodiphenylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
N-Nitrosodi-n-propylamine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pentachlorophenol	ND	2	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenanthrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Phenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyrene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
Pyridine	ND	10	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2,4-Trichlorobenzene	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
2,4,6-Trichlorophenol	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416
1,2-Diphenylhydrazine	ND	1	ug/L		625	01/11/12:200374	625	01/26/12:201416

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (AGT) Amber Glass TFE-Cap, (P) Plastic, (VFS) VOA w/Filters+Syringes, (VOA) VOA Preservatives: NaOH, HNO3 pH < 2, (NH4)2SO4,NH4OH, HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Calcium	200.7	01/14/12:200698AC	CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		-0.003	1.0	
			CCV	ppm	25.00	101 %	90-110	
			CCB	ppm		-0.004	1.0	
Chromium	200.7	01/14/12:200698AC	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		-0.0011	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0002	0.01	
Magnesium	200.7	01/14/12:200698AC	CCV	ppm	25.00	99.1 %	90-110	
			CCB	ppm		0.007	1.0	
			CCV	ppm	25.00	98.9 %	90-110	
			CCB	ppm		0.007	1.0	
Antimony	200.8	01/26/12:201369EMV	CCV	ppb	120.0	93.1 %	90-110	
			CCB	ppb		0.84	1	
			CCV	ppb	120.0	90.4 %	90-110	
			CCB	ppb		3.09	1	
Arsenic	200.8	01/20/12:201032AC	CCV	ppb	120.0	96.0 %	90-110	
			CCB	ppb		0.04	2	
			CCV	ppb	120.0	97.0 %	90-110	
			CCV	ppb	120.0	97.2 %	90-110	
			CCB	ppb		0.16	2	
			CCB	ppb		0.06	2	
			CCV	ppb	120.0	97.4 %	90-110	
			CCB	ppb		0.23	2	
Beryllium	200.8	01/20/12:201032AC	CCV	ppb	120.0	96.4 %	90-110	
			CCB	ppb		0.01	0.2	
			CCV	ppb	120.0	97.0 %	90-110	
			CCV	ppb	120.0	96.1 %	90-110	
			CCB	ppb		0.069	0.2	
			CCB	ppb		0.013	0.2	
			CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.108	0.2	
Cadmium	200.8	01/20/12:201032AC	CCV	ppb	120.0	98.1 %	90-110	
			CCB	ppb		0.008	0.2	
			CCV	ppb	120.0	101 %	90-110	
			CCV	ppb	120.0	99.4 %	90-110	
			CCB	ppb		0.071	0.2	
			CCB	ppb		0.011	0.2	
			CCV	ppb	120.0	99.0 %	90-110	
			CCB	ppb		0.090	0.2	
Chromium	200.8	01/20/12:201032AC	CCV	ppb	120.0	99.8 %	90-110	
			CCB	ppb		0.001	1	
			CCV	ppb	120.0	100 %	90-110	
			CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.07	1	
			CCB	ppb		0.02	1	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.11	1	
Copper	200.8	01/20/12:201032AC	CCV	ppb	120.0	99.6 %	90-110	
			CCB	ppb		0.03	1	
			CCV	ppb	120.0	101 %	90-110	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.11	1	
			CCB	ppb		0.04	1	
			CCV	ppb	120.0	101 %	90-110	

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January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Copper	200.8	01/20/12:201032AC	CCB	ppb		0.14	1	
Lead	200.8	01/20/12:201032AC	CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.001	0.2	
			CCV	ppb	120.0	101 %	90-110	
			CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.047	0.2	
			CCB	ppb		-0.007	0.2	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.083	0.2	
Nickel	200.8	01/20/12:201032AC	CCV	ppb	120.0	100 %	90-110	
			CCB	ppb		0.03	1	
			CCV	ppb	120.0	101 %	90-110	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.12	1	
			CCB	ppb		0.01	1	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.16	1	
Selenium	200.8	01/20/12:201032AC	CCV	ppb	120.0	95.4 %	90-110	
			CCB	ppb		0.12	2	
			CCV	ppb	120.0	97.3 %	90-110	
			CCV	ppb	120.0	97.4 %	90-110	
			CCB	ppb		0.18	2	
			CCB	ppb		0.16	2	
			CCV	ppb	120.0	97.5 %	90-110	
			CCB	ppb		0.31	2	
Silver	200.8	01/20/12:201032AC	CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.01	1	
			CCV	ppb	120.0	102 %	90-110	
			CCV	ppb	120.0	101 %	90-110	
			CCB	ppb		0.07	1	
			CCB	ppb		0.01	1	
			CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		0.11	1	
Thallium	200.8	01/20/12:201032AC	CCV	ppb	120.0	99.2 %	90-110	
			CCB	ppb		0.011	0.2	
			CCV	ppb	120.0	99.8 %	90-110	
			CCV	ppb	120.0	99.3 %	90-110	
			CCB	ppb		0.061	0.2	
			CCB	ppb		0.006	0.2	
			CCV	ppb	120.0	99.9 %	90-110	
			CCB	ppb		0.098	0.2	
Zinc	200.8	01/20/12:201032AC	CCV	ppb	120.0	95.7 %	90-110	
			CCB	ppb		0.8	10	
			CCV	ppb	120.0	98.4 %	90-110	
			CCV	ppb	120.0	97.8 %	90-110	
			CCB	ppb		1.1	10	
			CCB	ppb		0.8	10	
			CCV	ppb	120.0	96.7 %	90-110	
			CCB	ppb		1.2	10	
Mercury	245.1	01/17/12:200853AC	ICV	ppt	200.0	98.6 %	90-110	
			ICB	ppt		2.6	20	
			CCV	ppt	199.8	101 %	90-110	
			CCB	ppt		1.6	20	
Antimony	3010	01/12/12:200427amb	Blank	ug/L		ND	<1	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Antimony	3010	01/12/12:200427amb	LCS	ug/L	24.00	99.3 %	85-115	
			MS	ug/L	24.00	99.8 %	75-125	
		(CC 1280062-001)	MSD	ug/L	24.00	112 %	75-125	
			MSRPD	ug/L	39.94	10.9%	≤20.0	
			PDS	ug/L	24.00	91.8 %	75-125	
Arsenic	3010	01/12/12:200427amb	Blank	ug/L		ND	<2	
			LCS	ug/L	40.00	91.6 %	85-115	
			MS	ug/L	40.00	88.9 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.00	96.1 %	75-125	
			MSRPD	ug/L	39.94	7.5%	≤20	
			PDS	ug/L	40.00	93.6 %	75-125	
Beryllium	3010	01/12/12:200427amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.14	91.4 %	85-115	
			MS	ug/L	40.14	86.9 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.14	92.8 %	75-125	
			MSRPD	ug/L	39.94	6.5%	≤20.0	
			PDS	ug/L	40.14	90.7 %	75-125	
Cadmium	3010	01/12/12:200427amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	92.5 %	85-115	
			MS	ug/L	40.00	92.2 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.00	102 %	75-125	
			MSRPD	ug/L	39.94	9.9%	≤20	
			PDS	ug/L	40.00	99.0 %	75-125	
Calcium	3010	01/13/12:200477amb	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	103 %	85-115	
			MS	mg/L	12.00	108 %	75-125	
		(CC 1280085-001)	MSD	mg/L	12.00	114 %	75-125	
			MSRPD	mg/L	0.7988	2.3%	≤20.0	
			PDS	mg/L	12.00	131 %	75-125	P
Chromium	3010	01/12/12:200427amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	101 %	85-115	
			MS	ug/L	40.00	82.4 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.00	97.3 %	75-125	
			MSRPD	ug/L	39.94	11.7%	≤20	
			PDS	ug/L	40.00	88.4 %	75-125	
	3010	01/13/12:200477amb	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	103 %	85-115	
			MS	mg/L	0.8000	109 %	75-125	
		(CC 1280085-001)	MSD	mg/L	0.8000	111 %	75-125	
			MSRPD	mg/L	0.7988	1.6%	≤20	
			PDS	mg/L	0.8000	142 %	75-125	P
Copper	3010	01/12/12:200427amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	98.2 %	85-115	
			MS	ug/L	40.00	72.0 %	75-125	435
		(CC 1280062-001)	MSD	ug/L	40.00	92.1 %	75-125	
			MSRPD	ug/L	39.94	9.5%	≤20.0	
			PDS	ug/L	40.00	83.9 %	75-125	
Lead	3010	01/12/12:200427amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	40.00	102 %	85-115	
			MS	ug/L	40.00	105 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.00	116 %	75-125	
			MSRPD	ug/L	39.94	10.3%	≤20.0	
			PDS	ug/L	40.00	112 %	75-125	
Magnesium	3010	01/13/12:200477amb	Blank	mg/L		ND	<1	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Magnesium	3010	01/13/12:200477amb	LCS	mg/L	12.00	101 %	85-115	
			MS	mg/L	12.00	104 %	75-125	
		(CC 1280085-001)	MSD	mg/L	12.00	110 %	75-125	
			MSRPD	mg/L	0.7988	2.3%	≤20.0	
			PDS	mg/L	12.00	127 %	75-125	P
Nickel	3010	01/12/12:200427amb	Blank	ug/L		ND	<1	
			LCS	ug/L	40.00	100 %	85-115	
			MS	ug/L	40.00	84.0 %	75-125	
		(CC 1280062-001)	MSD	ug/L	40.00	95.1 %	75-125	
			MSRPD	ug/L	39.94	9.8%	≤20	
			PDS	ug/L	40.00	91.0 %	75-125	
Selenium	3010	01/12/12:200427amb	Blank	ug/L		ND	<2	
			LCS	ug/L	39.98	83.6 %	80-120	
			MS	ug/L	39.98	80.2 %	75-125	
		(CC 1280062-001)	MSD	ug/L	39.98	90.6 %	75-125	
			MSRPD	ug/L	39.94	7.8%	≤20	
			PDS	ug/L	39.98	86.4 %	75-125	
Silver	3010	01/12/12:200427amb	Blank	ug/L		ND	<1	
			LCS	ug/L	39.94	99.0 %	85-115	
			MS	ug/L	39.94	89.6 %	75-125	
		(CC 1280062-001)	MSD	ug/L	39.94	97.5 %	75-125	
			MSRPD	ug/L	39.94	8.4%	≤20.0	
			PDS	ug/L	39.94	95.1 %	75-125	
Thallium	3010	01/12/12:200427amb	Blank	ug/L		ND	<0.2	
			LCS	ug/L	39.98	102 %	85-115	
			MS	ug/L	39.98	107 %	75-125	
		(CC 1280062-001)	MSD	ug/L	39.98	118 %	75-125	
			MSRPD	ug/L	39.94	9.7%	≤20.0	
			PDS	ug/L	39.98	114 %	75-125	
Zinc	3010	01/12/12:200427amb	Blank	ug/L		ND	<10	
			LCS	ug/L	40.00	91.0 %	85-115	
			MS	ug/L	40.00	6.4 %	75-125	435
		(CC 1280062-001)	MSD	ug/L	40.00	34.1 %	75-125	435
			MSRPD	ug/L	39.94	11.1%	≤20.0	
			PDS	ug/L	40.00	19.2 %	75-125	P
Chromium VI	7196A	01/19/12:200730ac	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.1000	96.0 %	85-115	
			MS	mg/L	0.1000	94.0 %	75-125	
		(CC 1280085-001)	MSD	mg/L	0.1000	95.2 %	75-125	
			MSRPD	mg/L	0.1000	1.3%	≤20	
Mercury	7470	01/16/12:200580ac	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.1998	108 %	85-115	
			MS	ug/L	0.1998	101 %	75-125	
		(CC 1280085-002)	MSD	ug/L	0.1998	105 %	75-125	
			MSRPD	ug/L	0.1998	3.3%	≤20	
Wet Chem								
Conductivity	2510B	01/10/12:200470CTL	ICB	umhos/cm		0.1	1	
			ICV	umhos/cm	1000	100 %	95-105	
			CCV	umhos/cm	1000	100 %	95-105	
E. C.	2510B	01/10/12:200359CTL	Blank	umhos/cm		ND	<1	
		(CC 1280085-001)	Dup	umhos/cm		0.0%	10	
Cyanide	4500CNCE	01/18/12:200885AMM	CCV	mg/L	0.1000	92.2 %	90-110	
			CCB	mg/L		-0.00080	0.004	
			CCV	mg/L	0.1000	92.2 %	90-110	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Cyanide	4500CNCE	01/18/12:200885AMM	CCB	mg/L		-0.00046	0.004	
	4500CNCE	01/23/12:201109AMM	CCV	mg/L	0.1000	91.5 %	90-110	
			CCB	mg/L		-0.00080	0.004	
			CCV	mg/L	0.1000	92.2 %	90-110	
			CCB	mg/L		-0.00080	0.004	
Cyanide, Total	9010B	01/17/12:200606AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	90.5 %	90-110	
			LCS	mg/L	0.4000	93.0 %	90-110	
			MS	mg/L	0.05000	97.7 %	5-223	
		(CC 1280041-002)	MSD	mg/L	0.05000	96.4 %	5-223	
			MSRPD	mg/L	0.05000	1.4%	≤10.0	
	9010B	01/23/12:200795AMM	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	92.5 %	90-110	
			LCS	mg/L	0.4000	89.6 %	90-110	
			MS	mg/L	0.05000	105 %	5-223	
		(CC 1280085-004)	MSD	mg/L	0.05000	101 %	5-223	
			MSRPD	mg/L	0.05000	3.4%	≤10.0	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Aldrin	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
Alpha BHC	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Alpha BHC	608	01/20/12:200943VRG	QACAL	ug/L	303	0.9997	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
Beta BHC	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9995	0.99	
			QACAL	ug/L	303	0.9995	0.99	
			QACAL	ug/L	303	0.9995	0.99	
			QACAL	ug/L	303	0.9995	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Beta BHC	608	01/20/12:200943VRG	CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	100.0	115 %	85-115	
			CCV	ug/L	100.0	115 %	85-115	
			CCV	ug/L	100.0	115 %	85-115	
			CCV	ug/L	100.0	115 %	85-115	
Delta BHC	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Delta BHC	608	01/20/12:200943VRG	CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	104 %	85-115	
			CCV	ug/L	100.0	104 %	85-115	
			CCV	ug/L	100.0	104 %	85-115	
			CCV	ug/L	100.0	104 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
Dieldrin	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dieldrin	608	01/20/12:200943VRG	CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
Endosulfan I	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9989	0.99	
			QACAL	ug/L	303	0.9989	0.99	
			QACAL	ug/L	303	0.9989	0.99	
			QACAL	ug/L	303	0.9989	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endosulfan I	608	01/20/12:200943VRG	CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	50.00	109 %	85-115	
			CCV	ug/L	50.00	109 %	85-115	
			CCV	ug/L	50.00	109 %	85-115	
			CCV	ug/L	50.00	109 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
Endosulfan II	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	103 %	85-115	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endosulfan II	608	01/20/12:200943VRG	CCV	ug/L	100.0	103 %	85-115	
			CCV	ug/L	100.0	103 %	85-115	
			CCV	ug/L	100.0	103 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	50.00	102 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
			CCV	ug/L	100.0	108 %	85-115	
Endosulfan Sulfate	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9994	0.99	
			QACAL	ug/L	303	0.9994	0.99	
			QACAL	ug/L	303	0.9994	0.99	
			QACAL	ug/L	303	0.9994	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endosulfan Sulfate	608	01/20/12:200943VRG	CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	100.0	113 %	85-115	
			CCV	ug/L	100.0	113 %	85-115	
			CCV	ug/L	100.0	113 %	85-115	
			CCV	ug/L	100.0	113 %	85-115	
Endrin	608	01/20/12:200943VRG	PEM	Extra	1000	2.8%	20.0	
			PEM	Extra	1000	2.8%	20.0	
			PEM	Extra	1000	2.8%	20.0	
			PEM	Extra	1000	2.8%	20.0	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	50.00	98.4 %	85-115	
			CCV	ug/L	50.00	98.4 %	85-115	
			CCV	ug/L	50.00	98.4 %	85-115	
			CCV	ug/L	50.00	98.4 %	85-115	
			CCV	ug/L	100.0	91.9 %	85-115	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endrin	608	01/20/12:200943VRG	CCV	ug/L	100.0	91.9 %	85-115	
			CCV	ug/L	100.0	91.9 %	85-115	
			CCV	ug/L	100.0	91.9 %	85-115	
Endrin Aldehyde	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			QACAL	ug/L	303	0.9992	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	100.0	120 %	85-115	360
			CCV	ug/L	100.0	120 %	85-115	360
			CCV	ug/L	100.0	120 %	85-115	360
			CCV	ug/L	100.0	120 %	85-115	360
Heptachlor	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Heptachlor	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			QACAL	ug/L	303	0.9993	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
Heptachlor Epoxide	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9990	0.99	
			QACAL	ug/L	303	0.9990	0.99	
			QACAL	ug/L	303	0.9990	0.99	
			QACAL	ug/L	303	0.9990	0.99	
			CALS	ug/L	5.000	X^1	N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Heptachlor Epoxide	608	01/20/12:200943VRG	CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	50.00	108 %	85-115	
			CCV	ug/L	50.00	108 %	85-115	
			CCV	ug/L	50.00	108 %	85-115	
			CCV	ug/L	50.00	108 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
			CCV	ug/L	100.0	114 %	85-115	
Lindane	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Lindane	608	01/20/12:200943VRG	CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	50.00	103 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
			CCV	ug/L	100.0	110 %	85-115	
Methoxychlor	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			QACAL	ug/L	303	0.9997	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Methoxychlor	608	01/20/12:200943VRG	CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	100.0	109 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	50.00	110 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
p,p - DDD	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p,p - DDD	608	01/20/12:200943VRG	CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	100.0	106 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	50.00	107 %	85-115	
			CCV	ug/L	100.0	112 %	85-115	
			CCV	ug/L	100.0	112 %	85-115	
			CCV	ug/L	100.0	112 %	85-115	
			CCV	ug/L	100.0	112 %	85-115	
p,p - DDE	608	01/20/12:200943VRG	CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9996	0.99	
			QACAL	ug/L	303	0.9996	0.99	
			QACAL	ug/L	303	0.9996	0.99	
			QACAL	ug/L	303	0.9996	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p,p - DDE	608	01/20/12:200943VRG	CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	50.00	106 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
			CCV	ug/L	100.0	111 %	85-115	
p,p - DDT	608	01/20/12:200943VRG	PEM	Extra	1000	3.8%	20.0	
			PEM	Extra	1000	3.8%	20.0	
			PEM	Extra	1000	3.8%	20.0	
			PEM	Extra	1000	3.8%	20.0	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			CALS	ug/L	2.000	X^0	N/A	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			QACAL	ug/L	303	0.9998	0.99	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	5.000	X^1	N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	10.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	25.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	50.00		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	100.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	200.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	
			CALS	ug/L	303.0		N/A	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
p,p - DDT	608	01/20/12:200943VRG	CALS	ug/L	303.0		N/A	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	100.0	105 %	85-115	
			CCV	ug/L	50.00	101 %	85-115	
			CCV	ug/L	50.00	101 %	85-115	
			CCV	ug/L	50.00	101 %	85-115	
			CCV	ug/L	50.00	101 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
			CCV	ug/L	100.0	107 %	85-115	
Tetrachloro-m-xylene	608	01/20/12:200943VRG	CALS	ug/L	2.084	X^0	N/A	
			CALS	ug/L	2.084	X^0	N/A	
			CALS	ug/L	2.084	X^0	N/A	
			CALS	ug/L	2.084	X^0	N/A	
			QACAL	ug/L	315.8	0.9993	0.99	
			QACAL	ug/L	315.8	0.9993	0.99	
			QACAL	ug/L	315.8	0.9993	0.99	
			QACAL	ug/L	315.8	0.9993	0.99	
			CALS	ug/L	5.210	X^1	N/A	
			CALS	ug/L	5.210	X^1	N/A	
			CALS	ug/L	5.210	X^1	N/A	
			CALS	ug/L	5.210	X^1	N/A	
			CALS	ug/L	10.42		N/A	
			CALS	ug/L	10.42		N/A	
			CALS	ug/L	10.42		N/A	
			CALS	ug/L	10.42		N/A	
			CALS	ug/L	26.05		N/A	
			CALS	ug/L	26.05		N/A	
			CALS	ug/L	26.05		N/A	
			CALS	ug/L	26.05		N/A	
			CALS	ug/L	52.10		N/A	
			CALS	ug/L	52.10		N/A	
			CALS	ug/L	52.10		N/A	
			CALS	ug/L	52.10		N/A	
			CALS	ug/L	104.2		N/A	
			CALS	ug/L	104.2		N/A	
			CALS	ug/L	104.2		N/A	
			CALS	ug/L	104.2		N/A	
			CALS	ug/L	208.4		N/A	
			CALS	ug/L	208.4		N/A	
			CALS	ug/L	208.4		N/A	
			CALS	ug/L	208.4		N/A	
			CALS	ug/L	315.8		N/A	
			CALS	ug/L	315.8		N/A	
			CALS	ug/L	315.8		N/A	
			CALS	ug/L	315.8		N/A	
			CCV	ug/L	104.2	121 %	85-115	362
			CCV	ug/L	104.2	121 %	85-115	362
			CCV	ug/L	104.2	121 %	85-115	362
			CCV	ug/L	104.2	121 %	85-115	362
			CCV	ug/L	52.10	119 %	85-115	362

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	608	01/20/12:200943VRG	CCV	ug/L	52.10	119 %	85-115	362
			CCV	ug/L	52.10	119 %	85-115	362
			CCV	ug/L	52.10	119 %	85-115	362
			CCV	ug/L	104.2	125 %	85-115	362
			CCV	ug/L	104.2	125 %	85-115	362
			CCV	ug/L	104.2	125 %	85-115	362
			CCV	ug/L	104.2	125 %	85-115	362
1,1,1-Trichloroethane(TCA)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	119 %	53-155	
		(CC 1280085-001)	MSD	ug/L	10.00	130 %	53-155	
			MSRPD	ug/L	10.00	9.3%	≤12.9	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	114 %	75-125	
			CCV	ug/L	10.00	114 %	75-125	
			CCV	ug/L	10.00	114 %	75-125	
			CCV	ug/L	10.00	114 %	75-125	
1,1,2,2-Tetrachloroethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	82.8 %	70-137	
		(CC 1280085-001)	MSD	ug/L	10.00	87.8 %	70-137	
			MSRPD	ug/L	10.00	6.0%	≤10.2	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	89.1 %	60-140	
			CCV	ug/L	10.00	89.1 %	60-140	
			CCV	ug/L	10.00	89.1 %	60-140	
			CCV	ug/L	10.00	89.1 %	60-140	
1,1,2-Trichloroethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	80.8 %	74-123	
		(CC 1280085-001)	MSD	ug/L	10.00	91.3 %	74-123	
			MSRPD	ug/L	10.00	12.2%	≤12.1	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	91.3 %	71-129	
			CCV	ug/L	10.00	91.3 %	71-129	
			CCV	ug/L	10.00	91.3 %	71-129	
			CCV	ug/L	10.00	91.3 %	71-129	
1,1-Dichloroethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	113 %	58-159	
		(CC 1280085-001)	MSD	ug/L	10.00	85.5 %	58-159	
			MSRPD	ug/L	10.00	27.8%	≤13.5	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	82.3 %	72-128	
			CCV	ug/L	10.00	82.3 %	72-128	
			CCV	ug/L	10.00	82.3 %	72-128	
			CCV	ug/L	10.00	82.3 %	72-128	
1,1-Dichloroethylene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	117 %	5-238	
		(CC 1280085-001)	MSD	ug/L	10.00	128 %	5-238	
			MSRPD	ug/L	10.00	9.1%	≤15.4	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	111 %	51-150	
			CCV	ug/L	10.00	111 %	51-150	
			CCV	ug/L	10.00	111 %	51-150	
			CCV	ug/L	10.00	111 %	51-150	
1,2-Dichlorobenzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.5 %	69-132	
		(CC 1280085-001)	MSD	ug/L	10.00	90.3 %	69-132	
			MSRPD	ug/L	10.00	4.3%	≤9.87	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	95.2 %	63-137	
			CCV	ug/L	10.00	95.2 %	63-137	
			CCV	ug/L	10.00	95.2 %	63-137	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2-Dichlorobenzene	624	01/12/12:200573VRG	CCV	ug/L	10.00	95.2 %	63-137	
1,2-Dichloroethane (EDC)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	107 %	55-157	
		(CC 1280085-001)	MSD	ug/L	10.00	118 %	55-157	
			MSRPD	ug/L	10.00	10.0%	≤10.1	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	118 %	68-132	
			CCV	ug/L	10.00	118 %	68-132	
			CCV	ug/L	10.00	118 %	68-132	
			CCV	ug/L	10.00	118 %	68-132	
1,2-Dichloropropane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.9 %	74-123	
		(CC 1280085-001)	MSD	ug/L	10.00	99.3 %	74-123	
			MSRPD	ug/L	10.00	10%	≤9.24	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	97.6 %	34-166	
			CCV	ug/L	10.00	97.6 %	34-166	
			CCV	ug/L	10.00	97.6 %	34-166	
			CCV	ug/L	10.00	97.6 %	34-166	
1,3-Dichlorobenzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.0 %	67-131	
		(CC 1280085-001)	MSD	ug/L	10.00	92.3 %	67-131	
			MSRPD	ug/L	10.00	7.1%	≤12.7	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	93.8 %	73-127	
			CCV	ug/L	10.00	93.8 %	73-127	
			CCV	ug/L	10.00	93.8 %	73-127	
			CCV	ug/L	10.00	93.8 %	73-127	
1,4-Dichlorobenzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	87.6 %	68-130	
		(CC 1280085-001)	MSD	ug/L	10.00	92.9 %	68-130	
			MSRPD	ug/L	10.00	5.9%	≤11.8	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	95.0 %	63-137	
			CCV	ug/L	10.00	95.0 %	63-137	
			CCV	ug/L	10.00	95.0 %	63-137	
			CCV	ug/L	10.00	95.0 %	63-137	
2-Butanone (MEK)	624	01/11/12:200450VRG	Blank	ug/L		ND	<40	
			MS	ug/L	40.00	76.2 %	49-171	
		(CC 1280085-001)	MSD	ug/L	40.00	81.7 %	49-171	
			MSRPD	ug/L	10.00	2.2	≤40	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	81.1 %	50-150	
			CCV	ug/L	40.00	81.1 %	50-150	
			CCV	ug/L	40.00	81.1 %	50-150	
			CCV	ug/L	40.00	81.1 %	50-150	
2-Chloroethylvinyl ether	624	01/11/12:200450VRG	Blank	ug/L		ND	<10	
			MS	ug/L	40.00	1.3 %	42-158	435
		(CC 1280085-001)	MSD	ug/L	40.00	0.0 %	42-158	435
			MSRPD	ug/L	10.00	0.50	≤10	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	67.7 %	0-224	
			CCV	ug/L	40.00	67.7 %	0-224	
			CCV	ug/L	40.00	67.7 %	0-224	
			CCV	ug/L	40.00	67.7 %	0-224	
2-Hexanone	624	01/11/12:200450VRG	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	99.1 %	49-160	
		(CC 1280085-001)	MSD	ug/L	40.00	156 %	49-160	
			MSRPD	ug/L	10.00	23	≤30	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	80.4 %	50-150	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Hexanone	624	01/12/12:200573VRG	CCV	ug/L	40.00	80.4 %	50-150	
			CCV	ug/L	40.00	80.4 %	50-150	
			CCV	ug/L	40.00	80.4 %	50-150	
4-Bromofluorobenzene	624	01/11/12:200450VRG	Blank	ug/L	10.00	105 %	85-144	
			Surr	ug/L	10.00	105 %	85-144	
			MS	ug/L	10.00	98.9 %	70-130	
			Surr	ug/L	10.00	98.9 %	85-144	
		(CC 1280085-001)	MSD	ug/L	10.00	99.1 %	70-130	
			MSRPD	ug/L	10.00	0.3%	≤30.0	
			Surr	ug/L	10.00	99.1 %	85-144	
			Surr	ug/L	10.00	103 %	85-144	
			Surr	ug/L	10.00	109 %	85-144	
			Surr	ug/L	10.00	90.5 %	85-144	
			Surr	ug/L	10.00	88.1 %	85-144	
			Surr	ug/L	10.00	94.0 %	85-144	
			Surr	ug/L	10.00	95.9 %	85-144	
			Surr	ug/L	10.00	94.9 %	85-144	
			Surr	ug/L	10.00	94.7 %	85-144	
			Surr	ug/L	10.00	93.0 %	85-144	
			Surr	ug/L	10.00	93.2 %	85-144	
			Surr	ug/L	10.00	82.5 %	85-144	560
			Surr	ug/L	10.00	99.0 %	85-144	
			Surr	ug/L	10.00	96.8 %	85-144	
			Surr	ug/L	10.00	99.1 %	85-144	
			Surr	ug/L	10.00	90.7 %	85-144	
			Surr	ug/L	10.00	103 %	85-144	
			Surr	ug/L	10.00	102 %	85-144	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	100 %	70-130	
			CCV	ug/L	10.00	100 %	70-130	
			CCV	ug/L	10.00	100 %	70-130	
			CCV	ug/L	10.00	100 %	70-130	
4-Methyl-2-pentanone (MIBK)	624	01/11/12:200450VRG	Blank	ug/L		ND	<30	
			MS	ug/L	40.00	78.4 %	57-151	
		(CC 1280085-001)	MSD	ug/L	40.00	123 %	57-151	
			MSRPD	ug/L	10.00	18	≤30	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	63.6 %	50-150	
			CCV	ug/L	40.00	63.6 %	50-150	
			CCV	ug/L	40.00	63.6 %	50-150	
			CCV	ug/L	40.00	63.6 %	50-150	
Acetone	624	01/11/12:200450VRG	Blank	ug/L		ND	<25	
			MS	ug/L	40.00	95.8 %	6-241	
		(CC 1280085-001)	MSD	ug/L	40.00	128 %	6-241	
			MSRPD	ug/L	10.00	13	≤25	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	102 %	50-150	
			CCV	ug/L	40.00	102 %	50-150	
			CCV	ug/L	40.00	102 %	50-150	
			CCV	ug/L	40.00	102 %	50-150	
Acrolein	624	01/11/12:200450VRG	Blank	ug/L		ND	<5	
			MS	ug/L	300.0	31.3 %	5-214	
		(CC 1280085-001)	MSD	ug/L	300.0	32.6 %	5-214	
			MSRPD	ug/L	10.00	4.0%	≤10.0	
	624	01/11/12:200573VRG	CCV	ug/L	300.0	38.3 %	5-150	
			CCV	ug/L	300.0	38.3 %	5-150	
			CCV	ug/L	300.0	38.3 %	5-150	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Acrolein	624	01/12/12:200573VRG	CCV	ug/L	300.0	38.3 %	5-150	
Acrylonitrile	624	01/11/12:200450VRG	Blank	ug/L		ND	<2	
	624	01/11/12:200573VRG	CCV	ug/L	300.0	90.8 %	5-150	
			CCV	ug/L	300.0	90.8 %	5-150	
			CCV	ug/L	300.0	90.8 %	5-150	
			CCV	ug/L	300.0	90.8 %	5-150	
Benzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	105 %	70-137	
		(CC 1280085-001)	MSD	ug/L	10.00	116 %	70-137	
			MSRPD	ug/L	10.00	9.4%	≤12.4	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	109 %	64-136	
			CCV	ug/L	10.00	109 %	64-136	
			CCV	ug/L	10.00	109 %	64-136	
			CCV	ug/L	10.00	109 %	64-136	
Bromodichloromethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	90.3 %	69-128	
		(CC 1280085-001)	MSD	ug/L	10.00	97.8 %	69-128	
			MSRPD	ug/L	10.00	7.9%	≤10.0	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	96.7 %	65-135	
			CCV	ug/L	10.00	96.7 %	65-135	
			CCV	ug/L	10.00	96.7 %	65-135	
			CCV	ug/L	10.00	96.7 %	65-135	
Bromoform	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	89.8 %	65-140	
		(CC 1280085-001)	MSD	ug/L	10.00	99.4 %	65-140	
			MSRPD	ug/L	10.00	10.2%	≤10.6	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	103 %	71-129	
			CCV	ug/L	10.00	103 %	71-129	
			CCV	ug/L	10.00	103 %	71-129	
			CCV	ug/L	10.00	103 %	71-129	
Bromomethane (Methyl Bromide)	624	01/11/12:200450VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	10.00	135 %	5-256	
		(CC 1280085-001)	MSD	ug/L	10.00	133 %	5-256	
			MSRPD	ug/L	10.00	1.1%	≤27.2	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	124 %	14-186	
			CCV	ug/L	10.00	124 %	14-186	
			CCV	ug/L	10.00	124 %	14-186	
			CCV	ug/L	10.00	124 %	14-186	
Carbon Disulfide	624	01/11/12:200450VRG	Blank	ug/L		ND	<5	
			MS	ug/L	40.00	91.3 %	18-201	
		(CC 1280085-001)	MSD	ug/L	40.00	170 %	18-201	
			MSRPD	ug/L	10.00	60.5%	≤10.0	435
	624	01/11/12:200573VRG	CCV	ug/L	40.00	56.3 %	50-150	
			CCV	ug/L	40.00	56.3 %	50-150	
			CCV	ug/L	40.00	56.3 %	50-150	
			CCV	ug/L	40.00	56.3 %	50-150	
Carbon Tetrachloride	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	127 %	42-166	
		(CC 1280085-001)	MSD	ug/L	10.00	138 %	42-166	
			MSRPD	ug/L	10.00	8.2%	≤12.9	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	117 %	73-127	
			CCV	ug/L	10.00	117 %	73-127	
			CCV	ug/L	10.00	117 %	73-127	
			CCV	ug/L	10.00	117 %	73-127	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chlorobenzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	94.6 %	60-122	
		(CC 1280085-001)	MSD	ug/L	10.00	103 %	60-122	
			MSRPD	ug/L	10.00	8.6%	≤13.3	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	103 %	66-134	
			CCV	ug/L	10.00	103 %	66-134	
			CCV	ug/L	10.00	103 %	66-134	
			CCV	ug/L	10.00	103 %	66-134	
Chloroethane (Ethyl Chloride)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	135 %	5-282	
		(CC 1280085-001)	MSD	ug/L	10.00	135 %	5-282	
			MSRPD	ug/L	10.00	0.2%	≤17.1	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	122 %	38-162	
			CCV	ug/L	10.00	122 %	38-162	
			CCV	ug/L	10.00	122 %	38-162	
			CCV	ug/L	10.00	122 %	38-162	
Chloroform	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	101 %	65-145	
		(CC 1280085-001)	MSD	ug/L	10.00	114 %	65-145	
			MSRPD	ug/L	10.00	11.4%	≤10.7	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	110 %	67-133	
			CCV	ug/L	10.00	110 %	67-133	
			CCV	ug/L	10.00	110 %	67-133	
			CCV	ug/L	10.00	110 %	67-133	
Chloromethane(Methyl Chloride)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	139 %	32-189	
		(CC 1280085-001)	MSD	ug/L	10.00	134 %	32-189	
			MSRPD	ug/L	10.00	4.1%	≤30.1	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	123 %	0-204	
			CCV	ug/L	10.00	123 %	0-204	
			CCV	ug/L	10.00	123 %	0-204	
			CCV	ug/L	10.00	123 %	0-204	
cis-1,3-Dichloropropene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	88.5 %	77-115	
		(CC 1280085-001)	MSD	ug/L	10.00	97.8 %	77-115	
			MSRPD	ug/L	10.00	10%	≤10.3	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	101 %	24-176	
			CCV	ug/L	10.00	101 %	24-176	
			CCV	ug/L	10.00	101 %	24-176	
			CCV	ug/L	10.00	101 %	24-176	
Dibromochloromethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	86.4 %	62-126	
		(CC 1280085-001)	MSD	ug/L	10.00	97.2 %	62-126	
			MSRPD	ug/L	10.00	11.7%	≤10.0	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	95.9 %	67-133	
			CCV	ug/L	10.00	95.9 %	67-133	
			CCV	ug/L	10.00	95.9 %	67-133	
			CCV	ug/L	10.00	95.9 %	67-133	
Dichloromethane	624	01/11/12:200450VRG	Blank	ug/L		ND	<2	
			MS	ug/L	10.00	119 %	5-315	
		(CC 1280085-001)	MSD	ug/L	10.00	78.5 %	5-315	
			MSRPD	ug/L	10.00	4.1	≤2	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	79.2 %	60-139	
			CCV	ug/L	10.00	79.2 %	60-139	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Dichloromethane	624	01/12/12:200573VRG	CCV	ug/L	10.00	79.2 %	60-139	
			CCV	ug/L	10.00	79.2 %	60-139	
Ethylbenzene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	99.6 %	65-126	
		(CC 1280085-001)	MSD	ug/L	10.00	110 %	65-126	
			MSRPD	ug/L	10.00	9.8%	≤17.3	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	103 %	59-141	
			CCV	ug/L	10.00	103 %	59-141	
			CCV	ug/L	10.00	103 %	59-141	
			CCV	ug/L	10.00	103 %	59-141	
Fluorobenzene	624	01/11/12:200450VRG	Blank	ug/L	10.00	104 %	38-182	
			Surr	ug/L	10.00	104 %	38-182	
			MS	ug/L	10.00	105 %	70-130	
			Surr	ug/L	10.00	105 %	38-182	
		(CC 1280085-001)	MSD	ug/L	10.00	104 %	70-130	
			MSRPD	ug/L	10.00	0.8%	≤30.0	
			Surr	ug/L	10.00	104 %	38-182	
			Surr	ug/L	10.00	105 %	38-182	
			Surr	ug/L	10.00	104 %	38-182	
			Surr	ug/L	10.00	104 %	38-182	
			Surr	ug/L	10.00	110 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	106 %	38-182	
			Surr	ug/L	10.00	106 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	106 %	38-182	
			Surr	ug/L	10.00	106 %	38-182	
			Surr	ug/L	10.00	108 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	108 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
			Surr	ug/L	10.00	107 %	38-182	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	106 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
			CCV	ug/L	10.00	106 %	70-130	
Freon-11	624	01/11/12:200450VRG	Blank	ug/L		ND	<2.0	
			MS	ug/L	10.00	171 %	24-233	
		(CC 1280085-001)	MSD	ug/L	10.00	176 %	24-233	
			MSRPD	ug/L	10.00	2.8%	≤15.7	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	142 %	48-152	
			CCV	ug/L	10.00	142 %	48-152	
			CCV	ug/L	10.00	142 %	48-152	
			CCV	ug/L	10.00	142 %	48-152	
Methyl tert-Butyl Ether (MTBE)	624	01/11/12:200450VRG	Blank	ug/L		ND	<5	
			MS	ug/L	10.00	134 %	49-168	
		(CC 1280085-001)	MSD	ug/L	10.00	112 %	49-168	
			MSRPD	ug/L	10.00	2.2	≤5	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	117 %	50-150	
			CCV	ug/L	10.00	117 %	50-150	
			CCV	ug/L	10.00	117 %	50-150	
			CCV	ug/L	10.00	117 %	50-150	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Pentafluorobenzene	624	01/11/12:200450VRG	Blank	ug/L	10.00	108 %	36-180	
			Surr	ug/L	10.00	108 %	36-180	
			MS	ug/L	10.00	110 %	70-130	
			Surr	ug/L	10.00	110 %	36-180	
		(CC 1280085-001)	MSD	ug/L	10.00	114 %	70-130	
			MSRPD	ug/L	10.00	4.3%	≤30.0	
			Surr	ug/L	10.00	114 %	36-180	
			Surr	ug/L	10.00	105 %	36-180	
			Surr	ug/L	10.00	107 %	36-180	
			Surr	ug/L	10.00	103 %	36-180	
			Surr	ug/L	10.00	109 %	36-180	
			Surr	ug/L	10.00	111 %	36-180	
			Surr	ug/L	10.00	109 %	36-180	
			Surr	ug/L	10.00	110 %	36-180	
			Surr	ug/L	10.00	112 %	36-180	
			Surr	ug/L	10.00	111 %	36-180	
			Surr	ug/L	10.00	112 %	36-180	
			Surr	ug/L	10.00	115 %	36-180	
			Surr	ug/L	10.00	112 %	36-180	
			Surr	ug/L	10.00	112 %	36-180	
			Surr	ug/L	10.00	111 %	36-180	
			Surr	ug/L	10.00	112 %	36-180	
			Surr	ug/L	10.00	108 %	36-180	
			Surr	ug/L	10.00	108 %	36-180	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	113 %	70-130	
			CCV	ug/L	10.00	113 %	70-130	
			CCV	ug/L	10.00	113 %	70-130	
			CCV	ug/L	10.00	113 %	70-130	
Styrene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	92.6 %	65-134	
		(CC 1280085-001)	MSD	ug/L	10.00	103 %	65-134	
			MSRPD	ug/L	10.00	10.5%	≤10.0	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	105 %	50-150	
			CCV	ug/L	10.00	105 %	50-150	
			CCV	ug/L	10.00	105 %	50-150	
			CCV	ug/L	10.00	105 %	50-150	
Tetrachloroethylene (PCE)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	102 %	65-124	
		(CC 1280085-001)	MSD	ug/L	10.00	107 %	65-124	
			MSRPD	ug/L	10.00	5.2%	≤12.2	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	98.2 %	73-127	
			CCV	ug/L	10.00	98.2 %	73-127	
			CCV	ug/L	10.00	98.2 %	73-127	
			CCV	ug/L	10.00	98.2 %	73-127	
Toluene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	100 %	67-121	
		(CC 1280085-001)	MSD	ug/L	10.00	108 %	67-121	
			MSRPD	ug/L	10.00	7.4%	≤11.6	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	101 %	74-126	
			CCV	ug/L	10.00	101 %	74-126	
			CCV	ug/L	10.00	101 %	74-126	
			CCV	ug/L	10.00	101 %	74-126	
trans-1,2-Dichloroethylene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	125 %	29-206	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
trans-1,2-Dichloroethylene	624	(CC 1280085-001)	MSD	ug/L	10.00	89.4 %	29-206	
			MSRPD	ug/L	10.00	33.1%	≤22.6	435
	624	01/11/12:200573VRG	CCV	ug/L	10.00	82.9 %	69-131	
			CCV	ug/L	10.00	82.9 %	69-131	
			CCV	ug/L	10.00	82.9 %	69-131	
			CCV	ug/L	10.00	82.9 %	69-131	
trans-1,3-Dichloropropene	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	110 %	72-120	
		(CC 1280085-001)	MSD	ug/L	10.00	121 %	72-120	435
			MSRPD	ug/L	10.00	10%	≤10.7	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	125 %	50-150	
			CCV	ug/L	10.00	125 %	50-150	
			CCV	ug/L	10.00	125 %	50-150	
			CCV	ug/L	10.00	125 %	50-150	
Trichloroethylene (TCE)	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	112 %	63-136	
		(CC 1280085-001)	MSD	ug/L	10.00	122 %	63-136	
			MSRPD	ug/L	10.00	8.4%	≤13.4	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	115 %	66-134	
			CCV	ug/L	10.00	115 %	66-134	
			CCV	ug/L	10.00	115 %	66-134	
			CCV	ug/L	10.00	115 %	66-134	
Vinyl Acetate	624	01/11/12:200450VRG	Blank	ug/L		ND	<100.	
			MS	ug/L	40.00	286 %	27-197	435
		(CC 1280085-001)	MSD	ug/L	40.00	303 %	27-197	435
			MSRPD	ug/L	10.00	6.8	≤100.	
	624	01/11/12:200573VRG	CCV	ug/L	40.00	140 %	10-150	
			CCV	ug/L	40.00	140 %	10-150	
			CCV	ug/L	40.00	140 %	10-150	
			CCV	ug/L	40.00	140 %	10-150	
Vinyl Chloride	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	131 %	5-283	
		(CC 1280085-001)	MSD	ug/L	10.00	129 %	5-283	
			MSRPD	ug/L	10.00	1.2%	≤15.6	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	107 %	4-196	
			CCV	ug/L	10.00	107 %	4-196	
			CCV	ug/L	10.00	107 %	4-196	
			CCV	ug/L	10.00	107 %	4-196	
Xylenes m,p	624	01/11/12:200450VRG	Blank	ug/L		ND	<1.0	
			MS	ug/L	20.00	95.3 %	62-137	
		(CC 1280085-001)	MSD	ug/L	20.00	104 %	62-137	
			MSRPD	ug/L	10.00	8.4%	≤30.0	
	624	01/11/12:200573VRG	CCV	ug/L	20.00	98.4 %	50-150	
			CCV	ug/L	20.00	98.4 %	50-150	
			CCV	ug/L	20.00	98.4 %	50-150	
			CCV	ug/L	20.00	98.4 %	50-150	
Xylenes o	624	01/11/12:200450VRG	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	98.1 %	65-130	
		(CC 1280085-001)	MSD	ug/L	10.00	104 %	65-130	
			MSRPD	ug/L	10.00	5.5%	≤11.5	
	624	01/11/12:200573VRG	CCV	ug/L	10.00	107 %	50-150	
			CCV	ug/L	10.00	107 %	50-150	
			CCV	ug/L	10.00	107 %	50-150	
			CCV	ug/L	10.00	107 %	50-150	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,2,4-Trichlorobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	49.7 %	11-123	
			BS	ug/L	10.00	38.2 %	11-123	
			BSD	ug/L	10.00	68.1 %	11-123	
			BSRPD	ug/L	20.00	56.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	90.7 %	80-120	
			CCV	mg/L	10.00	90.7 %	80-120	
			CCV	mg/L	10.00	90.7 %	80-120	
			CCV	mg/L	10.00	90.7 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
1,2-Dichlorobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	50.2 %	14-114	
			BS	ug/L	10.00	38.4 %	14-114	
			BSD	ug/L	10.00	68.8 %	14-114	
			BSRPD	ug/L	20.00	56.7%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	92.8 %	80-120	
			CCV	mg/L	10.00	92.8 %	80-120	
			CCV	mg/L	10.00	92.8 %	80-120	
			CCV	mg/L	10.00	92.8 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
1,2-Diphenylhydrazine	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	69.8 %	20-151	
			BS	ug/L	10.00	56.7 %	20-151	
			BSD	ug/L	10.00	84.0 %	20-151	
			BSRPD	ug/L	20.00	38.9%	≤30.0	410
1,3-Dichlorobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	46.8 %	14-110	
			BS	ug/L	10.00	36.3 %	14-110	
			BSD	ug/L	10.00	65.7 %	14-110	
			BSRPD	ug/L	20.00	57.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	93.2 %	80-120	
			CCV	mg/L	10.00	93.2 %	80-120	
			CCV	mg/L	10.00	93.2 %	80-120	
			CCV	mg/L	10.00	93.2 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
1,4-Dichlorobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	47.6 %	13-112	
			BS	ug/L	10.00	37.1 %	13-112	
			BSD	ug/L	10.00	66.5 %	13-112	
			BSRPD	ug/L	20.00	56.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	93.6 %	80-120	
			CCV	mg/L	10.00	93.6 %	80-120	
			CCV	mg/L	10.00	93.6 %	80-120	
			CCV	mg/L	10.00	93.6 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,4-Dichlorobenzene	625	01/26/12:201416VRG	CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
2,4,6-Tribromophenol	625	01/11/12:200374CCG	Blank	ug/L	20.00	68.4 %	13-153	
			Surr	ug/L	20.00	68.4 %	13-153	
			LCS	ug/L	20.00	68.8 %	13-153	
			Surr	ug/L	20.00	68.8 %	13-153	
			BS	ug/L	20.00	57.3 %	20-144	
			Surr	ug/L	20.00	57.3 %	13-153	
			BSD	ug/L	20.00	82.3 %	20-144	
			BSRPD	ug/L	20.00	35.8%	≤20.0	410
			Surr	ug/L	20.00	82.3 %	13-153	
			Surr	ug/L	20.00	84.3 %	13-153	
			Surr	ug/L	20.00	49.7 %	13-153	
			Surr	ug/L	20.00	55.4 %	13-153	
			Surr	ug/L	20.00	48.2 %	13-153	
			Surr	ug/L	20.00	67.4 %	13-153	
			Surr	ug/L	20.00	68.9 %	13-153	
			Surr	ug/L	20.00	79.6 %	13-153	
			Surr	ug/L	20.00	62.0 %	13-153	
			Surr	ug/L	20.00	75.4 %	13-153	
			Surr	ug/L	20.00	55.3 %	13-153	
			Surr	ug/L	20.00	56.8 %	13-153	
			Surr	ug/L	20.00	70.7 %	13-153	
			Surr	ug/L	20.00	9.0 %	13-153	L
			Surr	ug/L	20.00	65.3 %	13-153	
			Surr	ug/L	20.00	68.4 %	13-153	
	625	01/26/12:201416VRG	CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	103 %	80-120	
			CCV	mg/L	20.00	103 %	80-120	
			CCV	mg/L	20.00	103 %	80-120	
			CCV	mg/L	20.00	103 %	80-120	
2,4,6-Trichlorophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	64.1 %	10-147	
			BS	ug/L	20.00	53.4 %	10-147	
			BSD	ug/L	20.00	76.8 %	10-147	
			BSRPD	ug/L	20.00	36.0%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	98.9 %	80-120	
			CCV	mg/L	10.00	98.9 %	80-120	
			CCV	mg/L	10.00	98.9 %	80-120	
			CCV	mg/L	10.00	98.9 %	80-120	
2,4-Dichlorophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	60.7 %	6-135	
			BS	ug/L	20.00	51.2 %	6-135	
			BSD	ug/L	20.00	73.4 %	6-135	
			BSRPD	ug/L	20.00	35.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	95.5 %	80-120	
			CCV	mg/L	10.00	95.5 %	80-120	
			CCV	mg/L	10.00	95.5 %	80-120	
			CCV	mg/L	10.00	95.5 %	80-120	
2,4-Dimethylphenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2,4-Dimethylphenol	625	01/11/12:200374CCG	LCS	ug/L	20.00	60.6 %	10-130	
			BS	ug/L	20.00	52.1 %	10-130	
			BSD	ug/L	20.00	75.8 %	10-130	
			BSRPD	ug/L	20.00	37.0%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	93.5 %	80-120	
			CCV	mg/L	10.00	93.5 %	80-120	
			CCV	mg/L	10.00	93.5 %	80-120	
			CCV	mg/L	10.00	93.5 %	80-120	
2,4-Dinitrophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<5	
			LCS	ug/L	20.00	39.5 %	10-157	
			BS	ug/L	20.00	27.9 %	10-157	
			BSD	ug/L	20.00	51.3 %	10-157	
			BSRPD	ug/L	20.00	4.7	≤5	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	85.2 %	80-120	
			CCV	mg/L	10.00	85.2 %	80-120	
			CCV	mg/L	10.00	85.2 %	80-120	
			CCV	mg/L	10.00	85.2 %	80-120	
2,4-Dinitrotoluene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	73.1 %	20-204	
			BS	ug/L	10.00	60.2 %	20-204	
			BSD	ug/L	10.00	83.5 %	20-204	
			BSRPD	ug/L	20.00	32.5%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	97.7 %	80-120	
			CCV	mg/L	10.00	97.7 %	80-120	
			CCV	mg/L	10.00	97.7 %	80-120	
			CCV	mg/L	10.00	97.7 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
2,6-Dinitrotoluene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	75.5 %	20-199	
			BS	ug/L	10.00	62.3 %	20-199	
			BSD	ug/L	10.00	88.7 %	20-199	
			BSRPD	ug/L	20.00	35.0%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
2-Chlorophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	62.0 %	13-114	
			BS	ug/L	20.00	53.5 %	13-114	
			BSD	ug/L	20.00	75.8 %	13-114	
			BSRPD	ug/L	20.00	34.5%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
2-Fluorobiphenyl	625	01/11/12:200374CCG	Blank	ug/L	10.00	59.9 %	11-119	
			Surr	ug/L	10.00	59.9 %	11-119	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Fluorobiphenyl	625	01/11/12:200374CCG	LCS	ug/L	10.00	53.3 %	11-119	
			Surr	ug/L	10.00	53.3 %	11-119	
			BS	ug/L	10.00	37.5 %	45-102	436
			Surr	ug/L	10.00	37.5 %	11-119	
			BSD	ug/L	10.00	68.9 %	45-102	
			BSRPD	ug/L	20.00	59.1%	≤20.0	410
			Surr	ug/L	10.00	68.9 %	11-119	
			Surr	ug/L	10.00	65.8 %	11-119	
			Surr	ug/L	10.00	44.6 %	11-119	
			Surr	ug/L	10.00	22.5 %	11-119	
			Surr	ug/L	10.00	50.6 %	11-119	
			Surr	ug/L	10.00	58.7 %	11-119	
			Surr	ug/L	10.00	37.9 %	11-119	
			Surr	ug/L	10.00	48.4 %	11-119	
			Surr	ug/L	10.00	46.5 %	11-119	
			Surr	ug/L	10.00	58.5 %	11-119	
			Surr	ug/L	10.00	43.9 %	11-119	
			Surr	ug/L	10.00	42.9 %	11-119	
			Surr	ug/L	10.00	59.8 %	11-119	
			Surr	ug/L	10.00	29.4 %	11-119	
			Surr	ug/L	10.00	40.3 %	11-119	
			Surr	ug/L	10.00	56.7 %	11-119	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	96.4 %	80-120	
			CCV	mg/L	10.00	96.4 %	80-120	
			CCV	mg/L	10.00	96.4 %	80-120	
			CCV	mg/L	10.00	96.4 %	80-120	
2-Fluorophenol	625	01/11/12:200374CCG	Blank	ug/L	20.00	64.7 %	13-124	
			Surr	ug/L	20.00	64.7 %	13-124	
			LCS	ug/L	20.00	53.3 %	13-124	
			Surr	ug/L	20.00	53.3 %	13-124	
			BS	ug/L	20.00	46.2 %	20-118	
			Surr	ug/L	20.00	46.2 %	13-124	
			BSD	ug/L	20.00	68.6 %	20-118	
			BSRPD	ug/L	20.00	38.9%	≤20.0	410
			Surr	ug/L	20.00	68.6 %	13-124	
			Surr	ug/L	20.00	69.0 %	13-124	
			Surr	ug/L	20.00	47.6 %	13-124	
			Surr	ug/L	20.00	23.2 %	13-124	
			Surr	ug/L	20.00	48.4 %	13-124	
			Surr	ug/L	20.00	55.3 %	13-124	
			Surr	ug/L	20.00	42.5 %	13-124	
			Surr	ug/L	20.00	62.5 %	13-124	
			Surr	ug/L	20.00	49.7 %	13-124	
			Surr	ug/L	20.00	55.6 %	13-124	
			Surr	ug/L	20.00	42.2 %	13-124	
			Surr	ug/L	20.00	45.2 %	13-124	
			Surr	ug/L	20.00	57.7 %	13-124	
			Surr	ug/L	20.00	2.8 %	13-124	L
			Surr	ug/L	20.00	50.2 %	13-124	
			Surr	ug/L	20.00	54.1 %	13-124	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
2-Fluorophenol	625	01/26/12:201416VRG	CCV	mg/L	20.00	98.8 %	80-120	
			CCV	mg/L	20.00	98.8 %	80-120	
			CCV	mg/L	20.00	98.8 %	80-120	
			CCV	mg/L	20.00	98.8 %	80-120	
			CCV	mg/L	20.00	101 %	80-120	
			CCV	mg/L	20.00	101 %	80-120	
			CCV	mg/L	20.00	101 %	80-120	
			CCV	mg/L	20.00	101 %	80-120	
2-Nitrophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	65.5 %	3-133	
			BS	ug/L	20.00	56.1 %	3-133	
			BSD	ug/L	20.00	81.3 %	3-133	
			BSRPD	ug/L	20.00	36.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
			CCV	mg/L	10.00	101 %	80-120	
3,3-Dichlorobenzidine	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	63.6 %	20-132	
			BS	ug/L	20.00	47.7 %	20-132	
			BSD	ug/L	20.00	65.2 %	20-132	
			BSRPD	ug/L	20.00	31.0%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	20.00	140 %	80-120	360
			CCV	mg/L	20.00	140 %	80-120	360
			CCV	mg/L	20.00	140 %	80-120	360
			CCV	mg/L	20.00	140 %	80-120	360
4,6-Dinitro-2-methylphenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	63.4 %	10-172	
			BS	ug/L	20.00	50.6 %	10-172	
			BSD	ug/L	20.00	72.9 %	10-172	
			BSRPD	ug/L	20.00	36.0%	≤30.0	410
4,6-Dinitro-o-cresol	625	01/26/12:201416VRG	CCV	mg/L	10.00	84.7 %	80-120	
			CCV	mg/L	10.00	84.7 %	80-120	
			CCV	mg/L	10.00	84.7 %	80-120	
			CCV	mg/L	10.00	84.7 %	80-120	
4-Bromophenylphenylether	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	68.5 %	20-159	
			BS	ug/L	10.00	52.8 %	20-159	
			BSD	ug/L	10.00	81.2 %	20-159	
			BSRPD	ug/L	20.00	42.3%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	93.9 %	80-120	
			CCV	mg/L	10.00	93.9 %	80-120	
			CCV	mg/L	10.00	93.9 %	80-120	
			CCV	mg/L	10.00	93.9 %	80-120	
4-Nitrophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	76.2 %	20-148	
			BS	ug/L	20.00	60.3 %	20-148	
			BSD	ug/L	20.00	82.1 %	20-148	
			BSRPD	ug/L	20.00	30.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	127 %	80-120	H
			CCV	mg/L	10.00	127 %	80-120	H
			CCV	mg/L	10.00	127 %	80-120	360
			CCV	mg/L	10.00	127 %	80-120	H
Acenaphthene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Acenaphthene	625	01/11/12:200374CCG	LCS	ug/L	10.00	60.2 %	13-129	
			BS	ug/L	10.00	46.5 %	13-129	
			BSD	ug/L	10.00	75.3 %	13-129	
			BSRPD	ug/L	20.00	47.3%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
Acenaphthylene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	48.1 %	20-112	
			BS	ug/L	10.00	36.4 %	20-112	
			BSD	ug/L	10.00	60.4 %	20-112	
			BSRPD	ug/L	20.00	2.4	≤1	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
Anthracene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	68.9 %	14-131	
			BS	ug/L	10.00	55.0 %	14-131	
			BSD	ug/L	10.00	80.7 %	14-131	
			BSRPD	ug/L	20.00	37.9%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
Azobenzene	625	01/26/12:201416VRG	CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
Benzidine	625	01/11/12:200374CCG	Blank	ug/L		ND	<10	
			LCS	ug/L	20.00	0.0 %	20-41	320
			BS	ug/L	20.00	0.0 %	20-41	436
			BSD	ug/L	20.00	0.0 %	20-41	436
			BSRPD	ug/L	20.00	0.0	≤10	
	625	01/26/12:201416VRG	CCV	mg/L	20.00	558 %	70-130	H
			CCV	mg/L	20.00	558 %	70-130	360
			CCV	mg/L	20.00	558 %	70-130	H
			CCV	mg/L	20.00	558 %	70-130	H
Benzo(a)anthracene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	87.1 %	7-169	
			BS	ug/L	10.00	70.4 %	7-169	
			BSD	ug/L	10.00	98.7 %	7-169	
			BSRPD	ug/L	20.00	33.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	118 %	80-120	
			CCV	mg/L	10.00	118 %	80-120	
			CCV	mg/L	10.00	118 %	80-120	
			CCV	mg/L	10.00	118 %	80-120	
Benzo(a)pyrene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	78.6 %	20-177	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Benzo(a)pyrene	625	01/11/12:200374CCG	BS	ug/L	10.00	65.1 %	20-177	
			BSD	ug/L	10.00	87.2 %	20-177	
			BSRPD	ug/L	20.00	29.0%	≤30.0	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	125 %	80-120	360
			CCV	mg/L	10.00	125 %	80-120	360
			CCV	mg/L	10.00	125 %	80-120	360
			CCV	mg/L	10.00	125 %	80-120	360
Benzo(b)fluoranthene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	76.4 %	20-210	
			BS	ug/L	10.00	61.9 %	20-210	
			BSD	ug/L	10.00	86.1 %	20-210	
			BSRPD	ug/L	20.00	32.8%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
Benzo(g,h,i)perylene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	78.7 %	20-190	
			BS	ug/L	10.00	68.1 %	20-190	
			BSD	ug/L	10.00	89.6 %	20-190	
			BSRPD	ug/L	20.00	27.3%	≤30.0	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
Benzo(k)fluoranthene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	81.4 %	20-187	
			BS	ug/L	10.00	67.3 %	20-187	
			BSD	ug/L	10.00	87.8 %	20-187	
			BSRPD	ug/L	20.00	26.4%	≤30.0	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
bis(2-Chloroethoxy)methane	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	63.5 %	20-127	
			BS	ug/L	10.00	53.9 %	20-127	
			BSD	ug/L	10.00	79.5 %	20-127	
			BSRPD	ug/L	20.00	38.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	97.2 %	80-120	
			CCV	mg/L	10.00	97.2 %	80-120	
			CCV	mg/L	10.00	97.2 %	80-120	
			CCV	mg/L	10.00	97.2 %	80-120	
bis(2-Chloroethyl)ether	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	70.1 %	14-111	
			BS	ug/L	10.00	60.1 %	14-111	
			BSD	ug/L	10.00	86.2 %	14-111	
			BSRPD	ug/L	20.00	35.7%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
			CCV	mg/L	10.00	96.9 %	80-120	
bis(2-Chloroisopropyl)ether	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	69.4 %	18-115	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
bis(2-Chloroisopropyl)ether	625	01/11/12:200374CCG	BS	ug/L	10.00	54.5 %	18-115	
			BSD	ug/L	10.00	88.9 %	18-115	
			BSRPD	ug/L	20.00	47.9%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
bis(2-Ethylhexyl)phthalate	625	01/11/12:200374CCG	Blank	ug/L		4.43	2	210
			LCS	ug/L	10.00	122 %	20-216	
			BS	ug/L	10.00	32.9 %	20-216	
			BSD	ug/L	10.00	68.9 %	20-216	
			BSRPD	ug/L	20.00	3.6	≤2	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
			CCV	mg/L	10.00	119 %	80-120	
Butylbenzylphthalate	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	72.3 %	20-79	
			BS	ug/L	10.00	43.1 %	20-79	
			BSD	ug/L	10.00	57.5 %	20-79	
			BSRPD	ug/L	20.00	1.4	≤2	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
			CCV	mg/L	10.00	114 %	80-120	
Chloronaphthalene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	58.6 %	20-200	
			BS	ug/L	10.00	43.5 %	20-200	
			BSD	ug/L	10.00	75.3 %	20-200	
			BSRPD	ug/L	20.00	53.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	91.8 %	80-120	
			CCV	mg/L	10.00	91.8 %	80-120	
			CCV	mg/L	10.00	91.8 %	80-120	
			CCV	mg/L	10.00	91.8 %	80-120	
			CCV	mg/L	10.00	105 %	80-120	
			CCV	mg/L	10.00	105 %	80-120	
			CCV	mg/L	10.00	105 %	80-120	
			CCV	mg/L	10.00	105 %	80-120	
Chlorophenylphenylether	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	68.2 %	10-186	
			BS	ug/L	10.00	50.6 %	10-186	
			BSD	ug/L	10.00	82.0 %	10-186	
			BSRPD	ug/L	20.00	47.3%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	95.2 %	80-120	
			CCV	mg/L	10.00	95.2 %	80-120	
			CCV	mg/L	10.00	95.2 %	80-120	
			CCV	mg/L	10.00	95.2 %	80-120	
Chrysene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	82.0 %	20-352	
			BS	ug/L	10.00	66.6 %	20-352	
			BSD	ug/L	10.00	92.8 %	20-352	
			BSRPD	ug/L	20.00	32.9%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Chrysene	625	01/26/12:201416VRG	CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
Dibenzo(a,h)anthracene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	84.9 %	20-244	
			BS	ug/L	10.00	70.5 %	20-244	
			BSD	ug/L	10.00	97.8 %	20-244	
			BSRPD	ug/L	20.00	32.5%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
Diethylphthalate	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	52.8 %	20-89	
			BS	ug/L	10.00	37.9 %	20-89	
			BSD	ug/L	10.00	55.4 %	20-89	
			BSRPD	ug/L	20.00	1.8	≤1	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	96.5 %	80-120	
			CCV	mg/L	10.00	96.5 %	80-120	
			CCV	mg/L	10.00	96.5 %	80-120	
			CCV	mg/L	10.00	96.5 %	80-120	
Dimethylphthalate	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	42.3 %	20-68	
			BS	ug/L	10.00	29.2 %	20-68	
			BSD	ug/L	10.00	41.7 %	20-68	
			BSRPD	ug/L	20.00	1.3	≤1	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
Di-n-butylphthalate	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	67.7 %	20-107	
			BS	ug/L	10.00	46.9 %	20-107	
			BSD	ug/L	10.00	69.2 %	20-107	
			BSRPD	ug/L	20.00	2.2	≤2	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	106 %	80-120	
			CCV	mg/L	10.00	106 %	80-120	
			CCV	mg/L	10.00	106 %	80-120	
			CCV	mg/L	10.00	106 %	80-120	
Di-n-octylphthalate	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	109 %	20-182	
			BS	ug/L	10.00	73.8 %	20-182	
			BSD	ug/L	10.00	109 %	20-182	
			BSRPD	ug/L	20.00	38.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	134 %	80-120	360
			CCV	mg/L	10.00	134 %	80-120	360
			CCV	mg/L	10.00	134 %	80-120	360
			CCV	mg/L	10.00	134 %	80-120	360
Fluoranthene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	74.8 %	14-141	
			BS	ug/L	10.00	60.2 %	14-141	
			BSD	ug/L	10.00	85.8 %	14-141	
			BSRPD	ug/L	20.00	35.2%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Fluoranthene	625	01/26/12:201416VRG	CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
Fluorene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	68.9 %	20-180	
			BS	ug/L	10.00	52.7 %	20-180	
			BSD	ug/L	10.00	83.8 %	20-180	
			BSRPD	ug/L	20.00	45.5%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
Hexachlorobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	62.4 %	20-177	
			BS	ug/L	10.00	50.2 %	20-177	
			BSD	ug/L	10.00	76.7 %	20-177	
			BSRPD	ug/L	20.00	41.9%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	88.7 %	80-120	
			CCV	mg/L	10.00	88.7 %	80-120	
			CCV	mg/L	10.00	88.7 %	80-120	
			CCV	mg/L	10.00	88.7 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
			CCV	mg/L	10.00	108 %	80-120	
Hexachlorobutadiene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	41.3 %	20-127	
			BS	ug/L	10.00	33.4 %	20-127	
			BSD	ug/L	10.00	58.9 %	20-127	
			BSRPD	ug/L	20.00	2.6	≤1	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	89.1 %	80-120	
			CCV	mg/L	10.00	89.1 %	80-120	
			CCV	mg/L	10.00	89.1 %	80-120	
			CCV	mg/L	10.00	89.1 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
			CCV	mg/L	10.00	107 %	80-120	
Hexachlorocyclopentadiene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	6.0 %	20-84	320
			BS	ug/L	10.00	3.9 %	20-84	436
			BSD	ug/L	10.00	6.8 %	20-84	436
			BSRPD	ug/L	20.00	0.29	≤1	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	61.1 %	80-120	355
			CCV	mg/L	10.00	61.1 %	80-120	355
			CCV	mg/L	10.00	61.1 %	80-120	355
			CCV	mg/L	10.00	61.1 %	80-120	355
			CCV	mg/L	10.00	97.4 %	80-120	
			CCV	mg/L	10.00	97.4 %	80-120	
			CCV	mg/L	10.00	97.4 %	80-120	
			CCV	mg/L	10.00	97.4 %	80-120	
Hexachloroethane	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	43.1 %	15-107	
			BS	ug/L	10.00	34.3 %	15-107	
			BSD	ug/L	10.00	62.4 %	15-107	

January 27, 2012 Lab ID : CC 1280085
Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Hexachloroethane	625	01/11/12:200374CCG	BSRPD	ug/L	20.00	2.8	≤1	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	96.3 %	80-120	
			CCV	mg/L	10.00	96.3 %	80-120	
			CCV	mg/L	10.00	96.3 %	80-120	
			CCV	mg/L	10.00	96.3 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
Indeno(1,2,3-c,d)pyrene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	69.9 %	20-216	
			BS	ug/L	10.00	60.4 %	20-216	
			BSD	ug/L	10.00	78.2 %	20-216	
			BSRPD	ug/L	20.00	25.7%	≤30.0	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
			CCV	mg/L	10.00	95.8 %	80-120	
Isophorone	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	67.0 %	17-111	
			BS	ug/L	10.00	55.7 %	39-71	
			BSD	ug/L	10.00	81.3 %	39-71	436
			BSRPD	ug/L	20.00	37.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	117 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
Naphthalene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	58.8 %	18-123	
			BS	ug/L	10.00	44.6 %	18-123	
			BSD	ug/L	10.00	78.0 %	18-123	
			BSRPD	ug/L	20.00	54.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
			CCV	mg/L	10.00	110 %	80-120	
Nitrobenzene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	58.0 %	14-112	
			BS	ug/L	10.00	48.6 %	14-112	
			BSD	ug/L	10.00	75.3 %	14-112	
			BSRPD	ug/L	20.00	43.1%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	92.5 %	80-120	
			CCV	mg/L	10.00	92.5 %	80-120	
			CCV	mg/L	10.00	92.5 %	80-120	
			CCV	mg/L	10.00	92.5 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
			CCV	mg/L	10.00	109 %	80-120	
Nitrobenzene-d5	625	01/11/12:200374CCG	Blank	ug/L	10.00	69.7 %	15-102	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Nitrobenzene-d5	625	01/11/12:200374CCG	Surr	ug/L	10.00	69.7 %	15-102	
			LCS	ug/L	10.00	57.6 %	15-102	
			Surr	ug/L	10.00	57.6 %	15-102	
			BS	ug/L	10.00	48.2 %	51-103	436
			Surr	ug/L	10.00	48.2 %	15-102	
			BSD	ug/L	10.00	76.8 %	51-103	
			BSRPD	ug/L	20.00	45.7%	≤30.0	410
			Surr	ug/L	10.00	76.8 %	15-102	
			Surr	ug/L	10.00	76.4 %	15-102	
			Surr	ug/L	10.00	50.3 %	15-102	
			Surr	ug/L	10.00	24.9 %	15-102	
			Surr	ug/L	10.00	38.2 %	15-102	
			Surr	ug/L	10.00	66.9 %	15-102	
			Surr	ug/L	10.00	45.8 %	15-102	
			Surr	ug/L	10.00	63.9 %	15-102	
			Surr	ug/L	10.00	61.5 %	15-102	
			Surr	ug/L	10.00	64.5 %	15-102	
			Surr	ug/L	10.00	51.4 %	15-102	
			Surr	ug/L	10.00	50.1 %	15-102	
			Surr	ug/L	10.00	67.6 %	15-102	
			Surr	ug/L	10.00	31.7 %	15-102	
			Surr	ug/L	10.00	52.4 %	15-102	
			Surr	ug/L	10.00	60.9 %	15-102	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	103 %	80-120	
			CCV	mg/L	10.00	103 %	80-120	
			CCV	mg/L	10.00	103 %	80-120	
			CCV	mg/L	10.00	103 %	80-120	
N-Nitrosodimethylamine	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	47.6 %	20-120	
			BS	ug/L	10.00	39.8 %	20-120	
			BSD	ug/L	10.00	61.4 %	20-120	
			BSRPD	ug/L	20.00	2.2	≤2	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	94.4 %	80-120	
			CCV	mg/L	10.00	94.4 %	80-120	
			CCV	mg/L	10.00	94.4 %	80-120	
			CCV	mg/L	10.00	94.4 %	80-120	
N-Nitrosodi-N-propylamine	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	66.7 %	6-126	
			BS	ug/L	10.00	55.2 %	6-126	
			BSD	ug/L	10.00	81.9 %	6-126	
			BSRPD	ug/L	20.00	38.9%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	94.9 %	80-120	
			CCV	mg/L	10.00	94.9 %	80-120	
			CCV	mg/L	10.00	94.9 %	80-120	
			CCV	mg/L	10.00	94.9 %	80-120	
N-Nitrosodiphenylamine	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	98.4 %	20-199	
			BS	ug/L	10.00	79.1 %	20-199	
			BSD	ug/L	10.00	117 %	20-199	
			BSRPD	ug/L	20.00	38.3%	≤30.0	410

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Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
N-Nitrosodiphenylamine	625	01/26/12:201416VRG	CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
			CCV	mg/L	10.00	123 %	80-120	360
p-Chloro-m-cresol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	69.8 %	21-119	
			BS	ug/L	20.00	58.9 %	21-119	
			BSD	ug/L	20.00	82.6 %	21-119	
			BSRPD	ug/L	20.00	33.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
			CCV	mg/L	10.00	111 %	80-120	
Pentachlorophenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	64.6 %	20-195	
			BS	ug/L	20.00	54.3 %	20-195	
			BSD	ug/L	20.00	76.8 %	20-195	
			BSRPD	ug/L	20.00	34.4%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	100 %	80-120	
			CCV	mg/L	10.00	100 %	80-120	
			CCV	mg/L	10.00	100 %	80-120	
			CCV	mg/L	10.00	100 %	80-120	
Phenanthrene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	68.5 %	13-138	
			BS	ug/L	10.00	54.1 %	13-138	
			BSD	ug/L	10.00	80.5 %	13-138	
			BSRPD	ug/L	20.00	39.1%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
			CCV	mg/L	10.00	113 %	80-120	
Phenol	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	58.7 %	9-107	
			BS	ug/L	20.00	50.8 %	9-107	
			BSD	ug/L	20.00	70.6 %	9-107	
			BSRPD	ug/L	20.00	32.6%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
			CCV	mg/L	10.00	112 %	80-120	
Phenol-d6	625	01/11/12:200374CCG	Blank	ug/L	20.00	64.9 %	5-116	
			Surr	ug/L	20.00	64.9 %	5-116	
			LCS	ug/L	20.00	60.2 %	5-116	
			Surr	ug/L	20.00	60.2 %	5-116	
			BS	ug/L	20.00	51.9 %	20-114	
			Surr	ug/L	20.00	51.9 %	5-116	
			BSD	ug/L	20.00	74.1 %	20-114	
			BSRPD	ug/L	20.00	35.2%	≤20.0	410
			Surr	ug/L	20.00	74.1 %	5-116	
			Surr	ug/L	20.00	73.4 %	5-116	
			Surr	ug/L	20.00	48.6 %	5-116	
			Surr	ug/L	20.00	19.7 %	5-116	
			Surr	ug/L	20.00	55.3 %	5-116	
			Surr	ug/L	20.00	63.4 %	5-116	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Phenol-d6	625	01/11/12:200374CCG	Surr	ug/L	20.00	46.0 %	5-116	
			Surr	ug/L	20.00	71.7 %	5-116	
			Surr	ug/L	20.00	53.7 %	5-116	
			Surr	ug/L	20.00	59.8 %	5-116	
			Surr	ug/L	20.00	46.7 %	5-116	
			Surr	ug/L	20.00	49.0 %	5-116	
			Surr	ug/L	20.00	60.2 %	5-116	
			Surr	ug/L	20.00	11.0 %	5-116	
			Surr	ug/L	20.00	56.4 %	5-116	
			Surr	ug/L	20.00	60.2 %	5-116	
	625	01/26/12:201416VRG	CCV	mg/L	20.00	106 %	80-120	
			CCV	mg/L	20.00	106 %	80-120	
			CCV	mg/L	20.00	106 %	80-120	
			CCV	mg/L	20.00	106 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
			CCV	mg/L	20.00	104 %	80-120	
p-Terphenyl-d14	625	01/11/12:200374CCG	Blank	ug/L	10.00	73.4 %	16-122	
			Surr	ug/L	10.00	73.4 %	16-122	
			LCS	ug/L	10.00	67.9 %	16-122	
			Surr	ug/L	10.00	67.9 %	16-122	
			BS	ug/L	10.00	54.2 %	20-154	
			Surr	ug/L	10.00	54.2 %	16-122	
			BSD	ug/L	10.00	78.3 %	20-154	
			BSRPD	ug/L	20.00	36.3%	≤20.0	410
			Surr	ug/L	10.00	78.3 %	16-122	
			Surr	ug/L	10.00	75.3 %	16-122	
			Surr	ug/L	10.00	51.6 %	16-122	
			Surr	ug/L	10.00	21.5 %	16-122	
			Surr	ug/L	10.00	33.1 %	16-122	
			Surr	ug/L	10.00	40.1 %	16-122	
			Surr	ug/L	10.00	14.1 %	16-122	560
			Surr	ug/L	10.00	30.9 %	16-122	
			Surr	ug/L	10.00	57.3 %	16-122	
			Surr	ug/L	10.00	64.8 %	16-122	
			Surr	ug/L	10.00	57.8 %	16-122	
			Surr	ug/L	10.00	58.5 %	16-122	
			Surr	ug/L	10.00	72.5 %	16-122	
			Surr	ug/L	10.00	49.9 %	16-122	
			Surr	ug/L	10.00	18.0 %	16-122	
			Surr	ug/L	10.00	62.2 %	16-122	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	97.0 %	80-120	
			CCV	mg/L	10.00	97.0 %	80-120	
			CCV	mg/L	10.00	97.0 %	80-120	
			CCV	mg/L	10.00	97.0 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
Pyrene	625	01/11/12:200374CCG	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	82.3 %	20-162	
			BS	ug/L	10.00	65.6 %	20-162	
			BSD	ug/L	10.00	94.2 %	20-162	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Pyrene	625	01/11/12:200374CCG	BSRPD	ug/L	20.00	35.8%	≤30.0	410
	625	01/26/12:201416VRG	CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
			CCV	mg/L	10.00	115 %	80-120	
Pyridine	625	01/11/12:200374CCG	Blank	ug/L		ND	<10	
	625	01/26/12:201416VRG	CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
			CCV	mg/L	10.00	102 %	80-120	
Aldrin	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	76.4 %	5-129	
			BS	ug/L	0.5000	50.4 %	5-129	
			BSD	ug/L	0.5000	99.1 %	5-129	
			BSRPD	ug/L	0.5000	66.6%	≤60.4	410
Alpha BHC	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	79.6 %	5-147	
			BS	ug/L	0.5000	47.7 %	5-147	
			BSD	ug/L	0.5000	94.4 %	5-147	
			BSRPD	ug/L	0.5000	65.7%	≤67.9	
Beta BHC	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	84.1 %	5-153	
			BS	ug/L	0.5000	50.7 %	5-153	
			BSD	ug/L	0.5000	96.1 %	5-153	
			BSRPD	ug/L	0.5000	61.9%	≤48.0	410
Chlordane	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<2	
DDD	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	93.6 %	5-168	
			BS	ug/L	0.5000	62.4 %	5-168	
			BSD	ug/L	0.5000	103 %	5-168	
			BSRPD	ug/L	0.5000	49.2%	≤42.9	410
DDE	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	83.9 %	5-145	
			BS	ug/L	0.5000	67.6 %	5-145	
			BSD	ug/L	0.5000	98.4 %	5-145	
			BSRPD	ug/L	0.5000	37.7%	≤51.0	
DDT	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	85.4 %	5-161	
			BS	ug/L	0.5000	41.0 %	5-161	
			BSD	ug/L	0.5000	94.2 %	5-161	
			BSRPD	ug/L	0.5000	77.5%	≤44.1	410
Delta BHC	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	85.9 %	5-160	
			BS	ug/L	0.5000	52.9 %	5-160	
			BSD	ug/L	0.5000	100 %	5-160	
			BSRPD	ug/L	0.5000	62.0%	≤47.1	410
Dieldrin	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	80.6 %	5-154	
			BS	ug/L	0.5000	17.9 %	5-154	
			BSD	ug/L	0.5000	93.6 %	5-154	
			BSRPD	ug/L	0.5000	136%	≤37.7	410
Endosulfan I	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	85.6 %	5-145	
			BS	ug/L	0.5000	60.3 %	5-145	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Endosulfan I	8081A	01/13/12:200509CCG	BSD	ug/L	0.5000	102 %	5-145	
			BSRPD	ug/L	0.5000	53.3%	≤44.0	410
Endosulfan II	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	84.8 %	5-150	
			BS	ug/L	0.5000	71.6 %	5-150	
			BSD	ug/L	0.5000	99.7 %	5-150	
			BSRPD	ug/L	0.5000	32.8%	≤43.0	
Endosulfan Sulfate	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	72.3 %	5-156	
			BS	ug/L	0.5000	49.0 %	5-156	
			BSD	ug/L	0.5000	78.1 %	5-156	
			BSRPD	ug/L	0.5000	45.8%	≤42.7	410
Endrin	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	-0.3 %	5-163	320
			BS	ug/L	0.5000	0.0 %	5-163	436
			BSD	ug/L	0.5000	31.6 %	5-163	
			BSRPD	ug/L	0.5000	0.16	≤0.05	410
Endrin Aldehyde	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	105 %	5-148	
			BS	ug/L	0.5000	77.2 %	5-148	
			BSD	ug/L	0.5000	120 %	5-148	
			BSRPD	ug/L	0.5000	43.2%	≤39.8	410
Heptachlor	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	64.2 %	5-125	
			BS	ug/L	0.5000	30.4 %	5-125	
			BSD	ug/L	0.5000	90.6 %	5-125	
			BSRPD	ug/L	0.5000	100%	≤64.8	410
Heptachlor Epoxide	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	86.9 %	5-147	
			BS	ug/L	0.5000	59.5 %	5-147	
			BSD	ug/L	0.5000	103 %	5-147	
			BSRPD	ug/L	0.5000	55.9%	≤44.9	410
Lindane	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	82.8 %	5-147	
			BS	ug/L	0.5000	51.0 %	5-147	
			BSD	ug/L	0.5000	97.2 %	5-147	
			BSRPD	ug/L	0.5000	62.3%	≤57.8	410
Methoxychlor	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5000	56.1 %	5-178	
			BS	ug/L	0.5000	4.1 %	5-178	436
			BSD	ug/L	0.5000	70.4 %	5-178	
			BSRPD	ug/L	0.5000	0.33	≤0.1	410
PCB 1016 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1221 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1232 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1242 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1248 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1254 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
PCB 1260 - 1	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	
Tetrachloro-m-xylene	8081A	01/13/12:200509CCG	Blank	ug/L	0.5210	64.7 %	2-119	
			Surr	ug/L	0.5210	64.7 %	2-119	
			LCS	ug/L	0.5210	53.7 %	2-119	
			Surr	ug/L	0.5210	53.7 %	2-119	
			BS	ug/L	0.5210	33.9 %	2-119	

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Fugro Consultants, Inc. Customer : 8-646

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Tetrachloro-m-xylene	8081A	01/13/12:200509CCG	Surr	ug/L	0.5210	33.9 %	2-119	
			BSD	ug/L	0.5210	69.1 %	2-119	
			BSRPD	ug/L	0.5000	68.3%	≤30.0	410
			Surr	ug/L	0.5210	69.1 %	2-119	
			Surr	ug/L	0.5210	50.9 %	2-119	
			Surr	ug/L	0.5210	62.0 %	2-119	
			Surr	ug/L	0.5210	64.7 %	2-119	
			Surr	ug/L	0.5210	50.6 %	2-119	
			Surr	ug/L	0.5210	51.5 %	2-119	
Toxaphene	8081A	01/13/12:200509CCG	Blank	ug/L		ND	<0.5	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

210	: The method blank was positive. However, samples reported were either ten times greater than the blank concentration or non detect and accepted.
320	: LCS not within Acceptance Range (AR). Data was accepted based on the BS/BSD recovery.
355	: CCV not within Acceptance Range (AR). Results were reported with client approval.
360	: CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
362	: Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.
410	: Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
436	: Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
560	: Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.