METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112005 CLIENT ID: AK0118

CONTRACT: SAIC007202

MATRIX: W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	2.4	ug/L			MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION
COPY

Volatile

Certificate of Analysis

Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112006

Client ID: AK0218
Batch ID: 720957
Run Date: 01/27/2008 03:40
Prep Date: 01/27/2008 03:40
Data File: 2u645.d

Date Collected: 01/15/2008 13:34
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8260B
Inst: VOA2.I
Analyst: CDS1
Column: DB-624

Matrix: WATER
Project: SAIC007202
SOP Ref: GL-OA-E-038
Dilution: 1
Purge Vol: 5 mL
Level: MED

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	J	0.959 J	ug/L	0.300	1.00
108-88-3	Toluene	D E 141	124 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 159	136 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 535	459 =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112006

Client ID: AK0218
Batch ID: 719340
Run Date: 01/21/2008 14:16
Prep Date: 01/18/2008 17:28
Data File: s7a2109.d

Date Collected: 01/15/2008 13:34
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 980 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.316	1.02
129-00-0	Pyrene	U	1.02 U	ug/L	0.306	1.02
91-20-3	Naphthalene		2.76 =	ug/L	0.306	1.02
91-57-6	2-Methylnaphthalene	J	0.882 J	ug/L	0.306	1.02
91-58-7	2-Chloronaphthalene	U	1.02 U	ug/L	0.357	1.02
208-96-8	Acenaphthylene	U	1.02	ug/L	0.204	1.02
86-73-7	Fluorene	U	1.02	ug/L	0.204	1.02
85-01-8	Phenanthrene	U	1.02	ug/L	0.204	1.02
120-12-7	Anthracene	U	1.02	ug/L	0.204	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.204	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.204	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.204	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.204	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.204	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.204	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.204	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.204	1.02
191-24-2	Benzo(ghi)perylene					

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112006 CLIENT ID: AK0218

CONTRACT: SAIC007202

MATRIX: W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	39.7	ug/L			MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/15/2008 13:34	Matrix:	WATER
Lab Sample ID:	201112009	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK0214 DUPLICATE	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	1
Run Date:	01/27/2008 04:10	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	01/27/2008 04:10				
Data File:	2a646.d	Column:	DB-624	Level:	MED

USR

CAS No.	Parmname	Qualifier	Result		Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	J	0.999	J	ug/L	0.300	1.00
108-88-3	Toluene	D E 122	115	=	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 150	136	=	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 496	456	=	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112009

Client ID: AK0214 DUPLICATE
Batch ID: 719340
Run Date: 01/21/2008 15:20
Prep Date: 01/18/2008 17:28
Data File: s7a2112.d

Date Collected: 01/15/2008 13:34
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7J
Analyst: RMB
Aliquot: 950 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.05 U	ug/L	0.326	1.05
129-00-0	Pyrene	U	1.05 U	ug/L	0.316	1.05
91-20-3	Naphthalene		3.46 =	ug/L	0.316	1.05
91-57-6	2-Methylnaphthalene	J	1.02 J	ug/L	0.368	1.05
91-58-7	2-Chloronaphthalene	U	1.05 U	ug/L	0.211	1.05
208-96-8	Acenaphthylene	U	1.05	ug/L	0.211	1.05
86-73-7	Fluorene	U	1.05	ug/L	0.211	1.05
85-01-8	Phenanthrene	U	1.05	ug/L	0.211	1.05
120-12-7	Anthracene	U	1.05	ug/L	0.211	1.05
206-44-0	Fluoranthene	U	1.05	ug/L	0.211	1.05
56-55-3	Benzo(a)anthracene	U	1.05	ug/L	0.211	1.05
218-01-9	Chrysene	U	1.05	ug/L	0.211	1.05
205-99-2	Benzo(b)fluoranthene	U	1.05	ug/L	0.211	1.05
207-08-9	Benzo(k)fluoranthene	U	1.05	ug/L	0.211	1.05
50-32-8	Benzo(a)pyrene	U	1.05	ug/L	0.211	1.05
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.05	ug/L	0.211	1.05
53-70-3	Dibenzo(a,h)anthracene	U	1.05	ug/L	0.211	1.05
191-24-2	Benzo(ghi)perylene	U	1.05	ug/L	0.211	1.05

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112009 CLIENT ID: AK0214 DUPLICATE

CONTRACT: SAIC007202

MATRIX:W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	40.7	ug/L			MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/15/2008 14:42	Matrix:	WATER
Lab Sample ID:	201112007	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK0318	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	1
Run Date:	01/26/2008 21:49	Analyst:	CDSI	Purge Vol:	5 mL
Prep Date:	01/26/2008 21:49				
Data File:	2u633.d	Column:	DB-624	Level:	MED

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	J	0.276 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.257 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	J	0.904 J	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112007

Client ID: AK0318
Batch ID: 719340
Run Date: 01/21/2008 14:37
Prep Date: 01/18/2008 17:28
Data File: s7a2110.d

Date Collected: 01/15/2008 14:42
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 980 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: 5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.316	1.02
129-00-0	Pyrene	U	1.02	ug/L	0.306	1.02
91-20-3	Naphthalene	U	1.02	ug/L	0.306	1.02
91-57-6	2-Methylnaphthalene	U	1.02	ug/L	0.306	1.02
91-58-7	2-Chloronaphthalene	U	1.02	ug/L	0.357	1.02
208-96-8	Acenaphthylene	U	1.02	ug/L	0.204	1.02
86-73-7	Fluorene	U	1.02	ug/L	0.204	1.02
85-01-8	Phenanthrene	U	1.02	ug/L	0.204	1.02
120-12-7	Anthracene	U	1.02	ug/L	0.204	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.204	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.204	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.204	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.204	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.204	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.204	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.204	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.204	1.02
191-24-2	Benzo(ghi)perylene	U	1.02	ug/L	0.204	1.02

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 **METHOD TYPE:** SW846

SAMPLE ID: 201112007 **CLIENT ID:** AK0318

CONTRACT: SAIC007202

MATRIX: W **DATE RECEIVED** 17-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	2.2	ug/L			MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/15/2008 15:50	Matrix:	WATER
Lab Sample ID:	201112008	Date Received:	01/17/2008 09:30		
		Client:	SA1C072	Project:	SA1C007202
Client ID:	AK0418	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	50
Run Date:	01/25/2008 03:44	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	01/25/2008 03:44				
Data File:	2u445.d	Column:	DB-624	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		216 =	ug/L	15.0	50.0
108-88-3	Toluene		2360 =	ug/L	12.5	50.0
100-41-4	Ethylbenzene		1010 =	ug/L	12.5	50.0
1330-20-7	Xylenes (total)		3890 =	ug/L	12.5	50.0

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112008

Client ID: AK0418
Batch ID: 719340
Run Date: 01/21/2008 14:58
Prep Date: 01/18/2008 17:28
Data File: s7a2111.d

Date Collected: 01/15/2008 15:50
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 930 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.08 U	ug/L	0.333	1.08
129-00-0	Pyrene	U	1.08 U	ug/L	0.323	1.08
91-20-3	Naphthalene		2.60 =	ug/L	0.323	1.08
91-57-6	2-Methylnaphthalene	U	1.08 U	ug/L	0.323	1.08
91-58-7	2-Chloronaphthalene	U	1.08	ug/L	0.376	1.08
208-96-8	Acenaphthylene	U	1.08	ug/L	0.215	1.08
86-73-7	Fluorene	U	1.08	ug/L	0.215	1.08
85-01-8	Phenanthrene	U	1.08	ug/L	0.215	1.08
120-12-7	Anthracene	U	1.08	ug/L	0.215	1.08
206-44-0	Fluoranthene	U	1.08	ug/L	0.215	1.08
56-55-3	Benzo(a)anthracene	U	1.08	ug/L	0.215	1.08
218-01-9	Chrysene	U	1.08	ug/L	0.215	1.08
205-99-2	Benzo(b)fluoranthene	U	1.08	ug/L	0.215	1.08
207-08-9	Benzo(k)fluoranthene	U	1.08	ug/L	0.215	1.08
50-32-8	Benzo(a)pyrene	U	1.08	ug/L	0.215	1.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.08	ug/L	0.215	1.08
53-70-3	Dibenzo(a,h)anthracene	U	1.08	ug/L	0.215	1.08
191-24-2	Benzo(ghi)perylene	U	1.08	ug/L	0.215	1.08

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112008 CLIENT ID: AK0418

CONTRACT: SAJC007202

MATRIX:W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	165	ug/L			MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/16/2008 10:48	Matrix:	WATER
Lab Sample ID:	201112013	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK0518	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	50
Run Date:	01/28/2008 15:00	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	01/28/2008 15:00	Column:	DB-624	Level:	LOW
Data File:	2v119.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		137 =	ug/L	15.0	50.0
108-88-3	Toluene		3730 =	ug/L	12.5	50.0
100-41-4	Ethylbenzene		542 =	ug/L	12.5	50.0
1330-20-7	Xylenes (total)		1890 =	ug/L	12.5	50.0

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112012

Client ID: AK0618DL
Batch ID: 720957
Run Date: 01/30/2008 00:26
Prep Date: 01/30/2008 00:26
Data File: 2v234.d

Date Collected: 01/16/2008 09:43
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8260B
Inst: VOA2.I
Analyst: CDS1
Column: DB-624

Matrix: WATER
Project: SAIC007202
SOP Ref: GL-OA-E-038
Dilution: 50
Purge Vol: 5 mL
Level: LOW

USB

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		106 =	ug/L	15.0	50.0
108-88-3	Toluene	D E10100	10300 =	ug/L	12.5	50.0
100-41-4	Ethylbenzene		1030 =	ug/L	12.5	50.0
1330-20-7	Xylenes (total)		3900 =	ug/L	12.5	50.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112012

Client ID: AK0618
Batch ID: 719340
Run Date: 01/21/2008 16:25
Prep Date: 01/18/2008 17:28
Data File: s7a2115.d

Date Collected: 01/16/2008 09:43
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7J
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		5.06 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.48 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112012 CLIENT ID: AK0618

CONTRACT: SAIC007202

MATRIX:W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	67.7	ug/L			MS	0.03	1	ICPMS6	080123

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	**Date Collected:**	01/16/2008 08:37	**Matrix:**	WATER
Lab Sample ID:	201112010	**Date Received:**	01/17/2008 09:30		
		Client:	SAIC072	**Project:**	SAIC007202
Client ID:	AK0718	**Method:**	SW846 8260B	**SOP Ref:**	GL-OA-E-038
Batch ID:	720957	**Inst:**	VOA2.I	**Dilution:**	1
Run Date:	01/26/2008 22:19	**Analyst:**	CDS1	**Purge Vol:**	5 mL
Prep Date:	01/26/2008 22:19				
Data File:	2u634.d	**Column:**	DB-624	**Level:**	MED

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	J	0.622 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.367 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)		1.56 =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	203111-1	Date Collected:	01/16/2008 08:37	Matrix:	WATER
Lab Sample ID:	203112010	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK0718	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	719340	Inst:	MSD7.I	Dilution:	1
Run Date:	01/21/2008 15:41	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/18/2008 17:28	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a2113.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112010 CLIENT ID: AK0718

CONTRACT: SAIC007202

MATRIX: W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.320	ug/L	B		MS	0.03	1	ICPMS6	080122-1

J

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/16/2008 08:37	Matrix:	WATER
Lab Sample ID:	201112011	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK0714 DUPLICATE	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	1
Run Date:	01/26/2008 22:48	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	01/26/2008 22:48	Column:	DB-624	Level:	MED
Data File:	2u635.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	J	0.553 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.357 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)		1.65 =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112011

Client ID: AK0714 DUPLICATE
Batch ID: 719340
Run Date: 01/21/2008 16:03
Prep Date: 01/18/2008 17:28
Data File: s7a2114.d

Date Collected: 01/16/2008 08:37
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER
Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-I-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112011 CLIENT ID: AK0714 DUPLICATE

CONTRACT: SAIC007202

MATRIX: W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.330	ug/L	B	J	MS	0.03	1	ICPMS6	080122-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 09:41	Matrix:	GROUND WATER
Lab Sample ID:	201537002	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK0818	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	20
Run Date:	02/04/2008 16:53	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/04/2008 16:53	Column:	DB-624	Level:	LOW
Data File:	2w120.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		131	ug/L	6.00	20.0
108-88-3	Toluene		917	ug/L	5.00	20.0
100-41-4	Ethylbenzene		827	ug/L	5.00	20.0
1330-20-7	Xylenes (total)		3740	ug/L	5.00	20.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	**Date Collected:**	01/23/2008 09:41	**Matrix:**	GROUND WATER
Lab Sample ID:	201537002	**Date Received:**	01/24/2008 15:05		
		Client:	SA1C085	**Project:**	SA1C08507
Client ID:	AK0818	**Method:**	SW846 8270C	**SOP Ref:**	GL-OA-E-009
Batch ID:	721970	**Inst:**	MSD5.I	**Dilution:**	4
Run Date:	01/29/2008 11:30	**Analyst:**	BJB1	**Inj. Vol:**	.5 uL
Prep Date:	01/28/2008 17:06	**Aliquot:**	1030 mL	**Final Volume:**	1 mL
Data File:	s5a2909.d	**Column:**	J&W DB-5MS	**Level:**	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	3.88 UJ	ug/L G07	1.20	3.88
129-00-0	Pyrene	U	3.88 UJ	ug/L	1.17	3.88
91-20-3	Naphthalene	J	2.53 J	ug/L	1.17	3.88
91-57-6	2-Methylnaphthalene	U	3.88 UJ	ug/L	1.17	3.88
91-58-7	2-Chloronaphthalene	U	3.88	ug/L	1.36	3.88
208-96-8	Acenaphthylene	U	3.88	ug/L	0.777	3.88
86-73-7	Fluorene	U	3.88	ug/L	0.777	3.88
85-01-8	Phenanthrene	U	3.88	ug/L	0.777	3.88
120-12-7	Anthracene	U	3.88	ug/L	0.777	3.88
206-44-0	Fluoranthene	U	3.88	ug/L	0.777	3.88
56-55-3	Benzo(a)anthracene	U	3.88	ug/L	0.777	3.88
218-01-9	Chrysene	U	3.88	ug/L	0.777	3.88
205-99-2	Benzo(b)fluoranthene	U	3.88	ug/L	0.777	3.88
207-08-9	Benzo(k)fluoranthene	U	3.88	ug/L	0.777	3.88
50-32-8	Benzo(a)pyrene	U	3.88	ug/L	0.777	3.88
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.88	ug/L	0.777	3.88
53-70-3	Dibenzo(a,h)anthracene	U	3.88	ug/L	0.777	3.88
191-24-2	Benzo(ghi)perylene	U	3.88	ug/L	0.777	3.88

DATA VALIDATION COPY

METALS

INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537002 CLIENT ID: AK0818

CONTRACT: SAIC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	65.6	ug/L			MS	0.05	1	ICPMS6	080131-1

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DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 10:55	Matrix:	GROUND WATER
Lab Sample ID:	201537004	Date Received:	01/24/2008 15:05		
		Client:	SA1C085	Project:	SA1C08507
Client ID:	AK0918	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	1
Run Date:	02/05/2008 12:34	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/05/2008 12:34	Column:	DB-624	Level:	LOW
Data File:	2w213.d				

USD

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	J	0.815 J	ug/L	0.300	1.00
108-88-3	Toluene		7.36 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 641	314 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 2080	~~928~~ =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 10:55	Matrix:	GROUND WATER
Lab Sample ID:	201537004	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK0918	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	721970	Inst:	MSD5.I	Dilution:	4
Run Date:	01/29/2008 12:12	Analyst:	BJB3	Inj. Vol:	.5 uL
Prep Date:	01/28/2008 17:06	Aliquot:	990 mL	Final Volume:	1 mL
Data File:	s5a2911.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.04 U	ug/L	1.25	4.04
129-00-0	Pyrene	U	4.04 U	ug/L	1.21	4.04
91-20-3	Naphthalene		10.1 =	ug/L	1.21	4.04
91-57-6	2-Methylnaphthalene	J	2.86 J	ug/L	1.21	4.04
91-58-7	2-Chloronaphthalene	U	4.04 U	ug/L	1.41	4.04
208-96-8	Acenaphthylene	U	4.04	ug/L	0.808	4.04
86-73-7	Fluorene	U	4.04	ug/L	0.808	4.04
85-01-8	Phenanthrene	U	4.04	ug/L	0.808	4.04
120-12-7	Anthracene	U	4.04	ug/L	0.808	4.04
206-44-0	Fluoranthene	U	4.04	ug/L	0.808	4.04
56-55-3	Benzo(a)anthracene	U	4.04	ug/L	0.808	4.04
218-01-9	Chrysene	U	4.04	ug/L	0.808	4.04
205-99-2	Benzo(b)fluoranthene	U	4.04	ug/L	0.808	4.04
207-08-9	Benzo(k)fluoranthene	U	4.04	ug/L	0.808	4.04
50-32-8	Benzo(a)pyrene	U	4.04	ug/L	0.808	4.04
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.04	ug/L	0.808	4.04
53-70-3	Dibenzo(a,h)anthracene	U	4.04	ug/L	0.808	4.04
191-24-2	Benzo(ghi)perylene	U	4.04	ug/L	0.808	4.04

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537004 CLIENT ID: AK0918

CONTRACT: SAIC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	34	ug/L			MS	0.0[illegible]	1	ICPMS6	080131-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 08:39	Matrix:	WATER
Lab Sample ID:	201682002	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1018	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	20
Run Date:	02/05/2008 14:42	Analyst:	CDSI	Purge Vol:	5 mL
Prep Date:	02/05/2008 14:42				
Data File:	2w217.d	Column:	DB-624	Level:	LOW

USP

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		171 =	ug/L	6.00	20.0
108-88-3	Toluene	D	4770 =	ug/L	5.00	20.0
100-41-4	Ethylbenzene		577 =	ug/L	5.00	20.0
1330-20-7	Xylenes (total)		3610 =	ug/L	5.00	20.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	**Date Collected:**	01/24/2008 08:39	**Matrix:**	WATER
Lab Sample ID:	201682002	**Date Received:**	01/25/2008 14:07		
		Client:	SAIC085	**Project:**	SAIC08507
Client ID:	AK1018	**Method:**	SW846 8270C	**SOP Ref:**	GL-OA-E-009
Batch ID:	722061	**Inst:**	MSD7.I	**Dilution:**	1
Run Date:	01/29/2008 16:57	**Analyst:**	RMB	**Inj. Vol:**	.5 uL
Prep Date:	01/29/2008 14:08	**Aliquot:**	1000 mL	**Final Volume:**	1 mL
Data File:	s7a2909.d	**Column:**	J & W DB-5MS	**Level:**	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		4.69 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.975 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 METHOD TYPE: SW846

SAMPLE ID: 201682002 CLIENT ID: AK1018

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 25-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	16.2	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 09:36	Matrix:	WATER
Lab Sample ID:	201682003	Date Received:	01/25/2008 14:07		
		Client:	SA1C085	Project:	SA1C08507
Client ID:	AK1118	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	100
Run Date:	02/07/2008 09:58	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/07/2008 09:58	Column:	DB-624	Level:	LOW
Data File:	2w408.d				

CAS No.	Parmname	Qualifier	Result		Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		133	=	ug/L	30.0	100
108-88-3	Toluene		6680	=	ug/L	25.0	100
100-41-4	Ethylbenzene		1070	=	ug/L	25.0	100
1330-20-7	Xylenes (total)	B	5670	=	Fol, ug/L Fo2	25.0	100

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201682
Lab Sample ID: 201682003

Client ID: AK1118
Batch ID: 722061
Run Date: 01/29/2008 17:18
Prep Date: 01/29/2008 14:08
Data File: s7a2910.d

Date Collected: 01/24/2008 09:36
Date Received: 01/25/2008 14:07
Client: SAIC08
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 980 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: 5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.316	1.02
129-00-0	Pyrene	U	1.02 U	ug/L	0.306	1.02
91-20-3	Naphthalene		6.72 =	ug/L	0.306	1.02
91-57-6	2-Methylnaphthalene		3.36 =	ug/L	0.306	1.02
91-58-7	2-Chloronaphthalene	U	1.02 U	ug/L	0.357	1.02
208-96-8	Acenaphthylene	U	1.02	ug/L	0.204	1.02
86-73-7	Fluorene	U	1.02	ug/L	0.204	1.02
85-01-8	Phenanthrene	U	1.02	ug/L	0.204	1.02
120-12-7	Anthracene	U	1.02	ug/L	0.204	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.204	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.204	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.204	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.204	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.204	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.204	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.204	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.204	1.02
191-24-2	Benzo(ghi)perylene	U	1.02	ug/L	0.204	1.02

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 METHOD TYPE: SW846

SAMPLE ID: 201682003 CLIENT ID: AK1118

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 25-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	36.4	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 10:30	Matrix:	WATER
Lab Sample ID:	201682004	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1218	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	1
Run Date:	02/07/2008 07:59	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/07/2008 07:59	Column:	DB-624	Level:	LOW
Data File:	2w404.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene		4.46 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene		83.9 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	B	192 = F01, F08	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 10:30	Matrix:	WATER
Lab Sample ID:	201682004	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1218	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722061	Inst:	MSD7.1	Dilution:	1
Run Date:	01/29/2008 17:39	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/29/2008 14:08	Aliquot:	980 mL	Final Volume:	1 mL
Data File:	s7a2911.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.51[illegible]	1.02
129-00-0	Pyrene	U	1.02 U	ug/L	0.50[illegible]	1.02
91-20-3	Naphthalene		6.52 =	ug/L	0.50[illegible]	1.02
91-57-6	2-Methylnaphthalene		3.41 =	ug/L	0.50[illegible]	1.02
91-58-7	2-Chloronaphthalene	U	1.02 U	ug/L	0.35[illegible]	1.02
208-96-8	Acenaphthylene	U	1.02	ug/L	0.20[illegible]	1.02
86-73-7	Fluorene	U	1.02	ug/L	0.20[illegible]	1.02
85-01-8	Phenanthrene	J	0.528 J	ug/L	0.20[illegible]	1.02
120-12-7	Anthracene	U	1.02 U	ug/L	0.20[illegible]	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.20[illegible]	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.20[illegible]	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.20[illegible]	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.20[illegible]	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.20[illegible]	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.20[illegible]	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.20[illegible]	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.20[illegible]	1.02
191-24-2	Benzo(ghi)perylene	U	1.02	ug/L	0.20[illegible]	1.02

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 METHOD TYPE: SW846

SAMPLE ID: 201682004 CLIENT ID: AK1218

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 25-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	12.8	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 10:30	Matrix:	WATER
Lab Sample ID:	201682005	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1214 DUPLICATE	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	1
Run Date:	02/07/2008 08:29	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/07/2008 08:29	Column:	DB-624	Level:	LOW
Data File:	2w405.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene		4.12 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene		80.1 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	B	183 = F01,	ug/L F08	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201682
Lab Sample ID: 201682005

Client ID: AK1214 DUPLICATE
Batch ID: 722061
Run Date: 01/29/2008 18:03
Prep Date: 01/29/2008 14:08
Data File: s7a2912.d

Date Collected: 01/24/2008 10:30
Date Received: 01/25/2008 14:07
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.3
Analyst: RMB
Aliquot: 970 mL
Column: J & W DB-5MS

Matrix: WATER
Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.03 U	ug/L	0.370	1.03
129-00-0	Pyrene	U	1.03 U	ug/L	0.308	1.03
91-20-3	Naphthalene		6.96 =	ug/L	0.308	1.03
91-57-6	2-Methylnaphthalene		3.47 =	ug/L	0.308	1.03
91-58-7	2-Chloronaphthalene	U	1.03 U	ug/L	0.360	1.03
208-96-8	Acenaphthylene	U	1.03	ug/L	0.308	1.03
86-73-7	Fluorene	U	1.03	ug/L	0.206	1.03
85-01-8	Phenanthrene	J	0.533 J	ug/L	0.206	1.03
120-12-7	Anthracene	U	1.03 U	ug/L	0.206	1.03
206-44-0	Fluoranthene	U	1.03	ug/L	0.206	1.03
56-55-3	Benzo(a)anthracene	U	1.03	ug/L	0.206	1.03
218-01-9	Chrysene	U	1.03	ug/L	0.206	1.03
205-99-2	Benzo(b)fluoranthene	U	1.03	ug/L	0.206	1.03
207-08-9	Benzo(k)fluoranthene	U	1.03	ug/L	0.206	1.03
50-32-8	Benzo(a)pyrene	U	1.03	ug/L	0.206	1.03
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.03	ug/L	0.206	1.03
53-70-3	Dibenzo(a,h)anthracene	U	1.03	ug/L	0.206	1.03
191-24-2	Benzo(ghi)perylene	U	1.03	ug/L	0.206	1.03

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 **METHOD TYPE:** SW846

SAMPLE ID: 201682005 **CLIENT ID:** AK1214 DUPLICATE

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 25-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	12.1	ug/L			MS	0.05	1	ICPMS5	080205-1

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DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 11:34	Matrix:	WATER
Lab Sample ID:	201682006	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1318	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	1
Run Date:	02/07/2008 10:27	Analyst:	CDSJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 10:27				
Data File:	2w409.d	Column:	DB-624	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	J	0.538 J	ug/L	0.300	1.00
108-88-3	Toluene	J	0.476 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	U	1.00 U	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	BJ	~~1.00 0.277~~ U F01,	ug/L F06	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 11:34	Matrix:	WATER
Lab Sample ID:	201682006	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1318	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722061	Inst:	MSD7.1	Dilution:	1
Run Date:	01/29/2008 18:22	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/29/2008 14:08	Aliquot:	980 mL	Final Volume:	1 mL
Data File:	s7a2913.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.316	1.02
129-00-0	Pyrene	U	1.02	ug/L	0.306	1.02
91-20-3	Naphthalene	U	1.02	ug/L	0.306	1.02
91-57-6	2-Methylnaphthalene	U	1.02	ug/L	0.306	1.02
91-58-7	2-Chloronaphthalene	U	1.02	ug/L	0.357	1.02
208-96-8	Acenaphthylene	U	1.02	ug/L	0.204	1.02
86-73-7	Fluorene	U	1.02	ug/L	0.204	1.02
85-01-8	Phenanthrene	U	1.02	ug/L	0.204	1.02
120-12-7	Anthracene	U	1.02	ug/L	0.204	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.204	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.204	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.204	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.204	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.204	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.204	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.204	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.204	1.02
191-24-2	Benzo(ghi)perylene	U	1.02	ug/L	0.204	1.02

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 **METHOD TYPE:** SW846

SAMPLE ID: 201682006 **CLIENT ID:** AK1318

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 25-JAN-08 **LEVEL:** Low **% SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.630	ug/L	B		MS	0.05	1	ICPMS5	080205-1

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DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 12:12	Matrix:	GROUND WATER
Lab Sample ID:	201537005	Date Received:	01/24/2008 15:05		
		Client:	SA1C085	Project:	SA1C08507
Client ID:	AK1418	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	50
Run Date:	02/04/2008 21:42	Analyst:	CDSJ	Purge Vol:	5 mL
Prep Date:	02/04/2008 21:42				
Data File:	2w130.d	Column:	DB-624	Level:	LOW

USL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		738 =	ug/L	15.0	50.0
108-88-3	Toluene	D 26130	5680 =	ug/L	12.5	50.0
100-41-4	Ethylbenzene		808 =	ug/L	12.5	50.0
1330-20-7	Xylenes (total)		3680 =	ug/L	12.5	50.0

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 12:12	Matrix:	GROUND WATER
Lab Sample ID:	201537005	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1418	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	721970	Inst:	MSD5.I	Dilution:	4
Run Date:	01/29/2008 12:33	Analyst:	BJB1	Inj. Vol:	.5 uL
Prep Date:	01/28/2008 17:06	Aliquot:	990 mL	Final Volume:	1 mL
Data File:	s5a2912.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.04 U	ug/L	1.25	4.04
129-00-0	Pyrene	U	4.04 U	ug/L	1.21	4.04
91-20-3	Naphthalene		6.48 =	ug/L	1.21	4.04
91-57-6	2-Methylnaphthalene	J	1.62 J	ug/L	1.21	4.04
91-58-7	2-Chloronaphthalene	U	4.04 U	ug/L	1.41	4.04
208-96-8	Acenaphthylene	U	4.04	ug/L	0.808	4.04
86-73-7	Fluorene	U	4.04	ug/L	0.808	4.04
85-01-8	Phenanthrene	U	4.04	ug/L	0.808	4.04
120-12-7	Anthracene	U	4.04	ug/L	0.808	4.04
206-44-0	Fluoranthene	U	4.04	ug/L	0.808	4.04
56-55-3	Benzo(a)anthracene	U	4.04	ug/L	0.808	4.04
218-01-9	Chrysene	U	4.04	ug/L	0.808	4.04
205-99-2	Benzo(b)fluoranthene	U	4.04	ug/L	0.808	4.04
207-08-9	Benzo(k)fluoranthene	U	4.04	ug/L	0.808	4.04
50-32-8	Benzo(a)pyrene	U	4.04	ug/L	0.808	4.04
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.04	ug/L	0.808	4.04
53-70-3	Dibenzo(a,h)anthracene	U	4.04	ug/L	0.808	4.04
191-24-2	Benzo(ghi)perylene	U	4.04	ug/L	0.808	4.04

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537005 CLIENT ID: AK141§

CONTRACT: SAIC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte		Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	=	32.9	ug/L			MS	0.05	1	ICPMS6	080131-3

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 13:10	Matrix:	GROUND WATER
Lab Sample ID:	201537006	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1518	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	10
Run Date:	02/04/2008 22:11	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/04/2008 22:11	Column:	DB-624	Level:	LOW
Data File:	2w131.d				

USG

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		156 =	ug/L	3.00	10.0
108-88-3	Toluene	D E 1149	~~1070~~ =	ug/L	2.50	10.0
100-41-4	Ethylbenzene		384 =	ug/L	2.50	10.0
1330-20-7	Xylenes (total)		1800 =	ug/L	2.50	10.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	**Date Collected:**	01/23/2008 13:30	**Matrix:**	GROUND WATER
Lab Sample ID:	201537006	**Date Received:**	01/24/2008 15:05		
		Client:	SAIC085	**Project:**	SAIC08507
Client ID:	AK1538	**Method:**	SW846 8270C	**SOP Ref:**	GL-OA-E-009
Batch ID:	721970	**Inst:**	MSD5.I	**Dilution:**	4
Run Date:	01/29/2008 12:55	**Analyst:**	BJB1	**Inj. Vol:**	.5 uL
Prep Date:	01/28/2008 17:06	**Aliquot:**	1050 mL	**Final Volume:**	1 mL
Data File:	s5a2913.d	**Column:**	J&W DB-5MS	**Level:**	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	3.81 U	ug/L	1.18	3.81
129-00-0	Pyrene	U	3.81 U	ug/L	1.14	3.81
91-20-3	Naphthalene		5.24 =	ug/L	1.14	3.81
91-57-6	2-Methylnaphthalene	U	3.81 U	ug/L	1.14	3.81
91-58-7	2-Chloronaphthalene	U	3.81	ug/L	1.33	3.81
208-96-8	Acenaphthylene	U	3.81	ug/L	0.762	3.81
86-73-7	Fluorene	U	3.81	ug/L	0.762	3.81
85-01-8	Phenanthrene	U	3.81	ug/L	0.762	3.81
120-12-7	Anthracene	U	3.81	ug/L	0.762	3.81
206-44-0	Fluoranthene	U	3.81	ug/L	0.762	3.81
56-55-3	Benzo(a)anthracene	U	3.81	ug/L	0.762	3.81
218-01-9	Chrysene	U	3.81	ug/L	0.762	3.81
205-99-2	Benzo(b)fluoranthene	U	3.81	ug/L	0.762	3.81
207-08-9	Benzo(k)fluoranthene	U	3.81	ug/L	0.762	3.81
50-32-8	Benzo(a)pyrene	U	3.81	ug/L	0.762	3.81
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.81	ug/L	0.762	3.81
53-70-3	Dibenzo(a,h)anthracene	U	3.81	ug/L	0.762	3.81
191-24-2	Benzo(ghi)perylene	U	3.81	ug/L	0.762	3.81

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537006 CLIENT ID: AK1518

CONTRACT: SAJC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	10.4	ug/L			MS	0.05	1	ICPMS1	080131-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 13:28	Matrix:	WATER
Lab Sample ID:	201682007	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1618	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.1	Dilution:	20
Run Date:	02/07/2008 14:54	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/07/2008 14:54	Column:	DB-624	Level:	LOW
Data File:	2w418.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		35.5 =	ug/L	6.00	20.0
108-88-3	Toluene		333 =	ug/L	5.00	20.0
100-41-4	Ethylbenzene		810 =	ug/L	5.00	20.0
1330-20-7	Xylenes (total)	B	3570 = F01,	ug/L F08	5.00	20.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201682
Lab Sample ID: 201682007

Client ID: AK1618
Batch ID: 722063
Run Date: 01/29/2008 18:44
Prep Date: 01/29/2008 14:08
Data File: s7a2914.d

Date Collected: 01/24/2008 13:28
Date Received: 01/25/2008 14:07
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 980 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.02 U	ug/L	0.316	1.02
129-00-0	Pyrene	U	1.02 U	ug/L	0.306	1.02
91-20-3	Naphthalene		9.75 =	ug/L	0.306	1.02
91-57-6	2-Methylnaphthalene		2.12 =	ug/L	0.306	1.02
91-58-7	2-Chloronaphthalene	U	1.02 U	ug/L	0.357	1.02
208-96-8	Acenaphthylene	U	1.02 U	ug/L	0.204	1.02
86-73-7	Fluorene	J	0.349 J	ug/L	0.204	1.02
85-01-8	Phenanthrene	U	1.02 U	ug/L	0.204	1.02
120-12-7	Anthracene	U	1.02	ug/L	0.204	1.02
206-44-0	Fluoranthene	U	1.02	ug/L	0.204	1.02
56-55-3	Benzo(a)anthracene	U	1.02	ug/L	0.204	1.02
218-01-9	Chrysene	U	1.02	ug/L	0.204	1.02
205-99-2	Benzo(b)fluoranthene	U	1.02	ug/L	0.204	1.02
207-08-9	Benzo(k)fluoranthene	U	1.02	ug/L	0.204	1.02
50-32-8	Benzo(a)pyrene	U	1.02	ug/L	0.204	1.02
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.02	ug/L	0.204	1.02
53-70-3	Dibenzo(a,h)anthracene	U	1.02	ug/L	0.204	1.02
191-24-2	Benzo(ghi)perylene	U	1.02	ug/L	0.204	1.02

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 **METHOD TYPE:** SW846

SAMPLE ID: 201682007 **CLIENT ID:** AK1618

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 25-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte		Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	=	6.5	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 14:28	Matrix:	WATER
Lab Sample ID:	201682008	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1718	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724167	Inst:	VOA2.I	Dilution:	1
Run Date:	02/05/2008 17:05	Analyst:	CDSJ	Purge Vol:	5 mL
Prep Date:	02/05/2008 17:05	Column:	DB-624	Level:	LOW
Data File:	2w222.d				

USA

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		5.97 =	ug/L	0.300	1.00
108-88-3	Toluene	D R	2350 782 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D R	440 262 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	DB	2070 920 =	FQ1, ug/L FQB	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 14:28	Matrix:	WATER
Lab Sample ID:	201682008	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1718	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722061	Inst:	MSD7.1	Dilution:	1
Run Date:	01/29/2008 19:05	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/29/2008 14:08	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a2915.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		4.05 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.15 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 **METHOD TYPE:** SW846

SAMPLE ID: 201682008 **CLIENT ID:** AK1718

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 25-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	14.8	ug/L			MS	0.0[illegible]	1	ICPMS[illegible]	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	**Date Collected:**	01/24/2008 14:28	**Matrix:**	WATER
Lab Sample ID:	201682009	**Date Received:**	01/25/2008 14:07		
Client ID:	AK1714 DUPLICATE	**Client:**	SAIC085	**Project:**	SAIC08507
Batch ID:	724167	**Method:**	SW846 8260B	**SOP Ref:**	GL-OA-E-038
Run Date:	02/07/2008 12:53	**Inst:**	VOA2.I	**Dilution:**	1
Prep Date:	02/07/2008 12:53	**Analyst:**	CDS1	**Purge Vol:**	5 mL
Data File:	2w414.d	**Column:**	DB-624	**Level:**	LOW

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		6.51 =	ug/L	0.300	1.00
108-88-3	Toluene	D E 225	910 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 415	317 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	DB E 1910	1460 =	ug/L FOB FOI	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 14:25	Matrix:	WATER
Lab Sample ID:	201682009	Date Received:	01/25/2008 14:07		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1734 DUPLICATE	Method:	SW846 8270C	SOP Ref:	GL-OA-E-089
Batch ID:	722061	Inst:	MSD7.1	Dilution:	1
Run Date:	01/29/2008 19:26	Analyst:	RMB	Inj. Vol:	5 uL
Prep Date:	01/29/2008 14:08	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a2916.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		3.78 =	ug/L	0.30	1.00
91-57-6	2-Methylnaphthalene		1.01 =	ug/L	0.30	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.20	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.20	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.20	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.20	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.20	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.20	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.20	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.20	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.20	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.20	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 **METHOD TYPE:** SW846

SAMPLE ID: 201682009 **CLIENT ID:** AK1714 DUPLICATE

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 25-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	12.6	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	**Date Collected:**	01/24/2008 15:25	**Matrix:**	WATER
Lab Sample ID:	201682010	**Date Received:**	01/25/2008 14:07		
		Client:	SAIC085	**Project:**	SAIC08507
Client ID:	AK1818	**Method:**	SW846 8260B	**SOP Ref:**	GL-OA-E-038
Batch ID:	724167	**Inst:**	VOA2.I	**Dilution:**	1
Run Date:	02/05/2008 22:42	**Analyst:**	CDS1	**Purge Vol:**	5 mL
Prep Date:	02/05/2008 22:42				
Data File:	2w233.d	**Column:**	DB-624	**Level:**	LOW

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		1.56 =	ug/L	0.300	1.00
108-88-3	Toluene	D E 246 172 =		ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 1500 430 =		ug/L	0.250	1.00
1330-20-7	Xylenes (total)	DB 5190 1420 = Fo1, Fo8		ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201682	Date Collected:	01/24/2008 15:25	Matrix:	WATER
Lab Sample ID:	201682030	Date Received:	01/25/2008 14:07		
		Client:	SATC085	Project:	SATC08507
Client ID:	AK1818	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722061	Inst:	MSD7.I	Dilution:	1
Run Date:	01/29/2008 19:47	Analyst:	RMB	Inj. Vol:	2 uL
Prep Date:	01/29/2008 14:08	Aliquot:	1040 mL	Final Volume:	1 mL
Data File:	s7a2917.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	0.962 U	ug/L	0.298	0.962
129-00-0	Pyrene	U	0.962	ug/L	0.288	0.962
91-20-3	Naphthalene	U	0.962	ug/L	0.288	0.962
91-57-6	2-Methylnaphthalene	U	0.962	ug/L	0.288	0.962
91-58-7	2-Chloronaphthalene	U	0.962	ug/L	0.335	0.962
208-96-8	Acenaphthylene	U	0.962	ug/L	0.192	0.962
86-73-7	Fluorene	U	0.962	ug/L	0.192	0.962
85-01-8	Phenanthrene	J	0.328 J	ug/L	0.192	0.962
120-12-7	Anthracene	U	0.962 U	ug/L	0.192	0.962
206-44-0	Fluoranthene	U	0.962	ug/L	0.192	0.962
56-55-3	Benzo(a)anthracene	U	0.962	ug/L	0.192	0.962
218-01-9	Chrysene	U	0.962	ug/L	0.192	0.962
205-99-2	Benzo(b)fluoranthene	U	0.962	ug/L	0.192	0.962
207-08-9	Benzo(k)fluoranthene	U	0.962	ug/L	0.192	0.962
50-32-8	Benzo(a)pyrene	U	0.962	ug/L	0.192	0.962
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.962	ug/L	0.192	0.962
53-70-3	Dibenzo(a,h)anthracene	U	0.962	ug/L	0.192	0.962
191-24-2	Benzo(ghi)perylene	U	0.962	ug/L	0.192	0.962

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201682 METHOD TYPE: SW846

SAMPLE ID: 201682010 CLIENT ID: AK1818

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 25-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	30	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 08:38	Matrix:	WATER
Lab Sample ID:	201706001	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1918	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	1
Run Date:	02/07/2008 19:33	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 19:33				
Data File:	1w413.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	J	0.329 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.266 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	BJ	1.0 ~~0.840~~ U F01,	ug/L F06	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 08:38	Matrix:	WATER
Lab Sample ID:	201706001	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK1918	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722376	Inst:	MSD8.I	Dilution:	1
Run Date:	01/30/2008 19:30	Analyst:	NAG1	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 14:23	Aliquot:	1010 mL	Final Volume:	1 mL
Data File:	s8a3022.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	0.990 U	ug/L	0.307	0.990
129-00-0	Pyrene	U	0.990	ug/L	0.297	0.990
91-20-3	Naphthalene	U	0.990	ug/L	0.297	0.990
91-57-6	2-Methylnaphthalene	U	0.990	ug/L	0.297	0.990
91-58-7	2-Chloronaphthalene	U	0.990	ug/L	0.347	0.990
208-96-8	Acenaphthylene	U	0.990	ug/L	0.198	0.990
86-73-7	Fluorene	U	0.990	ug/L	0.198	0.990
85-01-8	Phenanthrene	U	0.990	ug/L	0.198	0.990
120-12-7	Anthracene	U	0.990	ug/L	0.198	0.990
206-44-0	Fluoranthene	U	0.990	ug/L	0.198	0.990
56-55-3	Benzo(a)anthracene	U	0.990	ug/L	0.198	0.990
218-01-9	Chrysene	U	0.990	ug/L	0.198	0.990
205-99-2	Benzo(b)fluoranthene	U	0.990	ug/L	0.198	0.990
207-08-9	Benzo(k)fluoranthene	U	0.990	ug/L	0.198	0.990
50-32-8	Benzo(a)pyrene	U	0.990 UJ C05	ug/L	0.198	0.990
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.990	ug/L	0.198	0.990
53-70-3	Dibenzo(a,h)anthracene	U	0.990	ug/L	0.198	0.990
191-24-2	Benzo(ghi)perylene					

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706001 CLIENT ID: AK1918

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.180	ug/L	B		MS	0.05	1	ICPMS5	080205-1

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DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 15:15	Matrix:	GROUND WATER
Lab Sample ID:	201537008	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2018	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.1	Dilution:	20
Run Date:	02/05/2008 12:05	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/05/2008 12:05	Column:	DB-624	Level:	LOW
Data File:	2w212.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		448	ug/L	6.00	20.0
108-88-3	Toluene		1370	ug/L	5.00	20.0
100-41-4	Ethylbenzene		653	ug/L	5.00	20.0
1330-20-7	Xylenes (total)		3280	ug/L	5.00	20.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 15:15	Matrix:	GROUND WATER
Lab Sample ID:	201537008	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2018	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	721970	Inst:	MSD5.I	Dilution:	4
Run Date:	01/29/2008 14:19	Analyst:	BJB1	Inj. Vol:	.5 uL
Prep Date:	01/28/2008 17:06	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s5a2917.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.00 U	ug/L	1.24	4.00
129-00-0	Pyrene	U	4.00 U	ug/L	1.20	4.00
91-20-3	Naphthalene	J	3.37 J	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	U	4.00 U	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	4.00	ug/L	1.40	4.00
208-96-8	Acenaphthylene	U	4.00	ug/L	0.800	4.00
86-73-7	Fluorene	U	4.00	ug/L	0.800	4.00
85-01-8	Phenanthrene	U	4.00	ug/L	0.800	4.00
120-12-7	Anthracene	U	4.00	ug/L	0.800	4.00
206-44-0	Fluoranthene	U	4.00	ug/L	0.800	4.00
56-55-3	Benzo(a)anthracene	U	4.00	ug/L	0.800	4.00
218-01-9	Chrysene	U	4.00	ug/L	0.800	4.00
205-99-2	Benzo(b)fluoranthene	U	4.00	ug/L	0.800	4.00
207-08-9	Benzo(k)fluoranthene	U	4.00	ug/L	0.800	4.00
50-32-8	Benzo(a)pyrene	U	4.00	ug/L	0.800	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.00	ug/L	0.800	4.00
53-70-3	Dibenzo(a,h)anthracene	U	4.00	ug/L	0.800	4.00
191-24-2	Benzo(ghi)perylene	U	4.00	ug/L	0.800	4.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537008 CLIENT ID: AK2008

CONTRACT: SAJC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low % SOLIDS:

CAS No	Analyte	Result	Unit:	C	Qual	M	IDL	DI	Instrument ID	Analytical Run
7439-92-1	Lead	204	ug/L			MS	0.25	5	ICPMS6	080201-2

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DATA VALIDATION COPY

Volatile

Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 14:18	Matrix:	GROUND WATER
Lab Sample ID:	201537007	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2118	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	50
Run Date:	02/04/2008 22:39	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/04/2008 22:39	Column:	DB-624	Level:	LOW
Data File:	2w132.d				

USP

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		599 =	ug/L	15.0	50.0
108-88-3	Toluene	D E5460	~~5220~~ =	ug/L	12.5	50.0
100-41-4	Ethylbenzene		786 =	ug/L	12.5	50.0
1330-20-7	Xylenes (total)		3570 =	ug/L	12.5	50.0

DATA VALIDATION

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 14:18	Matrix:	GROUND WATER
Lab Sample ID:	201537007	Date Received:	01/24/2008 15:05		
		Client:	SA1C085	Project:	SA1C08507
Client ID:	AK2118	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	721970	Inst:	MSD5J	Dilution:	4
Run Date:	01/29/2008 13:58	Analyst:	BJB1	Inj. Vol:	.5 uL
Prep Date:	01/28/2008 17:06	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s5a2916.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.00 U	ug/L	1.24	4.00
129-00-0	Pyrene	U	4.00 U	ug/L	1.20	4.00
91-20-3	Naphthalene		5.86 =	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	J	1.22 J	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	4.00 U	ug/L	1.40	4.00
208-96-8	Acenaphthylene	U	4.00	ug/L	0.800	4.00
86-73-7	Fluorene	U	4.00	ug/L	0.800	4.00
85-01-8	Phenanthrene	U	4.00	ug/L	0.800	4.00
120-12-7	Anthracene	U	4.00	ug/L	0.800	4.00
206-44-0	Fluoranthene	U	4.00	ug/L	0.800	4.00
56-55-3	Benzo(a)anthracene	U	4.00	ug/L	0.800	4.00
218-01-9	Chrysene	U	4.00	ug/L	0.800	4.00
205-99-2	Benzo(b)fluoranthene	U	4.00	ug/L	0.800	4.00
207-08-9	Benzo(k)fluoranthene	U	4.00	ug/L	0.800	4.00
50-32-8	Benzo(a)pyrene	U	4.00	ug/L	0.800	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.00	ug/L	0.800	4.00
53-70-3	Dibenzo(a,h)anthracene	U	4.00	ug/L	0.800	4.00
191-24-2	Benzo(ghi)perylene	U	4.00	ug/L	0.800	4.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201537 METHOD TYPE: SW846

SAMPLE ID: 201537007 CLIENT ID: AK2118

CONTRACT: SAIC08507

MATRIX:G DATE RECEIVED 24-JAN-08 LEVEL: Low % SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	57.2	ug/L			MS	0.05	1	ICPMSe	080131-7

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 09:35	Matrix:	WATER
Lab Sample ID:	201706002	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2218	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	5
Run Date:	02/07/2008 20:57	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 20:57	Column:	RTX-Volatiles	Level:	LOW
Data File:	1w416.d				

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		497 =	ug/L	1.50	5.00
108-88-3	Toluene		250 =	ug/L	1.25	5.00
100-41-4	Ethylbenzene	D E 548	~~580~~ =	ug/L	1.25	5.00
1330-20-7	Xylenes (total)	B	2160 =	Fol, ug/L Fo?	1.25	5.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 09:35	Matrix:	WATER
Lab Sample ID:	201706002	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2218	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722376	Inst:	MSD8.I	Dilution:	4
Run Date:	01/30/2008 16:13	Analyst:	NAG1	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 14:23	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s8a3013.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.00 U	ug/L	1.24	4.00
129-00-0	Pyrene	U	4.00 U	ug/L	1.20	4.00
91-20-3	Naphthalene		7.01 =	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	J	1.48 J	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	4.00 U	ug/L	1.40	4.00
208-96-8	Acenaphthylene	U	4.00	ug/L	0.800	4.00
86-73-7	Fluorene	U	4.00	ug/L	0.800	4.00
85-01-8	Phenanthrene	U	4.00	ug/L	0.800	4.00
120-12-7	Anthracene	U	4.00	ug/L	0.800	4.00
206-44-0	Fluoranthene	U	4.00	ug/L	0.800	4.00
56-55-3	Benzo(a)anthracene	U	4.00	ug/L	0.800	4.00
218-01-9	Chrysene	U	4.00	ug/L	0.800	4.00
205-99-2	Benzo(b)fluoranthene	U	4.00	ug/L	0.800	4.00
207-08-9	Benzo(k)fluoranthene	U	4.00	ug/L	0.800	4.00
50-32-8	Benzo(a)pyrene	U	4.00	ug/L	0.800	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.00 U5 COS	ug/L	0.800	4.00
53-70-3	Dibenzo(a,h)anthracene	U	4.00	ug/L	0.800	4.00
191-24-2	Benzo(ghi)perylene	U	4.00	ug/L	0.800	4.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706002 CLIENT ID: AK2218

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	9.4	ug/L			MS	0.05	1	ICPMS5	080205-1

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DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 11:01	Matrix:	WATER
Lab Sample ID:	201706003	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2318	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	10
Run Date:	02/08/2008 12:34	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/08/2008 12:34				
Data File:	lw510.d	Column:	RTX-Volatiles	Level:	LOW

USE

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		93.4 =	ug/L	3.00	10.0
108-88-3	Toluene		21.4 =	ug/L	2.50	10.0
100-41-4	Ethylbenzene		871 =	ug/L	2.50	10.0
1330-20-7	Xylenes (total)	D J B	2550 2480 =	Fol, ug/L FOB	2.50	10.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 11:01	Matrix:	WATER
Lab Sample ID:	201706003	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2318	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722376	Inst:	MSD8.I	Dilution:	4
Run Date:	01/30/2008 16:34	Analyst:	NAG1	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 14:23	Aliquot:	1005 mL	Final Volume:	1 mL
Data File:	s8a3014.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	3.98 U	ug/L	1.23	3.98
129-00-0	Pyrene	U	3.98 U	ug/L	1.19	3.98
91-20-3	Naphthalene		14.2 =	ug/L	1.19	3.98
91-57-6	2-Methylnaphthalene	J	3.11 J	ug/L	1.19	3.98
91-58-7	2-Chloronaphthalene	U	3.98 U	ug/L	1.39	3.98
208-96-8	Acenaphthylene	U	3.98	ug/L	0.796	3.98
86-73-7	Fluorene	U	3.98	ug/L	0.796	3.98
85-01-8	Phenanthrene	U	3.98	ug/L	0.796	3.98
120-12-7	Anthracene	U	3.98	ug/L	0.796	3.98
206-44-0	Fluoranthene	U	3.98	ug/L	0.796	3.98
56-55-3	Benzo(a)anthracene	U	3.98	ug/L	0.796	3.98
218-01-9	Chrysene	U	3.98	ug/L	0.796	3.98
205-99-2	Benzo(b)fluoranthene	U	3.98	ug/L	0.796	3.98
207-08-9	Benzo(k)fluoranthene	U	3.98	ug/L	0.796	3.98
50-32-8	Benzo(a)pyrene	U	3.98	ug/L	0.796	3.98
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.98 UJ COS	ug/L	0.796	3.98
53-70-3	Dibenzo(a,h)anthracene	U	3.98	ug/L	0.796	3.98
191-24-2	Benzo(ghi)perylene	U	3.98	ug/L	0.796	3.98

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706003 CLIENT ID: AK2318

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	69.7	ug/L			MS	0.05	1	ICPMS5	080205-1

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DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 12:04	Matrix:	WATER
Lab Sample ID:	201706004	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2418	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	1
Run Date:	02/07/2008 20:01	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 20:01				
Data File:	1w414.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	J	0.399 J	ug/L	0.300	1.00
108-88-3	Toluene		6.55 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene		50.3 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	B	143 = F01, ug/L F08		0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 12:04	Matrix:	WATER
Lab Sample ID:	201706004	Date Received:	01/26/2008 14:15		
		Client:	SAIC08S	Project:	SAIC08507
Client ID:	AK2418	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722376	Inst:	MSD8.I	Dilution:	4
Run Date:	01/30/2008 16:56	Analyst:	NAG1	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 14:23	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s8a3015.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.00 UJ	ug/L	1.24	4.00
129-00-0	Pyrene	U	4.00	ug/L	1.20	4.00
91-20-3	Naphthalene	U	4.00	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	U	4.00	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	4.00	ug/L	1.40	4.00
208-96-8	Acenaphthylene	U	4.00	ug/L	0.800	4.00
86-73-7	Fluorene	U	4.00	ug/L	0.800	4.00
85-01-8	Phenanthrene	U	4.00	ug/L	0.800	4.00
120-12-7	Anthracene	U	4.00	ug/L	0.800	4.00
206-44-0	Fluoranthene	U	4.00	ug/L	0.800	4.00
56-55-3	Benzo(a)anthracene	U	4.00	ug/L	0.800	4.00
218-01-9	Chrysene	U	4.00	ug/L	0.800	4.00
205-99-2	Benzo(b)fluoranthene	U	4.00	ug/L	0.800	4.00
207-08-9	Benzo(k)fluoranthene	U	4.00	ug/L	0.800	4.00
50-32-8	Benzo(a)pyrene	U	4.00 UJ COS	ug/L	0.800	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.00	ug/L	0.800	4.00
53-70-3	Dibenzo(a,h)anthracene	U	4.00	ug/L	0.800	4.00
191-24-2	Benzo(ghi)perylene					

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706004 CLIENT ID: AK2418

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	6	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 13:39	Matrix:	WATER
Lab Sample ID:	201706005	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2518	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	1
Run Date:	02/07/2008 20:29	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 20:29				
Data File:	1w415.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	U	1.00 U	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.252 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	BJ	1.0 ~~0.762~~ U F01, ~~ug/L~~ F06 W 03/06/08		0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 13:39	Matrix:	WATER
Lab Sample ID:	201706005	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2518	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722376	Inst:	MSD8.I	Dilution:	1
Run Date:	01/30/2008 18:02	Analyst:	NAG1	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 14:23	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s8a3018.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 UJ	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00 UJ CO5	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene					

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706005 CLIENT ID: AK2518

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.370	ug/L	B	J	MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201705-1	Date Collected:	01/25/2008 14:45	Matrix:	WATER
Lab Sample ID:	201706006	Date Received:	01/26/2008 14:15		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2618	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	10
Run Date:	02/07/2008 21:59	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/07/2008 21:59				
Data File:	1w417.d	Column:	RTX-Volatiles	Level:	LOW

USP

CAS No.	Parmname	Qualifier	Result		Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		382	=	ug/L	3.00	10.0
108-88-3	Toluene	D E	3280 2680	=	ug/L	2.50	10.0
100-41-4	Ethylbenzene		620	=	ug/L	2.50	10.0
1330-20-7	Xylenes (total)	D B	2580 2430	=	F01, ug/L F08	2.50	10.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201705-1
Lab Sample ID: 201706006

Client ID: AK2618
Batch ID: 722376
Run Date: 01/30/2008 18:24
Prep Date: 01/30/2008 14:23
Data File: s8a3019.d

Date Collected: 01/25/2008 14:45
Date Received: 01/26/2008 14:15
Client: SAIC085
Method: SW846 8270C
Inst: MSD8.I
Analyst: NAG1
Aliquot: 1010 mL
Column: J&W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 4
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	3.96 U	ug/L	1.23	3.96
129-00-0	Pyrene	U	3.96 U	ug/L	1.19	3.96
91-20-3	Naphthalene	J	3.41 J	ug/L	1.19	3.96
91-57-6	2-Methylnaphthalene	U	3.96 U	ug/L	1.19	3.96
91-58-7	2-Chloronaphthalene	U	3.96	ug/L	1.39	3.96
208-96-8	Acenaphthylene	U	3.96	ug/L	0.792	3.96
86-73-7	Fluorene	U	3.96	ug/L	0.792	3.96
85-01-8	Phenanthrene	U	3.96	ug/L	0.792	3.96
120-12-7	Anthracene	U	3.96	ug/L	0.792	3.96
206-44-0	Fluoranthene	U	3.96	ug/L	0.792	3.96
56-55-3	Benzo(a)anthracene	U	3.96	ug/L	0.792	3.96
218-01-9	Chrysene	U	3.96	ug/L	0.792	3.96
205-99-2	Benzo(b)fluoranthene	U	3.96	ug/L	0.792	3.96
207-08-9	Benzo(k)fluoranthene	U	3.96	ug/L	0.792	3.96
50-32-8	Benzo(a)pyrene	U	3.96 UJ CO5	ug/L	0.792	3.96
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.96	ug/L	0.792	3.96
53-70-3	Dibenzo(a,h)anthracene	U	3.96	ug/L	0.792	3.96
191-24-2	Benzo(ghi)perylene					

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201705-1 METHOD TYPE: SW846

SAMPLE ID: 201706006 CLIENT ID: AK2618

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 26-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	25.5	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 08:48	Matrix:	WATER
Lab Sample ID:	201710001	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2718	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	100
Run Date:	02/09/2008 16:10	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 16:10	Column:	RTX-Volatiles	Level:	LOW
Data File:	1w615.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		271	ug/L	30.0	100
108-88-3	Toluene		6570	ug/L	25.0	100
100-41-4	Ethylbenzene		680	ug/L	25.0	100
1330-20-7	Xylenes (total)		2720	ug/L	25.0	100

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710001

Client ID: AK2718
Batch ID: 722660
Run Date: 01/31/2008 13:02
Prep Date: 01/30/2008 17:14
Data File: s7a3109.d

Date Collected: 01/26/2008 08:48
Date Received: 01/27/2008 14:30
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.15 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710001 CLIENT ID: AK2718

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	10.3	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710002

Client ID: AK2714 DUPLICATE
Batch ID: 724348
Run Date: 02/09/2008 16:38
Prep Date: 02/09/2008 16:38
Data File: 1w616.d

Date Collected: 01/26/2008 08:48
Date Received: 01/27/2008 14:30
Client: SAIC085
Method: SW846 8260B
Inst: VOA1.I
Analyst: ACJ
Column: RTX-Volatiles

Matrix: WATER
Project: SAIC08507
SOP Ref: GL-OA-E-038
Dilution: 100
Purge Vol: 5 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		208	ug/L	30.0	100
108-88-3	Toluene		5210	ug/L	25.0	100
100-41-4	Ethylbenzene		543	ug/L	25.0	100
1330-20-7	Xylenes (total)		2160	ug/L	25.0	100

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710002

Client ID: AK2714 DUPLICATE
Batch ID: 722660
Run Date: 01/31/2008 13:23
Prep Date: 01/30/2008 17:14
Data File: s7a3110.d

Date Collected: 01/26/2008 08:48
Date Received: 01/27/2008 14:30
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.20 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710002 CLIENT ID: AK2714 DUPLICATE

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	11.2	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 09:56	Matrix:	WATER
Lab Sample ID:	201710003	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2818	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	20
Run Date:	02/09/2008 12:44	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 12:44				
Data File:	1w609.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		1360	ug/L	6.00	20.0
108-88-3	Toluene		555	ug/L	5.00	20.0
100-41-4	Ethylbenzene		715	ug/L	5.00	20.0
1330-20-7	Xylenes (total)		2650	ug/L	5.00	20.0

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 09:56	Matrix:	WATER
Lab Sample ID:	201710003	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2818	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.I	Dilution:	1
Run Date:	01/31/2008 13:44	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3111.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		10.3 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		2.07 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710003 CLIENT ID: AK2818

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	25.8	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 10:53	Matrix:	WATER
Lab Sample ID:	201710004	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2918	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	20
Run Date:	02/09/2008 13:12	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 13:12	Column:	RTX-Volatiles	Level:	LOW
Data File:	1w610.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		709	ug/L	6.00	20.0
108-88-3	Toluene		292	ug/L	5.00	20.0
100-41-4	Ethylbenzene		919	ug/L	5.00	20.0
1330-20-7	Xylenes (total)		3490	ug/L	5.00	20.0

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 10:53	Matrix:	WATER
Lab Sample ID:	201710004	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK2918	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.1	Dilution:	1
Run Date:	01/31/2008 14:05	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3112.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		7.36 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.54 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710004 CLIENT ID: AK2918

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	29.4	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 12:06	Matrix:	WATER
Lab Sample ID:	201710005	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3018	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	5
Run Date:	02/09/2008 13:40	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 13:40	Column:	RTX-Volatiles	Level:	LOW
Data File:	1w611.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		10.4 =	ug/L	1.50	5.00
108-88-3	Toluene	J	2.04 J	ug/L	1.25	5.00
100-41-4	Ethylbenzene		70.3 =	ug/L	1.25	5.00
1330-20-7	Xylenes (total)		330 =	ug/L	1.25	5.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 12:06	Matrix:	WATER
Lab Sample ID:	201710005	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3018	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.1	Dilution:	1
Run Date:	01/31/2008 14:26	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3113.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		1.14 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.462 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710005 CLIENT ID: AK3018

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	14.1	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 13:30	Matrix:	WATER
Lab Sample ID:	201710006	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3118	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	1
Run Date:	02/09/2008 10:22	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 10:22	Column:	RTX-Volatiles	Level:	LOW
Data File:	1w604.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	J	0.270 J	ug/L	0.250	1.00
100-41-4	Ethylbenzene	J	0.579 J	ug/L	0.250	1.00
1330-20-7	Xylenes (total)		1.74 =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710006

Client ID: AK3118
Batch ID: 723302
Run Date: 02/04/2008 12:58
Prep Date: 02/01/2008 17:25
Data File: s7b0406.d

Date Collected: 01/26/2008 13:30
Date Received: 01/27/2008 14:30
Client: SA1C085
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER
Project: SA1C08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710006 CLIENT ID: AK3118

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	13	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 08:45	Matrix:	WATER
Lab Sample ID:	201745001	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3218	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724925	Inst:	VOA9.I	Dilution:	1
Run Date:	02/08/2008 03:50	Analyst:	RXYJ	Purge Vol:	5 mL
Prep Date:	02/08/2008 03:50				
Data File:	9w435.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		37.0 =	ug/L	0.300	1.00
108-88-3	Toluene	D E 1300 ~~1280~~ =		ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 472 ~~470~~ =		ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 1810 ~~1800~~ =		ug/L	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 08:45	Matrix:	WATER
Lab Sample ID:	201745001	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3218	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	723302	Inst:	MSD7.I	Dilution:	1
Run Date:	02/04/2008 13:20	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	02/01/2008 17:25	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7b0407.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		2.30 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.515 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745001 CLIENT ID: AK3218

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	7.9	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201744-1
Lab Sample ID: 201745002

Client ID: AK3214 DUPLICATE
Batch ID: 724925
Run Date: 02/08/2008 04:18
Prep Date: 02/08/2008 04:18
Data File: 9w436.d

Date Collected: 01/27/2008 08:45
Date Received: 01/28/2008 14:50
Client: SAIC085
Method: SW846 8260B
Inst: VOA9.I
Analyst: RXY1
Column: RTX-Volatiles

Matrix: WATER
Project: SAIC08507
SOP Ref: GL-OA-E-038
Dilution: 1
Purge Vol: 5 mL
Level: LOW

USD

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		32.5 =	ug/L	0.300	1.00
108-88-3	Toluene	D E 2240 ~~1480~~ =		ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 439 ~~419~~ =		ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 1620 ~~1490~~ =		ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201744-1
Lab Sample ID: 201745002

Client ID: AK3214 DUPLICATE
Batch ID: 723302
Run Date: 02/04/2008 13:41
Prep Date: 02/01/2008 17:25
Data File: s7b0408.d

Date Collected: 01/27/2008 08:45
Date Received: 01/28/2008 14:50
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.1
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER
Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		2.32 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.518 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745002 CLIENT ID: AK3214
DUPLICATE

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	6.4	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 09:56	Matrix:	WATER
Lab Sample ID:	201745003	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3318	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724925	Inst:	VOA9.I	Dilution:	25
Run Date:	02/09/2008 05:41	Analyst:	RXY1	Purge Vol:	5 mL
Prep Date:	02/09/2008 05:41				
Data File:	9w538.d	Column:	RTX-Volatiles	Level:	LOW

USQ

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		153 =	ug/L	7.50	25.0
108-88-3	Toluene	D E 3700	3760 =	ug/L	6.25	25.0
100-41-4	Ethylbenzene		424 =	ug/L	6.25	25.0
1330-20-7	Xylenes (total)		1790 =	ug/L	6.25	25.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 09:56	Matrix:	WATER
Lab Sample ID:	201745003	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3318	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722792	Inst:	MSD2.I	Dilution:	1
Run Date:	01/31/2008 22:42	Analyst:	AGS1	Inj. Vol:	.5 uL
Prep Date:	01/31/2008 11:53	Aliquot:	970 mL	Final Volume:	1 mL
Data File:	s2a3109.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.03 U	ug/L	0.320	1.03
129-00-0	Pyrene	U	1.03 U	ug/L	0.309	1.03
91-20-3	Naphthalene		1.81 =	ug/L	0.309	1.03
91-57-6	2-Methylnaphthalene	J	0.483 J	ug/L	0.309	1.03
91-58-7	2-Chloronaphthalene	U	1.03 U	ug/L	0.361	1.03
208-96-8	Acenaphthylene	U	1.03	ug/L	0.206	1.03
86-73-7	Fluorene	U	1.03	ug/L	0.206	1.03
85-01-8	Phenanthrene	U	1.03	ug/L	0.206	1.03
120-12-7	Anthracene	U	1.03	ug/L	0.206	1.03
206-44-0	Fluoranthene	U	1.03	ug/L	0.206	1.03
56-55-3	Benzo(a)anthracene	U	1.03	ug/L	0.206	1.03
218-01-9	Chrysene	U	1.03	ug/L	0.206	1.03
205-99-2	Benzo(b)fluoranthene	U	1.03	ug/L	0.206	1.03
207-08-9	Benzo(k)fluoranthene	U	1.03	ug/L	0.206	1.03
50-32-8	Benzo(a)pyrene	U	1.03	ug/L	0.206	1.03
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.03	ug/L	0.206	1.03
53-70-3	Dibenzo(a,h)anthracene	U	1.03	ug/L	0.206	1.03
191-24-2	Benzo(ghi)perylene	U	1.03	ug/L	0.206	1.03

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 **METHOD TYPE:** SW846

SAMPLE ID: 201745003 **CLIENT ID:** AK3318

CONTRACT: SAIC08507

MATRIX: W **DATE RECEIVED** 28-JAN-08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	7	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201744-1
Lab Sample ID: 201745004

Client ID: AK3418
Batch ID: 724925
Run Date: 02/09/2008 06:09
Prep Date: 02/09/2008 06:09
Data File: 9w539.d

Date Collected: 01/27/2008 10:56
Date Received: 01/28/2008 14:50
Client: SAIC085
Method: SW846 8260B
Inst: VOA9.I
Analyst: RXY1
Column: RTX-Volatiles

Matrix: WATER
Project: SAIC08507
SOP Ref: GL-OA-E-038
Dilution: 25
Purge Vol: 5 mL
Level: LOW

USB

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		434 =	ug/L	7.50	25.0
108-88-3	Toluene	D E 4030	~~3980~~ =	ug/L	6.25	25.0
100-41-4	Ethylbenzene		673 =	ug/L	6.25	25.0
1330-20-7	Xylenes (total)		1380 =	ug/L	6.25	25.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 10:56	Matrix:	WATER
Lab Sample ID:	201745004	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3418	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722792	Inst:	MSD2.I	Dilution:	1
Run Date:	01/31/2008 23:03	Analyst:	AGS1	Inj. Vol:	.5 uL
Prep Date:	01/31/2008 11:53	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s2a3110.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		3.60 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.692 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745004 CLIENT ID: AK3418

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	18.8	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 13:20	Matrix:	WATER
Lab Sample ID:	201745005	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3518	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724925	Inst:	VOA9.I	Dilution:	10
Run Date:	02/09/2008 06:37	Analyst:	RXY1	Purge Vol:	5 mL
Prep Date:	02/09/2008 06:37				
Data File:	9w540.d	Column:	RTX-Volatiles	Level:	LOW

USQ

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		157 =	ug/L	3.00	10.0
108-88-3	Toluene		276 =	ug/L	2.50	10.0
100-41-4	Ethylbenzene	D e952	1060 =	ug/L	2.50	10.0
1330-20-7	Xylenes (total)		4490 =	ug/L	2.50	10.0

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 13:20	Matrix:	WATER
Lab Sample ID:	201745005	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3518	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722792	Inst:	MSD2.I	Dilution:	1
Run Date:	01/31/2008 23:24	Analyst:	AGS1	Inj. Vol:	.5 uL
Prep Date:	01/31/2008 11:53	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s2a3111.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.780 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745005 CLIENT ID: AK3518

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	27.2	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 15:33	Matrix:	WATER
Lab Sample ID:	201710008	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3618DL	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724348	Inst:	VOA1.I	Dilution:	5
Run Date:	02/09/2008 14:09	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 14:09				
Data File:	1w612.d	Column:	RTX-Volatiles	Level:	LOW

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		9.47 =	ug/L	1.50	5.00
108-88-3	Toluene		8.85 =	ug/L	1.25	5.00
100-41-4	Ethylbenzene	D	447 424 =	ug/L	1.25	5.00
1330-20-7	Xylenes (total)	B D	1720 1570 =	Fol ug/L FOB	1.25	5.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201709-1	Date Collected:	01/26/2008 15:33	Matrix:	WATER
Lab Sample ID:	201710008	Date Received:	01/27/2008 14:30		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK3618	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.I	Dilution:	1
Run Date:	01/31/2008 15:29	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3116.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		3.70 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene		1.10 =	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710008 CLIENT ID: AK3618

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	36.4	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710007

Client ID: AK3718
Batch ID: 724348
Run Date: 02/09/2008 10:51
Prep Date: 02/09/2008 10:51
Data File: 1w605.d

Date Collected: 01/26/2008 14:25
Date Received: 01/27/2008 14:30
Client: SAIC085
Method: SW846 8260B
Inst: VOA1.I
Analyst: ACJ

Column: RTX-Volatiles

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-038
Dilution: 1
Purge Vol: 5 mL

Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	U	1.00 U	ug/L	0.250	1.00
100-41-4	Ethylbenzene	U	1.00 U	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	J	0.301 J	ug/L	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201709-1
Lab Sample ID: 201710007

Client ID: AK3718
Batch ID: 722660
Run Date: 01/31/2008 15:08
Prep Date: 01/30/2008 17:14
Data File: s7a311S.d

Date Collected: 01/26/2008 14:25
Date Received: 01/27/2008 14:30
Client: SAIC085
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201709-1 METHOD TYPE: SW846

SAMPLE ID: 201710007 CLIENT ID: AK3718

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 27-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	7.6	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201111-1	Date Collected:	01/16/2008 12:51	Matrix:	WATER
Lab Sample ID:	201112014	Date Received:	01/17/2008 09:30		
		Client:	SAIC072	Project:	SAIC007202
Client ID:	AK3818	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	720957	Inst:	VOA2.I	Dilution:	1
Run Date:	01/28/2008 16:56	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	01/28/2008 16:56				
Data File:	2v123.d	Column:	DB-624	Level:	LOW

USD

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		1.28 =	ug/L	0.300	1.00
108-88-3	Toluene	D E 385	335 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 338	281 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 1220	1080 =	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112014

Client ID: AK3818
Batch ID: 719340
Run Date: 01/21/2008 16:46
Prep Date: 01/18/2008 17:28
Data File: s7a2116.d

Date Collected: 01/16/2008 12:51
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene		1.98 =	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	J	0.591 J	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00 U	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112014 CLIENT ID: AK3818

CONTRACT: SAIC007202

MATRIX: W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	6	ug/L			MS	0.03	1	ICPMS6	080123

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112015

Client ID: AK3918
Batch ID: 720957
Run Date: 01/28/2008 17:24
Prep Date: 01/28/2008 17:24
Data File: 2v124.d

Date Collected: 01/16/2008 13:43
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8260B
Inst: VOA2.I
Analyst: CDS1
Column: DB-624

Matrix: WATER
Project: SAIC007202
SOP Ref: GL-OA-E-038
Dilution: 1
Purge Vol: 5 mL
Level: LOW

USB

CAS No.	Parmname	Qualifier	Result		Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		2.04	=	ug/L	0.300	1.00
108-88-3	Toluene	D E555	499	=	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E120	118	=	ug/L	0.250	1.00
1330-20-7	Xylenes (total)		475	=	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201111-1
Lab Sample ID: 201112015

Client ID: AK3918
Batch ID: 719340
Run Date: 01/21/2008 17:08
Prep Date: 01/18/2008 17:28
Data File: s7a2117.d

Date Collected: 01/16/2008 13:43
Date Received: 01/17/2008 09:30
Client: SAIC072
Method: SW846 8270C
Inst: MSD7.I
Analyst: RMB
Aliquot: 1000 mL
Column: J & W DB-5MS

Matrix: WATER

Project: SAIC007202
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: 5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00 U	ug/L	0.300	1.00
91-20-3	Naphthalene	J	0.441 J	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00 U	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201111-1 METHOD TYPE: SW846

SAMPLE ID: 201112015 CLIENT ID: AK3918

CONTRACT: SAIC007202

MATRIX:W DATE RECEIVED 17-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	11.2	ug/L			MS	0.03	1	ICPMS6	080123

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201537	Date Collected:	01/23/2008 16:28	Matrix:	GROUND WATER
Lab Sample ID:	201537009	Date Received:	01/24/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4018	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	723384	Inst:	VOA2.I	Dilution:	1
Run Date:	02/04/2008 17:52	Analyst:	CDS1	Purge Vol:	5 mL
Prep Date:	02/04/2008 17:52	Column:	DB-624	Level:	LOW
Data File:	2w122.d				

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		1.97	ug/L	0.300	1.00
108-88-3	Toluene		1.62	ug/L	0.250	1.00
100-41-4	Ethylbenzene		12.9	ug/L	0.250	1.00
1330-20-7	Xylenes (total)		67.3	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201537
Lab Sample ID: 201537089

Client ID: AK4018
Batch ID: 721970
Run Date: 01/29/2008 14:41
Prep Date: 01/28/2008 17:06
Data File: s5a2916.d

Date Collected: 01/25/2008 16:29
Date Received: 01/24/2008 15:00
Client: SAIC085
Method: SW846 8270C
Inst: MSD5.i
Analyst: BJB3
Aliquot: 1000 mL
Column: J&W DB-5MS

Matrix: GROUND WATER
Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 4
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	< 0.0	ug/L	1.20	4.00
129-00-0	Pyrene	U	< 0.0	ug/L	1.20	4.00
91-20-3	Naphthalene	U	< 0.0	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	U	< 0.0	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	< 0.0	ug/L	1.20	4.00
208-96-8	Acenaphthylene	U	< 0.0	ug/L	0.80	4.00
86-73-7	Fluorene	U	< 0.0	ug/L	0.80	4.00
85-01-8	Phenanthrene	U	< 0.0	ug/L	0.80	4.00
120-12-7	Anthracene	U	< 0.0	ug/L	0.80	4.00
206-44-0	Fluoranthene	U	< 0.0	ug/L	0.80	4.00
56-55-3	Benzo(a)anthracene	U	< 0.0	ug/L	0.80	4.00
218-01-9	Chrysene	U	< 0.0	ug/L	0.80	4.00
205-99-2	Benzo(b)fluoranthene	U	< 0.0	ug/L	0.80	4.00
207-08-9	Benzo(k)fluoranthene	U	< 0.0	ug/L	0.80	4.00
50-32-8	Benzo(a)pyrene	U	< 0.0	ug/L	0.80	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	< 0.0	ug/L	0.80	4.00
53-70-3	Dibenz(a,h)anthracene	U	< 0.0	ug/L	0.80	4.00
191-24-2	Benzo(ghi)perylene	U	< 0.0	ug/L	0.80	4.00

DATA VALIDATION COPY

METALS

INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201597 METHOD TYPE: SW846

SAMPLE ID: 201597009 CLIENT ID: AR4018

CONTRACT: SAIC08507

MATRIX: G DATE RECEIVED: 14-JAN-10 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DL	Instrument ID	Analytical Run
7439-92-1	Lead	10.7	ug/l			P	0.05		ICPMS6	08033

=

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 14:11	Matrix:	WATER
Lab Sample ID:	201745006	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4118	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724925	Inst:	VOA9.I	Dilution:	5
Run Date:	02/09/2008 07:33	Analyst:	RXY1	Purge Vol:	5 mL
Prep Date:	02/09/2008 07:33				
Data File:	9w542.d	Column:	RTX-Volatiles	Level:	LOW

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene		12.4	ug/L =	1.50	5.00
108-88-3	Toluene		119	ug/L =	1.25	5.00
100-41-4	Ethylbenzene		302	ug/L =	1.25	5.00
1330-20-7	Xylenes (total)	D	~~450~~ 1180	ug/L =	1.25	5.00

"Data Validation Copy"

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201744-1
Lab Sample ID: 201745006

Client ID: AK4118
Batch ID: 722792
Run Date: 01/31/2008 23:45
Prep Date: 01/31/2008 11:53
Data File: s2a3112.d

Date Collected: 01/27/2008 14:11
Date Received: 01/28/2008 14:50
Client: SAIC085
Method: SW846 8270C
Inst: MSD2.I
Analyst: AGS1
Aliquot: 1010 mL
Column: J&W DB-5MS

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-009
Dilution: 1
Inj. Vol: .5 uL
Final Volume: 1 mL
Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	0.990 U	ug/L	0.307	0.990
129-00-0	Pyrene	U	0.990 U	ug/L	0.297	0.990
91-20-3	Naphthalene		1.17 =	ug/L	0.297	0.990
91-57-6	2-Methylnaphthalene	J	0.385 J	ug/L	0.297	0.990
91-58-7	2-Chloronaphthalene	U	0.990 U	ug/L	0.347	0.990
208-96-8	Acenaphthylene	U	0.990	ug/L	0.198	0.990
86-73-7	Fluorene	U	0.990	ug/L	0.198	0.990
85-01-8	Phenanthrene	U	0.990	ug/L	0.198	0.990
120-12-7	Anthracene	U	0.990	ug/L	0.198	0.990
206-44-0	Fluoranthene	U	0.990	ug/L	0.198	0.990
56-55-3	Benzo(a)anthracene	U	0.990	ug/L	0.198	0.990
218-01-9	Chrysene	U	0.990	ug/L	0.198	0.990
205-99-2	Benzo(b)fluoranthene	U	0.990	ug/L	0.198	0.990
207-08-9	Benzo(k)fluoranthene	U	0.990	ug/L	0.198	0.990
50-32-8	Benzo(a)pyrene	U	0.990	ug/L	0.198	0.990
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.990	ug/L	0.198	0.990
53-70-3	Dibenzo(a,h)anthracene	U	0.990	ug/L	0.198	0.990
191-24-2	Benzo(ghi)perylene	U	0.990	ug/L	0.198	0.990

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745006 CLIENT ID: AK4118

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	112	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 15:02	Matrix:	WATER
Lab Sample ID:	201745007	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4218	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724925	Inst:	VOA9.I	Dilution:	1
Run Date:	02/09/2008 13:13	Analyst:	RXY1	Purge Vol:	5 mL
Prep Date:	02/09/2008 13:13				
Data File:	9w550.d	Column:	RTX-Volatiles	Level:	LOW

USR

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene		59.9 =	ug/L	0.250	1.00
100-41-4	Ethylbenzene	D E 480	484 =	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	D 3080	4830 =	ug/L	0.250	1.00

DATA VALIDATION
COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201744-1	Date Collected:	01/27/2008 15:02	Matrix:	WATER
Lab Sample ID:	201745007	Date Received:	01/28/2008 14:50		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4218	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722792	Inst:	MSD2.I	Dilution:	4
Run Date:	02/01/2008 20:37	Analyst:	AGS1	Inj. Vol:	.5 uL
Prep Date:	01/31/2008 11:53	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s2b0110.d	Column:	J&W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	4.00 U	ug/L	1.24	4.00
129-00-0	Pyrene	U	4.00 U	ug/L	1.20	4.00
91-20-3	Naphthalene		7.45 [redacted] =	ug/L	1.20	4.00
91-57-6	2-Methylnaphthalene	U	4.00 U	ug/L	1.20	4.00
91-58-7	2-Chloronaphthalene	U	4.00	ug/L	1.40	4.00
208-96-8	Acenaphthylene	U	4.00	ug/L	0.800	4.00
86-73-7	Fluorene	U	4.00	ug/L	0.800	4.00
85-01-8	Phenanthrene	U	4.00	ug/L	0.800	4.00
120-12-7	Anthracene	U	4.00	ug/L	0.800	4.00
206-44-0	Fluoranthene	U	4.00	ug/L	0.800	4.00
56-55-3	Benzo(a)anthracene	U	4.00	ug/L	0.800	4.00
218-01-9	Chrysene	U	4.00	ug/L	0.800	4.00
205-99-2	Benzo(b)fluoranthene	U	4.00	ug/L	0.800	4.00
207-08-9	Benzo(k)fluoranthene	U	4.00	ug/L	0.800	4.00
50-32-8	Benzo(a)pyrene	U	4.00	ug/L	0.800	4.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.00	ug/L	0.800	4.00
53-70-3	Dibenzo(a,h)anthracene	U	4.00	ug/L	0.800	4.00
191-24-2	Benzo(ghi)perylene	U	4.00	ug/L	0.800	4.00

DATA VALIDATION
COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201744-1 METHOD TYPE: SW846

SAMPLE ID: 201745007 CLIENT ID: AK4218

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 28-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	67.5	ug/L			MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION
COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number: 201810-1
Lab Sample ID: 201811001

Client ID: AK4318
Batch ID: 724959
Run Date: 02/09/2008 18:03
Prep Date: 02/09/2008 18:03
Data File: 1w619.d

Date Collected: 01/28/2008 08:35
Date Received: 01/29/2008 15:05
Client: SAIC085
Method: SW846 8260B
Inst: VOA1.I
Analyst: ACJ

Column: RTX-Volatiles

Matrix: WATER

Project: SAIC08507
SOP Ref: GL-OA-E-038
Dilution: 1
Purge Vol: 5 mL

Level: LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	U	1.00	ug/L	0.250	1.00
100-41-4	Ethylbenzene	U	1.00	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	J	0.728 J	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201810-1	Date Collected:	01/28/2008 08:35	Matrix:	WATER
Lab Sample ID:	201811001	Date Received:	01/29/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4318	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.I	Dilution:	1
Run Date:	01/31/2008 16:33	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3119.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201810-1 METHOD TYPE: SW846

SAMPLE ID: 201811001 CLIENT ID: AK4318

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 29-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.760	ug/L	B	J	MS	0.05	1	ICPMS5	080205-1

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201810-1	Date Collected:	01/28/2008 09:42	Matrix:	WATER
Lab Sample ID:	201811002	Date Received:	01/29/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4418	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724959	Inst:	VOA1.I	Dilution:	1
Run Date:	02/09/2008 18:31	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 18:31				
Data File:	1w620.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	U	1.00	ug/L	0.250	1.00
100-41-4	Ethylbenzene	U	1.00	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	J	0.264 J	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201810-1	Date Collected:	01/28/2008 09:42	Matrix:	WATER
Lab Sample ID:	201811002	Date Received:	01/29/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4418	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.I	Dilution:	1
Run Date:	01/31/2008 16:54	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3120.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	U	1.00	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	U	1.00	ug/L	0.200	1.00
218-01-9	Chrysene	U	1.00	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	U	1.00	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201810-1 METHOD TYPE: SW846

SAMPLE ID: 201811002 CLIENT ID: AK4418

CONTRACT: SAIC08507

MATRIX:W DATE RECEIVED 29-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	0.270	ug/L	B		MS	0.05	1	ICPMS5	080205-1

J

DATA VALIDATION COPY

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201810-1	Date Collected:	01/28/2008 11:01	Matrix:	WATER
Lab Sample ID:	201811003	Date Received:	01/29/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4518	Method:	SW846 8260B	SOP Ref:	GL-OA-E-038
Batch ID:	724959	Inst:	VOA1.I	Dilution:	1
Run Date:	02/09/2008 19:00	Analyst:	ACJ	Purge Vol:	5 mL
Prep Date:	02/09/2008 19:00				
Data File:	1w621.d	Column:	RTX-Volatiles	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
71-43-2	Benzene	U	1.00 U	ug/L	0.300	1.00
108-88-3	Toluene	U	1.00	ug/L	0.250	1.00
100-41-4	Ethylbenzene	U	1.00	ug/L	0.250	1.00
1330-20-7	Xylenes (total)	U	1.00	ug/L	0.250	1.00

DATA VALIDATION COPY

Semi-Volatile
Certificate of Analysis
Sample Summary

SDG Number:	201810-1	Date Collected:	01/28/2008 11:01	Matrix:	WATER
Lab Sample ID:	201811003	Date Received:	01/29/2008 15:05		
		Client:	SAIC085	Project:	SAIC08507
Client ID:	AK4518	Method:	SW846 8270C	SOP Ref:	GL-OA-E-009
Batch ID:	722660	Inst:	MSD7.I	Dilution:	1
Run Date:	01/31/2008 17:15	Analyst:	RMB	Inj. Vol:	.5 uL
Prep Date:	01/30/2008 17:14	Aliquot:	1000 mL	Final Volume:	1 mL
Data File:	s7a3121.d	Column:	J & W DB-5MS	Level:	LOW

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
83-32-9	Acenaphthene	U	1.00 U	ug/L	0.310	1.00
129-00-0	Pyrene	J	0.668 J	ug/L	0.300	1.00
91-20-3	Naphthalene	U	1.00 U	ug/L	0.300	1.00
91-57-6	2-Methylnaphthalene	U	1.00	ug/L	0.300	1.00
91-58-7	2-Chloronaphthalene	U	1.00	ug/L	0.350	1.00
208-96-8	Acenaphthylene	U	1.00	ug/L	0.200	1.00
86-73-7	Fluorene	U	1.00	ug/L	0.200	1.00
85-01-8	Phenanthrene	U	1.00	ug/L	0.200	1.00
120-12-7	Anthracene	U	1.00	ug/L	0.200	1.00
206-44-0	Fluoranthene	U	1.00	ug/L	0.200	1.00
56-55-3	Benzo(a)anthracene	J	0.528 J	ug/L	0.200	1.00
218-01-9	Chrysene	J	0.386	ug/L	0.200	1.00
205-99-2	Benzo(b)fluoranthene	J	0.294	ug/L	0.200	1.00
207-08-9	Benzo(k)fluoranthene	U	1.00 U	ug/L	0.200	1.00
50-32-8	Benzo(a)pyrene	U	1.00	ug/L	0.200	1.00
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.00	ug/L	0.200	1.00
53-70-3	Dibenzo(a,h)anthracene	U	1.00	ug/L	0.200	1.00
191-24-2	Benzo(ghi)perylene	U	1.00	ug/L	0.200	1.00

DATA VALIDATION COPY

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 201810-1 METHOD TYPE: SW846

SAMPLE ID: 201811003 CLIENT ID: AK4518

CONTRACT: SAIC08507

MATRIX: W DATE RECEIVED 29-JAN-08 LEVEL: Low %SOLIDS:

CAS No	Analyte	Result	Units	C	Qual	M	IDL	DF	Instrument ID	Analytical Run
7439-92-1	Lead	39.5	ug/L			MS	0.05	1	ICPMS5	080205-1

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151 Lafayette Ave, Oak Ridge, TN 37830 (865)481-4600

2011111 %

CHAIN OF CUSTODY RECORD

2011121 %

COC NO.: PH1009

PROJECT NAME: Hunter - Pumphouse 1

PROJECT NUMBER: 01-1055-04-2945-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
TH0618	1/13/08	1515	QA				X	2		Trip Blank
AN1828	1/14/08	0837	GW	X				2		
AN1728	1/14/08	0936	GW	X				2		
AN1628	1/14/08	1101	GW	X				2		
AN1528	1/14/08	1153	GW	X				2		
AK0118	1/15/08	1225	GW	X	X	X		5		250ml poly for MS/MSD
AK0218	1/15/08	1334	GW	X	X	X		5		
AK0318	1/15/08	1442	GW	X	X	X		5		
AK0418	1/15/08	1550	GW	X	X	X		5		
AK0214	1/15/08	1334	GW	X	X	X		5		Duplicate
AK0718	1/16/08	0837	GW	X	X	X		5		
AK0714	1/16/08	0837	GW	X	X	X		5		Duplicate
AK0618	1/16/08	0943	GW	X	X	X		5		

C-154

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: See pg. 2	Cooler Temperature: 4°C
Timothy Coffey	1/16/08	Fed EX	1/16/08	Cooler ID:	FEDEX NUMBER:
COMPANY NAME: SAIC	1700	COMPANY NAME: Fed EX	1700		8348 9689 8709
RECEIVED BY: P. Hunt	Date/Time 1/17/08	RELINQUISHED BY:	Date/Time		
COMPANY NAME: D.E.Q.	0930 0935	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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Science Applications International Corporation
151 Lafayette Ave, Oak Ridge, TN 37830 (865)481-4600

CHAIN OF CUSTODY RECORD

COC NO.: PH1009

PROJECT NAME: Hunter - Pumphouse 1

PROJECT NUMBER: 01-1055-04-2945-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

Sample ID	Date Collected	Time Collected	Matrix	REQUESTED PARAMETERS: BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS.
AK0518	1/16/08	1048	GW	X			2		Insufficient volume for PAH/Lead.
AK3818	1/16/08	1251	GW	X	X	X	5		
AK3918	1/16/08	1343	GW	X	X	X	5		
		TAT							

C-155

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: 6 2	Cooler Temperature: 4°C
Timothy Coffey	1/16/08	Fed Ex	1/16/08	Cooler ID:	FEDEX NUMBER: 8348 9689 8709
COMPANY NAME: SAIC	1700	COMPANY NAME: Fed Ex	1700		
RECEIVED BY: L. Kent	Date/Time 1/17/08	RELINQUISHED BY:	Date/Time		
COMPANY NAME: E.B.I.	0930	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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201537, 201540

CHAIN OF CUSTODY RECORD

COC NO.: PH1012

PROJECT NAME: Hunter - Pumphouse 1

PROJECT NUMBER: 01-1055-04 ~~2945-200~~ 3256-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

REQUESTED PARAMETERS

	Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS.
1	TH0619	1/23/08	0730	QA	X			2	N/A	Trip Blank
2	AK0E19	1/23/08	0912	Soil	X	X	X	2	3150 ppm	
3	AK0818	1/23/08	0941	GW	X	X	X	5	N/A	
4	AK0919	1/23/08	1057	Soil	X	X	X	2	3640 ppm	
5	AK0915	1/23/08	1010	QA	X	X	X	5	N/A	Eq. Rinsate
6	AK0918	1/23/08	1055	GW	X	X	X	5	N/A	
7	AK1419	1/23/08	1147	Soil	X	X	X	2	840 ppm	
8	AK1418	1/23/08	1212	GW	X	X	X	5	N/A	
9	AK1519	1/23/08	1243	Soil	X	X	X	2	2740 ppm	
10	AK1518	1/23/08	1310	GW	X	X	X	5	N/A	250-ml bottle for MS/MSD
11	AK2119	1/23/08	1359	Soil	X	X	X	2	2770 ppm	
12	AK2118	1/23/08	1418	GW	X	X	X	5	N/A	
	AK2019	1/23/08	1441	Soil	X	X	X	2	63.1 ppm	

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Timothy Coffey	01/23/08 1400	Wayne H. Pan	01/24/08 0730
COMPANY NAME: SAIC		COMPANY NAME: SAIC	
RECEIVED BY: Wayne H. Pan	Date/Time 01/23/08 1900	~~RELINQUISHED BY:~~ Rel Ben Watkins	Date/Time 1/24/08
COMPANY NAME: SAIC		~~COMPANY NAME:~~ GEL	
RELINQUISHED BY: Wayne H. Pan	Date/Time 01/24/08 1200	RECEIVED BY: Ben Watkins	Date/Time 01/24/08 1260
COMPANY NAME: SAIC		COMPANY NAME: Rec'd GEL	

TOTAL NUMBER OF CONTAINERS: See Pg. 2

Cooler ID:

Cooler Temperature:

FEDEX NUMBER:

RELINQUISHED Ben Watkins 1-24-08 1505

Page 2 of 2

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CHAIN OF CUSTODY RECORD

COC NO.: PH1012

PROJECT NAME: Hunter - Pumphouse 1

PROJECT NUMBER: 01-1055-04-~~2945-200~~ 3056-206

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

	Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS.
.2	AK2018	1/23/08	1515	GW	X	X	X	5	N/A	
.3	AK4019	1/23/08	1603	Soil	X	X	X	2	28.4 ppm	
.2	AK4018	1/23/08	1628	GW	X	X	X	5	N/A	

C-157

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: 56	Cooler Temperature:
COMPANY NAME: SAIC	1/23/08 1900	COMPANY NAME: GEL	01/24/08 1200	Cooler ID:	FEDEX NUMBER:
RECEIVED BY:	~~01/23/08~~	RELINQUISHED BY: 01/23/08	Date/Time		
COMPANY NAME: SAIC	~~1900~~	COMPANY NAME: 1900			
RELINQUISHED BY:	Date/Time	RECEIVED BY: Relinquished Ben Watkins	Date/Time ~~01/24/08~~ 1/24/08 1200 1505	wHP	
COMPANY NAME: SAIC	01/24/08 1200	COMPANY NAME: GEL			

Received by: [illegible]

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201682, 201683

CHAIN OF CUSTODY RECORD

COC NO.: PH1013

PROJECT NAME: Hunter - Pumphouse 1

PROJECT NUMBER: 01-1055-04-~~2945~~-200 3454

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod Charleston, SC 29407

PHONE NO: (843)556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS.
TH0626	1/24/08	0730	QA	X			2	N/A	Trip Blank
AK1019	1/24/08	0821	Soil	X	X	X	2	3044 ppm	
AK1018	1/24/08	0839	GW	X	X	X	5	N/A	
AK1119	1/24/08	0915	Soil	X	X	X	2	3340 ppm	
AK1118	1/24/08	0936	GW	X	X	X	5	N/A	
AK1219	1/24/08	1012	Soil	X	X	X	2	384 ppm	
AK1218	1/24/08	1030	GW	X	X	X	5	N/A	
AK1214	1/24/08	1030	GW	X	X	X	5	N/A	Duplicate
AK1319	1/24/08	1108	Soil	X	X	X	2	11.8 ppm	
AK1318	1/24/08	1134	GW	X	X	X	5	N/A	
AK1619	1/24/08	1301	Soil	X	X	X	2	118 ppm	
AK1618	1/24/08	1328	GW	X	X	X	5	N/A	
AK1719	1/24/08	1407	Soil	X	X	X	2	741 ppm	

C-158

	Date/Time		Date/Time		
RELINQUISHED BY: Timothy Coffey	01/24/08	RECEIVED BY: Ben Watkins	01/25/08	TOTAL NUMBER OF CONTAINERS: See Pg. 2	Cooler Temperature:
COMPANY NAME: SAIC	1900	COMPANY NAME: GEL	1120	Cooler ID:	FEDEX NUMBER:
RECEIVED BY: Wayne H. Penn	01/24/08	RELINQUISHED BY: Ben Watkins	01/25/08	For soil samples: PAH and Lead are together in same 8-oz. Jar	
COMPANY NAME: SAIC	1900	COMPANY NAME: GEL	1407		
RELINQUISHED BY: Wayne H. Penn	01/25/08	RECEIVED BY: M. Smith	1/25/08		
COMPANY NAME: SAIC	1120	COMPANY NAME: GEL	1407		

201705 201706

Page 1 of 2

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CHAIN OF CUSTODY RECORD

COC NO.: PH1014

PROJECT NAME: Hunter - Pumphouse 1 TRC

PROJECT NUMBER: 01-1055-04-~~2945~~-200 3056

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

	Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
	PH1021	1/25/08		GA	X			2	N/A	Trip Blank TRC 1/2
-1	AK1919	1/25/08	0811	Soil	X	X	X	2	3.7 ppm	
-2	AK1918	1/25/08	0838	GW	X	X	X	5	N/A	
-1	AK2219	1/25/08	0913	Soil	X	X	X	2	1830 ppm	
-1	AK2213	1/25/08	0913	Soil	X	X	X	2	1830 ppm	Duplicate
-2	AK2218	1/25/08	0935	GW	X	X	X	5	N/A	
-1	AK2319	1/25/08	1040	Soil	X	X	X	2	2820 ppm	
-2	AK2318	1/25/08	1101	GW	X	X	X	5	N/A	
-1	AK2419	1/25/08	1138	Soil	X	X	X	2	2930 ppm	
-2	AK2418	1/25/08	1204	GW	X	X	X	5	N/A	
-1	AK2519	1/25/08	1306	Soil	X	X	X	2	13.3 ppm	
-2	AK2518	1/25/08	1339	GW	X	X	X	5	N/A	
-1	AK2619	1/25/08	1425	Soil	X	X	X	2	114 ppm	

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REQUESTED PARAMETERS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: See Pg. 2	Cooler Temperature:
COMPANY NAME: SAIC	01/25/08 1900	COMPANY NAME: G.E.L.	01/26/08 1120	Cooler ID:	FEDEX NUMBER:
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	For soil samples: PAH and Lead are together in the same 8-oz jar.	
COMPANY NAME: SAIC	01/25/08 1900	COMPANY NAME: G.E.L.	1/26/08 0814:15		
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME: SAIC	01/26/08 1120	COMPANY NAME: GEL	1-26-08 14:15		

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CHAIN OF CUSTODY RECORD

COC NO.: PH1014

PROJECT NAME: Hunter - Pumphouse 1
TSC

PROJECT NUMBER: 01-1055-04-~~2845~~-200
3456

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
AK2618	1/25/08	1445	GW	X	X	X	5	N/A	

TSC

TSC

C-160

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: 46	Cooler Temperature:
COMPANY NAME: SAIC	01/25/08 1400	COMPANY NAME: G.E.L.	01/26/08 1120	Cooler ID: TSC #4 1/25/08	FEDEX NUMBER:
RECEIVED BY: Wayne H. Ross	Date/Time 01/25/08 1900	RELINQUISHED BY:	Date/Time		
COMPANY NAME: SAIC		COMPANY NAME:			
RELINQUISHED BY: Wayne H. Ross	Date/Time 01/26/08 1120	RECEIVED BY: Molly Smith	Date/Time 1-26-08 1415		
COMPANY NAME: SAIC		COMPANY NAME: GEL			

Page 1 of 2

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CHAIN OF CUSTODY RECORD

20170901

COC NO.: PH1015

PROJECT NAME: Hunter - Pumphouse 1
FTC

PROJECT NUMBER: 01-1055-04-~~2046~~-200
34:56

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29407

PHONE NO: (843)556-8171

	Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials	OVA SCREENING	OBSERVATIONS, COMMENTS
.1	AK2719	1/26/08	0828	Soil	X	X	X	2	267 ppm	
.2	AK2718	1/26/08	0848	GW	X	X	X	5	N/A	
↓	AK2714	1/26/08	0848	GW	X	X	X	5	N/A	Duplicate
.1	AK2819	1/26/08	0940	Soil	X	X	X	2	338 ppm	
.2	AK2818	1/26/08	0956	GW	X	X	X	5	N/A	
.1	AK2919	1/26/08	1030	Soil	X	X	X	2	314 ppm	
.2	AK2918	1/26/08	1053	GW	X	X	X	5	N/A	
.1	AK3019	1/26/08	1140	Soil	X	X	X	2	383 ppm	
.2	AK3018	1/26/08	1206	GW	X	X	X	5	N/A	Lead: 250-ml poly for MS/MSD
.1	AK3119	1/26/08	1310	Soil	X	X	X	2	0.0 ppm	
.2	AK3118	1/26/08	1350	GW	X	X	X	5	N/A	
.1	AK3719	1/26/08	1357	Soil	X	X	X	2	0.0 ppm	
↓	AK3713	1/26/08	1357	Soil	X	X	X	2	0.0 ppm	Duplicate

REQUESTED PARAMETERS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: See pg. 2	Cooler Temperature:
Timothy Coffey	01/26/08 1900	P. Nent	01/27/08 1200	Cooler ID:	FEDEX NUMBER:
COMPANY NAME: SAIC		COMPANY NAME: GEL			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	For soil samples: PAH and Lead are together in same 8-oz. jar.	
COMPANY NAME: SAIC	01/26/08 1900	COMPANY NAME: GEL	1/27/08 14:30		
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME: SAIC	01/27/08 1200	COMPANY NAME: GEL	1-27-08 1430		

Page 2 of 6

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CHAIN OF CUSTODY RECORD

COC NO.: PH1015

PROJECT NAME: Hunter - Pumphouse 1 T&C

PROJECT NUMBER: 01-1055-04-~~2045~~-200 3456

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
.2 AK3718	1/26/08	1425	GW	X	X	X	5	N/A	
-1 AK3619	1/26/08	1458	Soil	X	X	X	2	3740 ppm	
.2 AK3618	1/26/08	1533	GW	X	X	X	5	N/A	

T&C

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod Charleston, SC 29407

PHONE NO: (843)556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Timothy Coffey	01/26/08 1400	P. Nent	01/27/08 1200
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY: Wayne Ken	Date/Time 01/26/08 1900	RELINQUISHED BY: P. Nent	Date/Time 1/27/08 14:30
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RELINQUISHED BY: Wayne Ken	Date/Time 01/27/08 1200	RECEIVED BY: Mellie Sm, Jr	Date/Time 1-27-08 1430
COMPANY NAME: SAIC		COMPANY NAME: GEL	

TOTAL NUMBER OF CONTAINERS: 56

Cooler ID:

Cooler Temperature:

FEDEX NUMBER:

For Soil samples: PAH and Lead are together in same 8-o-z. jar.

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201744, ~~201745~~ 201745

CHAIN OF CUSTODY RECORD

COC NO.: PH1016

PROJECT NAME: Hunter - Pumphouse 1
EIC

PROJECT NUMBER: 01-1055-04-~~2045~~-200
3056

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
AK3219	1/27/08	0824	Soil	X	X	X	2	339.0 ppm	
AK3218	1/27/08	0845	GW	X	X	X	5	N/A	
AK3214	1/27/08	0845	GW	X	X	X	5	N/A	Duplicate
AK3319	1/27/08	0917	Soil	X	X	X	2	255.0 ppm	
AK3318	1/27/08	0956	GW	X	X	X	5	N/A	
AK3419	1/27/08	1032	Soil	X	X	X	2	334.0 ppm	
AK3418	1/27/08	1056	GW	X	X	X	5	N/A	
AK3519	1/27/08	1256	Soil	X	X	X	2	232.0 ppm	
AK3518	1/27/08	1320	GW	X	X	X	5	N/A	
AK4119	1/27/08	1346	Soil	X	X	X	2	240.0 ppm	
AK4118	1/27/08	1411	GW	X	X	X	5	N/A	
AK4219	1/27/08	1437	Soil	X	X	X	2	212.0 ppm	
AK4218	1/27/08	1502	GW	X	X	X	5	N/A	

RELINQUISHED BY: Timothy Coffey	Date/Time 01/27/08 1900	RECEIVED BY: Block	Date/Time 01/28/08 1155	TOTAL NUMBER OF CONTAINERS: 47	Cooler Temperature:
COMPANY NAME: SAIC		COMPANY NAME: GEL		Cooler ID:	FEDEX NUMBER:
RECEIVED BY: Wayne H. Lee	Date/Time 01/27/08 1900	RELINQUISHED BY: Block	Date/Time 01/28/08 1455	For soil samples: PAH and lead are together in same 8 oz. jar.	
COMPANY NAME: SAIC		COMPANY NAME: GEL			
RELINQUISHED BY: Wayne H. Lee	Date/Time 01/28/08 1155	RECEIVED BY: Richard Lee	Date/Time 1/28/08 1450		
COMPANY NAME: SAIC		COMPANY NAME: GEL			

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Science Applications International Corporation
151 Lafayette Ave, Oak Ridge, TN 37830 (865)481-4600

CHAIN OF CUSTODY RECORD 2018101. 2018111.

COC NO.: PH1017

PROJECT NAME: Hunter - Pumphouse 1 TSC

PROJECT NUMBER: 01-1055-04-~~2945~~-200 3056

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Timothy Coffey (Printed Name): Timothy Coffey

LABRATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	Lead	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
AK4319	1/28/08	0805	Soil	X	X	X	2	0.0 ppm	
AK4318	1/28/08	0835	GW	X	X	X	5	N/A	
AK4419	1/28/08	0912	Soil	X	X	X	2	0.0 ppm	
AK4418	1/28/08	0942	GW	X	X	X	5	N/A	
AK4519	1/28/08	1040	Soil	X	X	X	2	0.0 ppm	
AK4518	1/28/08	1101	GW	X	X	X	5	N/A	

TSC

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Timothy Coffey	01/28/08 1900	Don Walther	01/28/08 1145
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY: Mary H. Pun	Date/Time 01/28/08 1900	RELINQUISHED BY: Don Walther	Date/Time 01/29/08 1505
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RELINQUISHED BY: Mary H. Pun	Date/Time 01/29/08 1145	RECEIVED BY: P. Nent	Date/Time 1/29/08 15:05
COMPANY NAME: SAIC		COMPANY NAME: GEL	

TOTAL NUMBER OF CONTAINERS: 21

Cooler ID:

Cooler Temperature:

FEDEX NUMBER:

For soil samples: PAH and Lead are together in same 8 oz jar.

C-164

ARCADIS

APPENDIX B

Laboratory Data

July 2008 Semiannual Monitoring

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson
Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AK05F2	Project:	SAIC09800
Sample ID:	212743002	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 13:45		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		2090	15.0	50.0	ug/L	50	DXK1 07/30/08	1217	778655	1
Ethylbenzene		568	12.5	50.0	ug/L	50				
Toluene		65.1	12.5	50.0	ug/L	50				
Xylenes (total)		3110	12.5	50.0	ug/L	50				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	2730 ug/L	70.0	78	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	2860 ug/L	70.0	82	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	2910 ug/L	70.0	83	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	3060 ug/L	70.0	87	(84%-121%)

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson
Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AK05F2
Sample ID: 212743002

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

The above sample is reported on an "as received" basis.
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Valerie Davis
Reviewed by

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AK06F2	Project:	SAIC09800
Sample ID:	212743001	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 13:05		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		44.4	0.300	1.00	ug/L	1	DXK1 07/28/08	1847	778655	1
Ethylbenzene	E	476	0.250	1.00	ug/L	1				
Toluene		28.2	0.250	1.00	ug/L	1				
Xylenes (total)		1770	0.250	1.00	ug/L	1				
Benzene		54.8	7.50	25.0	ug/L	25	ACJ 07/29/08	1722	778655	2
Ethylbenzene		890	6.25	25.0	ug/L	25				
Toluene		38.4	6.25	25.0	ug/L	25				
Xylenes (total)		4280	6.25	25.0	ug/L	25				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	53.5 ug/L	70.0	76	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	56.8 ug/L	70.0	81	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	59.1 ug/L	70.0	84	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	62.0 ug/L	70.0	89	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	861 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	944 ug/L	40.0	94	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	941 ug/L	40.0	94	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	1020 ug/L	40.0	102	(84%-121%)

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AK06F2
Sample ID: 212743001

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

The above sample is reported on an "as received" basis.
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Valerie Davis

Reviewed by

GEL LABORATORIES LLC
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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AN01F2	Project:	SAIC09800
Sample ID:	212743006	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 15:50		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		6.02	0.600	2.00	ug/L	2	DXK1 07/29/08	1832	778655	1
Ethylbenzene	E	1110	0.500	2.00	ug/L	2				
Toluene	E	1020	0.500	2.00	ug/L	2				
Xylenes (total)	B	3940	0.500	2.00	ug/L	2				
Benzene	U	ND	15.0	50.0	ug/L	50	ACJ 07/29/08	1655	778655	2
Ethylbenzene		2000	12.5	50.0	ug/L	50				
Toluene		1330	12.5	50.0	ug/L	50				
Xylenes (total)		9080	12.5	50.0	ug/L	50				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	103 ug/L	70.0	73	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	113 ug/L	70.0	81	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	115 ug/L	70.0	82	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	121 ug/L	70.0	86	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	1700 ug/L	40.0	85	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	1870 ug/L	40.0	94	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	1880 ug/L	40.0	94	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	2040 ug/L	40.0	102	(84%-121%)

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN01F2
Sample ID: 212743006

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Valerie Davis
Reviewed by

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN02F2
Sample ID: 212743008
Matrix: Water
Collect Date: 16-JUL-08 17:05
Receive Date: 19-JUL-08
Collector: Client

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		614	30.0	100	ug/L	100	ACJ 07/29/08	1533	778655	1
Ethylbenzene		2220	25.0	100	ug/L	100				
Toluene	E	18300	25.0	100	ug/L	100				
Xylenes (total)		8970	25.0	100	ug/L	100				
Benzene		499	60.0	200	ug/L	200	DXK1 07/29/08	1736	778655	2
Ethylbenzene		1780	50.0	200	ug/L	200				
Toluene		17200	50.0	200	ug/L	200				
Xylenes (total)	B	7310	50.0	200	ug/L	200				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	3430 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	3700 ug/L	40.0	93	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	3810 ug/L	40.0	95	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	4040 ug/L	40.0	101	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	10800 ug/L	70.0	77	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	11700 ug/L	70.0	84	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	11800 ug/L	70.0	84	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	12400 ug/L	70.0	89	(84%-121%)

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN02F2
Sample ID: 212743008

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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Valerie Davis
Reviewed by

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AN19F2	Project:	SAIC09800
Sample ID:	212743007	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 16:25		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics Federal											
8260B BTEX in Liquid Federal "As Received"											
Benzene		518	7.50	25.0	ug/L	25	ACJ	07/29/08	1844	778655	1
Ethylbenzene		1630	6.25	25.0	ug/L	25					
Toluene		1490	6.25	25.0	ug/L	25					
Xylenes (total)		5950	6.25	25.0	ug/L	25					
Benzene		538	15.0	50.0	ug/L	50	ACJ	07/29/08	2006	778655	2
Ethylbenzene		1750	12.5	50.0	ug/L	50					
Toluene		1590	12.5	50.0	ug/L	50					
Xylenes (total)		6630	12.5	50.0	ug/L	50					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	856 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	925 ug/L	40.0	93	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	929 ug/L	40.0	93	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	1020 ug/L	40.0	102	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	1750 ug/L	40.0	87	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	1840 ug/L	40.0	92	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	1880 ug/L	40.0	94	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	2040 ug/L	40.0	102	(84%-121%)

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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN19F2
Sample ID: 212743007

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
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A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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Valerie Davis
Reviewed by

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Certificate of Analysis

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Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN21F2
Sample ID: 212743005
Matrix: Water
Collect Date: 16-JUL-08 15:15
Receive Date: 19-JUL-08
Collector: Client

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		2.98	0.300	1.00	ug/L	1	DXK1 07/29/08	2150	778655	1
Ethylbenzene	E	213	0.250	1.00	ug/L	1				
Toluene		1.37	0.250	1.00	ug/L	1				
Xylenes (total)	B	525	0.250	1.00	ug/L	1				
Benzene	J	3.67	1.50	5.00	ug/L	5	ACJ 07/29/08	2221	778655	2
Ethylbenzene		249	1.25	5.00	ug/L	5				
Toluene	J	1.77	1.25	5.00	ug/L	5				
Xylenes (total)		622	1.25	5.00	ug/L	5				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	50.2 ug/L	70.0	72	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	55.1 ug/L	70.0	79	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	55.4 ug/L	70.0	79	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	58.8 ug/L	70.0	84	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	172 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	189 ug/L	40.0	95	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	189 ug/L	40.0	95	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	204 ug/L	40.0	102	(84%-121%)

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Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN21F2
Sample ID: 212743005

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
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B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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Valerie Davis
Reviewed by

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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AN22F2	Project:	SAIC09800
Sample ID:	212743003	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 14:35		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics Federal											
8260B BTEX in Liquid Federal "As Received"											
Benzene		24.6	1.50	5.00	ug/L	5	DXK1	07/29/08	2011	778655	1
Ethylbenzene		77.8	1.25	5.00	ug/L	5					
Toluene		7.32	1.25	5.00	ug/L	5					
Xylenes (total)	B	3790	1.25	5.00	ug/L	5					
Benzene		28.2	7.50	25.0	ug/L	25	ACJ	07/29/08	1749	778655	2
Ethylbenzene		86.6	6.25	25.0	ug/L	25					
Toluene	J	9.88	6.25	25.0	ug/L	25					
Xylenes (total)		4650	6.25	25.0	ug/L	25					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	264 ug/L	70.0	76	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	282 ug/L	70.0	80	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	287 ug/L	70.0	82	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	302 ug/L	70.0	86	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	863 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	931 ug/L	40.0	93	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	933 ug/L	40.0	93	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	1030 ug/L	40.0	103	(84%-121%)

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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN22F2
Sample ID: 212743003

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
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B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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Valerie Davis

Reviewed by

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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AN22F4	Project:	SAIC09800
Sample ID:	212743004	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 14:35		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene		25.3	1.50	5.00	ug/L	5	DXK1 07/30/08	1242	778655	1
Ethylbenzene		79.0	1.25	5.00	ug/L	5				
Toluene		6.79	1.25	5.00	ug/L	5				
Xylenes (total)		3900	1.25	5.00	ug/L	5				
Benzene		28.6	7.50	25.0	ug/L	25	ACJ 07/29/08	1817	778655	2
Ethylbenzene		90.5	6.25	25.0	ug/L	25				
Toluene	J	9.60	6.25	25.0	ug/L	25				
Xylenes (total)		4930	6.25	25.0	ug/L	25				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	273 ug/L	70.0	78	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	286 ug/L	70.0	82	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	293 ug/L	70.0	84	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	306 ug/L	70.0	88	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	860 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	935 ug/L	40.0	93	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	927 ug/L	40.0	93	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	1020 ug/L	40.0	102	(84%-121%)

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Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN22F4
Sample ID: 212743004

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
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B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

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Valerie Davis
Reviewed by

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Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID:	AN23F2	Project:	SAIC09800
Sample ID:	212743009	Client ID:	SAIC098
Matrix:	Water		
Collect Date:	16-JUL-08 17:40		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics Federal											
8260B BTEX in Liquid Federal "As Received"											
Benzene		71.0	1.50	5.00	ug/L	5	ACJ	07/29/08	2033	778655	1
Ethylbenzene		144	1.25	5.00	ug/L	5					
Toluene		10.6	1.25	5.00	ug/L	5					
Xylenes (total)		1240	1.25	5.00	ug/L	5					
Benzene		71.9	3.00	10.0	ug/L	10	ACJ	07/29/08	2153	778655	2
Ethylbenzene		142	2.50	10.0	ug/L	10					
Toluene		11.0	2.50	10.0	ug/L	10					
Xylenes (total)		1280	2.50	10.0	ug/L	10					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	
2	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	171 ug/L	40.0	86	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	185 ug/L	40.0	92	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	185 ug/L	40.0	93	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	203 ug/L	40.0	102	(84%-121%)
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	346 ug/L	40.0	87	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	371 ug/L	40.0	93	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	377 ug/L	40.0	94	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	409 ug/L	40.0	102	(84%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **Ft. Stewart/HAAFB MMI FY08 (01-0827-34-9294-200)**

Client Sample ID: AN23F2
Sample ID: 212743009

Project: SAIC09800
Client ID: SAIC098

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated
M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

The above sample is reported on an "as received" basis.
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Reviewed by

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson
Project: **FY08 Monitoring at Former Pumphouse #2**
(01-0827-34-9642-200)

Client Sample ID:	TH0626	Project:	SAIC09900
Sample ID:	212744001	Client ID:	SAIC099
Matrix:	Water		
Collect Date:	15-JUL-08 07:00		
Receive Date:	19-JUL-08		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Volatile Organics Federal										
8260B BTEX in Liquid Federal "As Received"										
Benzene	U	ND	0.300	1.00	ug/L	1	SJW1 07/28/08	1406	778654	1
Ethylbenzene	U	ND	0.250	1.00	ug/L	1				
Toluene	U	ND	0.250	1.00	ug/L	1				
Xylenes (total)	U	ND	0.250	1.00	ug/L	1				

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8260B	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	8260B BTEX in Liquid Federal "As Received"	62.2 ug/L	65.0	96	(66%-126%)
Bromofluorobenzene	8260B BTEX in Liquid Federal "As Received"	61.7 ug/L	65.0	95	(75%-121%)
Dibromofluoromethane	8260B BTEX in Liquid Federal "As Received"	64.1 ug/L	65.0	99	(75%-129%)
Toluene-d8	8260B BTEX in Liquid Federal "As Received"	70.4 ug/L	65.0	108	(84%-121%)

Notes:
The Qualifiers in this report are defined as follows :

** Analyte is a surrogate compound
< Result is less than value reported
> Result is greater than value reported
A The TIC is a suspected aldol-condensation product
B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
C Analyte has been confirmed by GC/MS analysis
D Results are reported from a diluted aliquot of the sample
E Organics--Concentration of the target analyte exceeds the instrument calibration range
F Estimated Value
H Analytical holding time was exceeded
J Value is estimated

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : SAIC
Address : 151 Lafayette Drive
Oak Ridge, Tennessee 37831

Report Date: August 19, 2008

Contact: Ms. Marie Simpson

Project: **FY08 Monitoring at Former Pumphouse #2**
(01-0827-34-9642-200)

Client Sample ID: TH0626
Sample ID: 212744001

Project: SAIC09900
Client ID: SAIC099

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

M Matrix Related Failure
N Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A RPD or %Recovery limits do not apply.
ND Analyte concentration is not detected above the detection limit
NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% differeut. For HPLC, difference is also <70%
R Sample results are rejected
U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.
X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y QC Samples were not spiked with this compound
^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h Preparation or preservation holding time was exceeded

The above sample is reported on an "as received" basis.
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Valerie Davis

Reviewed by

SAIC An Employee-Owned Company
Science Applications International Corporation
151 Lafayette Ave, Oak Ridge, TN 37830 (865)481-4600

212743
~~212332~~ 18

CHAIN OF CUSTODY RECORD

COC NO.: HLTM07082

PROJECT NAME: Hunter-Pumphouse 1

PROJECT NUMBER: 01-0827-04-9294-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Wayne H. Parker (Printed Name): WAYNE H. PARKER

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29407

PHONE NO: (843)556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS,
AK06FZ	07/16/08	1305	WATER	2	2		
AK05FZ	07/16/08	1345	WATER	2	2		
AN22FZ	07/16/08	1435	WATER	2	2		
AN22FY	07/16/08	1435	WATER	2	2		
AN21FZ	07/16/08	1515	WATER	2	2		
AN01FZ	07/16/08	1550	WATER	2	2		
AN19FZ	07/16/08	1625	WATER	2	2		
AN02FZ	07/16/08	1705	WATER	2	2		
AN23FZ	07/16/08	1740	WATER	2	2		
				WHP	07/18/08		

C-23

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: 18	Cooler Temperature:
Wayne H. Parker	07/18/08	Kramer	7/19/08	Cooler ID:	FEDEX NUMBER:
COMPANY NAME: SAIC	1500	COMPANY NAME: Del	0945		
RECEIVED BY: FEDEX	Date/Time 07/18/08	RELINQUISHED BY:	Date/Time		
COMPANY NAME: FEDEX	1580	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

ARCADIS

APPENDIX C

Laboratory Data

December 2008 Annual Monitoring

Note: Lab provides analytical data in electronic form only. Original COC is included.

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Chuck Bertz

Project Name: **Hunter Stewart - HAAF**

Project Number: **GP08HAFS.H18A.D0F1**

Lot Number: **JL19016**

Date Completed: **12/30/2008**

Michael Casalena
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
ARCADIS U.S., Inc.
Lot Number: JL19016

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
ARCADIS U.S., Inc.
Lot Number: JL19016

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	P-MW2 (121608)	Aqueous	12/16/2008 1640	12/19/2008
002	P-HGL (121608)	Aqueous	12/16/2008 1533	12/19/2008
003	P-MW3 (121608)	Aqueous	12/16/2008 1436	12/19/2008
004	P-MW1 (121608)	Aqueous	12/16/2008 1235	12/19/2008
005	P-MW4 (121608)	Aqueous	12/16/2008 1112	12/19/2008
006	P-MW5 (121608)	Aqueous	12/16/2008 0950	12/19/2008
007	TB1 (121608)	Aqueous	12/19/2008 0940	12/19/2008
008	D-MW5R(121708)	Aqueous	12/17/2008 1003	12/19/2008
009	D-MW6R(121708)	Aqueous	12/17/2008 1121	12/19/2008
010	D1-MW1(121708)	Aqueous	12/17/2008 1645	12/19/2008
011	P1-MW18(121708)	Aqueous	12/17/2008 1145	12/19/2008
012	P1-MW19(121708)	Aqueous	12/17/2008 1540	12/19/2008
013	P1-MW22(121708)	Aqueous	12/17/2008 1015	12/19/2008
014	P1-MW23(121708)	Aqueous	12/17/2008 1355	12/19/2008
015	P1-MW2(121808)	Aqueous	12/17/2008 0848	12/19/2008
016	DUP-HAA13R2-1	Aqueous	12/17/2008 1200	12/19/2008
017	P1-SW11(121808)	Aqueous	12/17/2008 0940	12/19/2008
018	P1-SW12(121808)	Aqueous	12/17/2008 0935	12/19/2008
019	TB-1(121708)	Aqueous	12/19/2008 0800	12/19/2008
020	D-MW1 (121608)	Aqueous	12/16/2008 1745	12/19/2008

(20 samples)

Executive Summary
ARCADIS U.S., Inc.
Lot Number: JL19016

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	P-MW2 (121608)	Aqueous	Benzene	8260B	3.3		ug/L	6
003	P-MW3 (121608)	Aqueous	Benzene	8260B	1.1		ug/L	10
003	P-MW3 (121608)	Aqueous	Xylenes (total)	8260B	20		ug/L	11
004	P-MW1 (121608)	Aqueous	Acetone	8260B	38		ug/L	12
004	P-MW1 (121608)	Aqueous	Benzene	8260B	82		ug/L	12
004	P-MW1 (121608)	Aqueous	Cyclohexane	8260B	56		ug/L	12
004	P-MW1 (121608)	Aqueous	1,2-Dichloroethane	8260B	2.2		ug/L	12
004	P-MW1 (121608)	Aqueous	Ethylbenzene	8260B	8.6		ug/L	12
004	P-MW1 (121608)	Aqueous	Isopropylbenzene	8260B	6.7		ug/L	12
004	P-MW1 (121608)	Aqueous	Methylcyclohexane	8260B	15		ug/L	12
004	P-MW1 (121608)	Aqueous	Methylene chloride	8260B	1.9		ug/L	12
004	P-MW1 (121608)	Aqueous	Toluene	8260B	3.7		ug/L	12
004	P-MW1 (121608)	Aqueous	Xylenes (total)	8260B	8.8		ug/L	13
005	P-MW4 (121608)	Aqueous	Acetone	8260B	22		ug/L	14
005	P-MW4 (121608)	Aqueous	Benzene	8260B	76		ug/L	14
005	P-MW4 (121608)	Aqueous	Chloromethane (Methyl chloride)	8260B	0.63		ug/L	14
005	P-MW4 (121608)	Aqueous	Cyclohexane	8260B	10		ug/L	14
005	P-MW4 (121608)	Aqueous	Ethylbenzene	8260B	6.9		ug/L	14
005	P-MW4 (121608)	Aqueous	Isopropylbenzene	8260B	1.0		ug/L	14
005	P-MW4 (121608)	Aqueous	Methylene chloride	8260B	3.7		ug/L	14
005	P-MW4 (121608)	Aqueous	Toluene	8260B	100		ug/L	14
005	P-MW4 (121608)	Aqueous	Xylenes (total)	8260B	60		ug/L	15
006	P-MW5 (121608)	Aqueous	Methylene chloride	8260B	1.2		ug/L	16
008	D-MW5R(121708)	Aqueous	Benzene	8260B	1700		ug/L	20
008	D-MW5R(121708)	Aqueous	Ethylbenzene	8260B	290		ug/L	20
008	D-MW5R(121708)	Aqueous	Toluene	8260B	74		ug/L	20
008	D-MW5R(121708)	Aqueous	Xylenes (total)	8260B	1800		ug/L	20
009	D-MW6R(121708)	Aqueous	Benzene	8260B	84		ug/L	21
009	D-MW6R(121708)	Aqueous	Ethylbenzene	8260B	510		ug/L	21
009	D-MW6R(121708)	Aqueous	Toluene	8260B	34		ug/L	21
009	D-MW6R(121708)	Aqueous	Xylenes (total)	8260B	2500		ug/L	21
010	D1-MW1(121708)	Aqueous	Ethylbenzene	8260B	1700		ug/L	22
010	D1-MW1(121708)	Aqueous	Toluene	8260B	1100		ug/L	22
010	D1-MW1(121708)	Aqueous	Xylenes (total)	8260B	8600		ug/L	22
011	P1-MW18(121708)	Aqueous	Ethylbenzene	8260B	7.7		ug/L	23
011	P1-MW18(121708)	Aqueous	Toluene	8260B	1.2		ug/L	23
011	P1-MW18(121708)	Aqueous	Xylenes (total)	8260B	13		ug/L	23
012	P1-MW19(121708)	Aqueous	Benzene	8260B	420		ug/L	24
012	P1-MW19(121708)	Aqueous	Ethylbenzene	8260B	1700		ug/L	24
012	P1-MW19(121708)	Aqueous	Toluene	8260B	1300		ug/L	24
012	P1-MW19(121708)	Aqueous	Xylenes (total)	8260B	6500		ug/L	24
013	P1-MW22(121708)	Aqueous	Benzene	8260B	29		ug/L	25
013	P1-MW22(121708)	Aqueous	Ethylbenzene	8260B	95		ug/L	25
013	P1-MW22(121708)	Aqueous	Toluene	8260B	18		ug/L	25
013	P1-MW22(121708)	Aqueous	Xylenes (total)	8260B	3900		ug/L	25

Executive Summary (Continued)

Lot Number: JL19016

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
014	P1-MW23(121708)	Aqueous	Benzene	8260B	88		ug/L	26
014	P1-MW23(121708)	Aqueous	Ethylbenzene	8260B	180		ug/L	26
014	P1-MW23(121708)	Aqueous	Toluene	8260B	17		ug/L	26
014	P1-MW23(121708)	Aqueous	Xylenes (total)	8260B	1500		ug/L	26
015	P1-MW2(121808)	Aqueous	Benzene	8260B	520		ug/L	27
015	P1-MW2(121808)	Aqueous	Ethylbenzene	8260B	1700		ug/L	27
015	P1-MW2(121808)	Aqueous	Toluene	8260B	16000		ug/L	27
015	P1-MW2(121808)	Aqueous	Xylenes (total)	8260B	6900		ug/L	27
016	DUP-HAA13R2-1	Aqueous	Benzene	8260B	480		ug/L	28
016	DUP-HAA13R2-1	Aqueous	Ethylbenzene	8260B	1900		ug/L	28
016	DUP-HAA13R2-1	Aqueous	Toluene	8260B	15000		ug/L	28
016	DUP-HAA13R2-1	Aqueous	Xylenes (total)	8260B	7400		ug/L	28
017	P1-SW11(121808)	Aqueous	Benzene	8260B	24		ug/L	29
017	P1-SW11(121808)	Aqueous	Ethylbenzene	8260B	51		ug/L	29
017	P1-SW11(121808)	Aqueous	Toluene	8260B	26		ug/L	29
017	P1-SW11(121808)	Aqueous	Xylenes (total)	8260B	370		ug/L	29
018	P1-SW12(121808)	Aqueous	Benzene	8260B	2.4		ug/L	30
018	P1-SW12(121808)	Aqueous	Ethylbenzene	8260B	16		ug/L	30
018	P1-SW12(121808)	Aqueous	Toluene	8260B	33		ug/L	30
018	P1-SW12(121808)	Aqueous	Xylenes (total)	8260B	88		ug/L	30
020	D-MW1 (121608)	Aqueous	Benzene	8260B	300		ug/L	32
020	D-MW1 (121608)	Aqueous	Ethylbenzene	8260B	2500		ug/L	32
020	D-MW1 (121608)	Aqueous	Toluene	8260B	220		ug/L	32
020	D-MW1 (121608)	Aqueous	Xylenes (total)	8260B	8800		ug/L	32

(69 detections)

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW2 (121608)**
Date Sampled: **12/16/2008 1640**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 1249	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	**71-43-2**	**8260B**	**3.3**		**0.50**	**ug/L**	**1**
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW2 (121608)**
Date Sampled: **12/16/2008 1640**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 1249	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	52-138
Bromofluorobenzene		90	70-147
Toluene-d8		88	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-HGL (121608)**
Date Sampled: **12/16/2008 1533**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0519	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-HGL (121608)**
Date Sampled: **12/16/2008 1533**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0519	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	52-138
Bromofluorobenzene		105	70-147
Toluene-d8		97	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW3 (121608)**
Date Sampled: **12/16/2008 1436**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0811	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.1**		**0.50**	**ug/L**	**1**
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW3 (121608)**
Date Sampled: **12/16/2008 1436**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0811	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**20**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	52-138
Bromofluorobenzene		106	70-147
Toluene-d8		97	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW1 (121608)**
Date Sampled: **12/16/2008 1235**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0750	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**38**		**10**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**82**		**0.50**	**ug/L**	**1**
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	**110-82-7**	**8260B**	**56**		**0.50**	**ug/L**	**1**
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.2**		**0.50**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**8.6**		**0.50**	**ug/L**	**1**
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	**98-82-8**	**8260B**	**6.7**		**0.50**	**ug/L**	**1**
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	**108-87-2**	**8260B**	**15**		**5.0**	**ug/L**	**1**
Methylene chloride	**75-09-2**	**8260B**	**1.9**		**0.50**	**ug/L**	**1**
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	**108-88-3**	**8260B**	**3.7**		**0.50**	**ug/L**	**1**
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW1 (121608)**
Date Sampled: **12/16/2008 1235**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0750	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**8.8**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	52-138
Bromofluorobenzene		104	70-147
Toluene-d8		96	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.** Laboratory ID: **JL19016-005**
Description: **P-MW4 (121608)** Matrix: **Aqueous**
Date Sampled: **12/16/2008 1112**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0728	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**22**		**10**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**76**		**0.50**	**ug/L**	**1**
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	**74-87-3**	**8260B**	**0.63**		**0.50**	**ug/L**	**1**
Cyclohexane	**110-82-7**	**8260B**	**10**		**0.50**	**ug/L**	**1**
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**6.9**		**0.50**	**ug/L**	**1**
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	**98-82-8**	**8260B**	**1.0**		**0.50**	**ug/L**	**1**
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**3.7**		**0.50**	**ug/L**	**1**
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	**108-88-3**	**8260B**	**100**		**0.50**	**ug/L**	**1**
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW4 (121608)**
Date Sampled: **12/16/2008 1112**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0728	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**60**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		96	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW5 (121608)**
Date Sampled: **12/16/2008 0950**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0707	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**1.2**		**0.50**	**ug/L**	**1**
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P-MW5 (121608)**
Date Sampled: **12/16/2008 0950**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0707	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	52-138
Bromofluorobenzene		103	70-147
Toluene-d8		97	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-007**
Description: **TB1 (121608)**
Matrix: **Aqueous**
Date Sampled: **12/19/2008 0940**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0645	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-007**
Description: **TB1 (121608)**
Matrix: **Aqueous**
Date Sampled: **12/19/2008 0940**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/24/2008 0645	IVC		92339

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	52-138
Bromofluorobenzene		105	70-147
Toluene-d8		96	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-008**
Description: **D-MW5R(121708)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 1003**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	12/29/2008 1655	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**1700**		**5.0**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**290**		**5.0**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**74**		**5.0**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**1800**		**5.0**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	52-138
Bromofluorobenzene		86	70-147
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-009**
Description: **D-MW6R(121708)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 1121**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	12/29/2008 1717	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**84**		**5.0**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**510**		**5.0**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**34**		**5.0**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**2500**		**5.0**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	52-138
Bromofluorobenzene		86	70-147
Toluene-d8		96	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample anelysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-010**
Description: **D1-MW1(121708)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 1645**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	20	12/29/2008 1739	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	71-43-2	8260B	ND		10	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**1700**		**10**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1100**		**10**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**8600**		**10**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	52-138
Bromofluorobenzene		90	70-147
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-011**
Description: **P1-MW18(121708)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 1145**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 1311	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**7.7**		**0.50**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1.2**		**0.50**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**13**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	52-138
Bromofluorobenzene		90	70-147
Toluene-d8		89	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.** Laboratory ID: **JL19016-012**

Description: **P1-MW19(121708)** Matrix: **Aqueous**

Date Sampled: **12/17/2008 1540**

Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	20	12/29/2008 1801	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**420**		**10**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**1700**		**10**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1300**		**10**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**6500**		**10**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	52-138
Bromofluorobenzene		88	70-147
Toluene-d8		90	76-125

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P1-MW22(121708)**
Date Sampled: **12/17/2008 1015**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	20	12/29/2008 1823	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**29**		**10**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**95**		**10**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**18**		**10**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**3900**		**10**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	52-138
Bromofluorobenzene		86	70-147
Toluene-d8		91	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-014**
Description: **P1-MW23(121708)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 1355**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	12/29/2008 1845	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**88**		**2.5**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**180**		**2.5**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**17**		**2.5**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**1500**		**2.5**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	52-138
Bromofluorobenzene		87	70-147
Toluene-d8		93	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **P1-MW2(121808)**
Date Sampled: **12/17/2008 0848**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	12/29/2008 1907	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**520**		**25**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**1700**		**25**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**16000**		**25**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**6900**		**25**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	52-138
Bromofluorobenzene		87	70-147
Toluene-d8		92	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **DUP-HAA13R2-1**
Date Sampled: **12/17/2008 1200**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-016**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	12/29/2008 1929	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**480**		**25**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**1900**		**25**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**15000**		**25**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**7400**		**25**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	52-138
Bromofluorobenzene		88	70-147
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-017**
Description: **P1-SW11(121808)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 0940**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 2014	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**24**		**0.50**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**51**		**0.50**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**26**		**0.50**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**370**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	52-138
Bromofluorobenzene		86	70-147
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **JL19016-018**
Description: **P1-SW12(121808)**
Matrix: **Aqueous**
Date Sampled: **12/17/2008 0935**
Date Received: **12/19/2008**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 1334	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**2.4**		**0.50**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**16**		**0.50**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**33**		**0.50**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**88**		**0.50**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	52-138
Bromofluorobenzene		87	70-147
Toluene-d8		87	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **TB-1(121708)**
Date Sampled: **12/19/2008 0800**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-019**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/29/2008 1418	DLB		92569

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	52-138
Bromofluorobenzene		84	70-147
Toluene-d8		88	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Description: **D-MW1 (121608)**
Date Sampled: **12/16/2008 1745**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-020**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	12/30/2008 1355	DLB		92605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Benzene	**71-43-2**	**8260B**	**300**		**25**	**ug/L**	**1**
Ethylbenzene	**100-41-4**	**8260B**	**2500**		**25**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**220**		**25**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**8800**		**25**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	52-138
Bromofluorobenzene		88	70-147
Toluene-d8		93	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: **ARCADIS U.S., Inc.**
Description: **D-MW1 (121608)**
Date Sampled: **12/16/2008 1745**
Date Received: **12/19/2008**

Laboratory ID: **JL19016-020**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010B	1	12/22/2008 2232	MNM	12/20/2008 1300	92089

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Lead	7439-92-1	6010B	ND		0.010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: JQ92339-001
Batch: 92339
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	12/24/2008 0100
Benzene	ND		1	0.50	ug/L	12/24/2008 0100
Bromodichloromethane	ND		1	0.50	ug/L	12/24/2008 0100
Bromoform	ND		1	0.50	ug/L	12/24/2008 0100
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	12/24/2008 0100
2-Butanone (MEK)	ND		1	10	ug/L	12/24/2008 0100
Carbon disulfide	ND		1	0.50	ug/L	12/24/2008 0100
Carbon tetrachloride	ND		1	0.50	ug/L	12/24/2008 0100
Chlorobenzene	ND		1	0.50	ug/L	12/24/2008 0100
Chloroethane	ND		1	0.50	ug/L	12/24/2008 0100
Chloroform	ND		1	0.50	ug/L	12/24/2008 0100
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	12/24/2008 0100
Cyclohexane	ND		1	0.50	ug/L	12/24/2008 0100
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	12/24/2008 0100
Dibromochloromethane	ND		1	0.50	ug/L	12/24/2008 0100
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	12/24/2008 0100
1,2-Dichlorobenzene	ND		1	0.50	ug/L	12/24/2008 0100
1,4-Dichlorobenzene	ND		1	0.50	ug/L	12/24/2008 0100
1,3-Dichlorobenzene	ND		1	0.50	ug/L	12/24/2008 0100
Dichlorodifluoromethane	ND		1	0.50	ug/L	12/24/2008 0100
1,2-Dichloroethane	ND		1	0.50	ug/L	12/24/2008 0100
1,1-Dichloroethane	ND		1	0.50	ug/L	12/24/2008 0100
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	12/24/2008 0100
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	12/24/2008 0100
1,1-Dichloroethene	ND		1	0.50	ug/L	12/24/2008 0100
1,2-Dichloropropane	ND		1	0.50	ug/L	12/24/2008 0100
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	12/24/2008 0100
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	12/24/2008 0100
Ethylbenzene	ND		1	0.50	ug/L	12/24/2008 0100
2-Hexanone	ND		1	10	ug/L	12/24/2008 0100
Isopropylbenzene	ND		1	0.50	ug/L	12/24/2008 0100
Methyl acetate	ND		1	1.0	ug/L	12/24/2008 0100
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	12/24/2008 0100
4-Methyl-2-pentanone	ND		1	10	ug/L	12/24/2008 0100
Methylcyclohexane	ND		1	5.0	ug/L	12/24/2008 0100
Methylene chloride	ND		1	0.50	ug/L	12/24/2008 0100
Styrene	ND		1	0.50	ug/L	12/24/2008 0100
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	12/24/2008 0100
Tetrachloroethene	ND		1	0.50	ug/L	12/24/2008 0100
Toluene	ND		1	0.50	ug/L	12/24/2008 0100
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	12/24/2008 0100
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	12/24/2008 0100
1,1,1-Trichloroethane	ND		1	0.50	ug/L	12/24/2008 0100
1,1,2-Trichloroethane	ND		1	0.50	ug/L	12/24/2008 0100

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: JQ92339-001
Batch: 92339
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	12/24/2008 0100
Trichlorofluoromethane	ND		1	0.50	ug/L	12/24/2008 0100
Vinyl chloride	ND		1	0.50	ug/L	12/24/2008 0100
Xylenes (total)	ND		1	0.50	ug/L	12/24/2008 0100

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-147
1,2-Dichloroethane-d4		108	52-138
Toluene-d8		98	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimatad result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: JQ92339-002
Batch: 92339
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	98		1	98	46-153	12/23/2008 2334
Benzene	50	48		1	96	70-130	12/23/2008 2334
Bromodichloromethane	50	55		1	109	70-130	12/23/2008 2334
Bromoform	50	62		1	125	70-130	12/23/2008 2334
Bromomethane (Methyl bromide)	50	58		1	115	60-140	12/23/2008 2334
2-Butanone (MEK)	100	97		1	97	60-140	12/23/2008 2334
Carbon disulfide	50	41		1	82	60-140	12/23/2008 2334
Carbon tetrachloride	50	62		1	124	70-130	12/23/2008 2334
Chlorobenzene	50	51		1	102	70-130	12/23/2008 2334
Chloroethane	50	52		1	105	42-163	12/23/2008 2334
Chloroform	50	50		1	100	70-130	12/23/2008 2334
Chloromethane (Methyl chloride)	50	54		1	108	20-158	12/23/2008 2334
Cyclohexane	50	44		1	88	70-130	12/23/2008 2334
1,2-Dibromo-3-chloropropane (DBCP)	50	59		1	117	70-130	12/23/2008 2334
Dibromochloromethane	50	58		1	115	70-130	12/23/2008 2334
1,2-Dibromoethane (EDB)	50	51		1	103	70-130	12/23/2008 2334
1,2-Dichlorobenzene	50	52		1	103	70-130	12/23/2008 2334
1,4-Dichlorobenzene	50	52		1	104	70-130	12/23/2008 2334
1,3-Dichlorobenzene	50	52		1	105	70-130	12/23/2008 2334
Dichlorodifluoromethane	50	63		1	126	60-140	12/23/2008 2334
1,2-Dichloroethane	50	57		1	113	70-130	12/23/2008 2334
1,1-Dichloroethane	50	49		1	98	70-130	12/23/2008 2334
cis-1,2-Dichloroethene	50	47		1	95	70-130	12/23/2008 2334
trans-1,2-Dichloroethene	50	50		1	100	70-130	12/23/2008 2334
1,1-Dichloroethene	50	49		1	98	70-130	12/23/2008 2334
1,2-Dichloropropane	50	44		1	89	70-130	12/23/2008 2334
trans-1,3-Dichloropropene	50	56		1	112	70-130	12/23/2008 2334
cis-1,3-Dichloropropene	50	52		1	105	70-130	12/23/2008 2334
Ethylbenzene	50	50		1	100	70-130	12/23/2008 2334
2-Hexanone	100	97		1	97	60-140	12/23/2008 2334
Isopropylbenzene	50	54		1	108	70-130	12/23/2008 2334
Methyl acetate	50	48		1	95	15-128	12/23/2008 2334
Methyl tertiary butyl ether (MTBE)	50	53		1	105	70-130	12/23/2008 2334
4-Methyl-2-pentanone	100	94		1	94	60-140	12/23/2008 2334
Methylcyclohexane	50	48		1	97	70-130	12/23/2008 2334
Methylene chloride	50	46		1	93	70-130	12/23/2008 2334
Styrene	50	52		1	104	70-130	12/23/2008 2334
1,1,2,2-Tetrachloroethane	50	49		1	98	70-130	12/23/2008 2334
Tetrachloroethene	50	53		1	106	70-130	12/23/2008 2334
Toluene	50	50		1	99	70-130	12/23/2008 2334
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	101	70-130	12/23/2008 2334
1,2,4-Trichlorobenzene	50	53		1	106	70-130	12/23/2008 2334
1,1,1-Trichloroethane	50	54		1	109	70-130	12/23/2008 2334
1,1,2-Trichloroethane	50	49		1	98	70-130	12/23/2008 2334

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: JQ92339-002
Batch: 92339
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	104	70-130	12/23/2008 2334
Trichlorofluoromethane	50	60		1	120	60-140	12/23/2008 2334
Vinyl chloride	50	53		1	105	60-140	12/23/2008 2334
Xylenes (total)	100	100		1	101	70-130	12/23/2008 2334

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		107	70-147
1,2-Dichloroethane-d4		116	52-138
Toluene-d8		100	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: JQ92339-003
Batch: 92339
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	92		1	92	5.6	46-153	20	12/23/2008 2355
Benzene	50	49		1	98	2.3	70-130	20	12/23/2008 2355
Bromodichloromethane	50	56		1	113	3.2	70-130	20	12/23/2008 2355
Bromoform	50	60		1	120	3.6	70-130	20	12/23/2008 2355
Bromomethane (Methyl bromide)	50	59		1	118	2.7	60-140	20	12/23/2008 2355
2-Butanone (MEK)	100	100		1	101	4.2	60-140	20	12/23/2008 2355
Carbon disulfide	50	42		1	84	2.3	60-140	20	12/23/2008 2355
Carbon tetrachloride	50	63		1	126	1.0	70-130	20	12/23/2008 2355
Chlorobenzene	50	51		1	102	0.23	70-130	20	12/23/2008 2355
Chloroethane	50	52		1	105	0.019	42-163	20	12/23/2008 2355
Chloroform	50	50		1	100	0.60	70-130	20	12/23/2008 2355
Chloromethane (Methyl chloride)	50	47		1	94	15	20-158	20	12/23/2008 2355
Cyclohexane	50	46		1	92	4.3	70-130	20	12/23/2008 2355
1,2-Dibromo-3-chloropropane (DBCP)	50	61		1	121	3.2	70-130	20	12/23/2008 2355
Dibromochloromethane	50	58		1	116	0.92	70-130	20	12/23/2008 2355
1,2-Dibromoethane (EDB)	50	52		1	105	1.9	70-130	20	12/23/2008 2355
1,2-Dichlorobenzene	50	53		1	107	3.3	70-130	20	12/23/2008 2355
1,4-Dichlorobenzene	50	52		1	104	0.16	70-130	20	12/23/2008 2355
1,3-Dichlorobenzene	50	53		1	107	1.7	70-130	20	12/23/2008 2355
Dichlorodifluoromethane	50	61		1	122	3.4	60-140	20	12/23/2008 2355
1,2-Dichloroethane	50	57		1	113	0.093	70-130	20	12/23/2008 2355
1,1-Dichloroethane	50	50		1	100	1.8	70-130	20	12/23/2008 2355
cis-1,2-Dichloroethene	50	48		1	97	2.1	70-130	20	12/23/2008 2355
trans-1,2-Dichloroethene	50	49		1	98	1.0	70-130	20	12/23/2008 2355
1,1-Dichloroethene	50	49		1	98	0.10	70-130	20	12/23/2008 2355
1,2-Dichloropropane	50	47		1	93	4.6	70-130	20	12/23/2008 2355
trans-1,3-Dichloropropene	50	56		1	111	0.44	70-130	20	12/23/2008 2355
cis-1,3-Dichloropropene	50	53		1	107	1.9	70-130	20	12/23/2008 2355
Ethylbenzene	50	51		1	102	1.2	70-130	20	12/23/2008 2355
2-Hexanone	100	94		1	94	3.0	60-140	20	12/23/2008 2355
Isopropylbenzene	50	56		1	111	3.2	70-130	20	12/23/2008 2355
Methyl acetate	50	48		1	95	0.0063	15-128	20	12/23/2008 2355
Methyl tertiary butyl ether (MTBE)	50	54		1	108	2.2	70-130	20	12/23/2008 2355
4-Methyl-2-pentanone	100	95		1	95	1.1	60-140	20	12/23/2008 2355
Methylcyclohexane	50	48		1	97	0.070	70-130	20	12/23/2008 2355
Methylene chloride	50	46		1	92	0.78	70-130	20	12/23/2008 2355
Styrene	50	52		1	105	0.63	70-130	20	12/23/2008 2355
1,1,2,2-Tetrachloroethane	50	50		1	101	3.2	70-130	20	12/23/2008 2355
Tetrachloroethene	50	53		1	106	0.25	70-130	20	12/23/2008 2355
Toluene	50	49		1	99	0.19	70-130	20	12/23/2008 2355
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	53		1	106	4.9	70-130	20	12/23/2008 2355
1,2,4-Trichlorobenzene	50	54		1	109	2.7	70-130	20	12/23/2008 2355
1,1,1-Trichloroethane	50	56		1	113	3.3	70-130	20	12/23/2008 2355
1,1,2-Trichloroethane	50	50		1	101	2.8	70-130	20	12/23/2008 2355

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: JQ92339-003
Batch: 92339
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	54		1	108	3.6	70-130	20	12/23/2008 2355
Trichlorofluoromethane	50	61		1	122	1.2	60-140	20	12/23/2008 2355
Vinyl chloride	50	54		1	108	2.0	60-140	20	12/23/2008 2355
Xylenes (total)	100	100		1	100	0.67	70-130	20	12/23/2008 2355

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		105	70-147
1,2-Dichloroethane-d4		113	52-138
Toluene-d8		100	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: JQ92569-001
Batch: 92569
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	12/29/2008 1213
Benzene	ND		1	0.50	ug/L	12/29/2008 1213
Bromodichloromethane	ND		1	0.50	ug/L	12/29/2008 1213
Bromoform	ND		1	0.50	ug/L	12/29/2008 1213
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	12/29/2008 1213
2-Butanone (MEK)	ND		1	10	ug/L	12/29/2008 1213
Carbon disulfide	ND		1	0.50	ug/L	12/29/2008 1213
Carbon tetrachloride	ND		1	0.50	ug/L	12/29/2008 1213
Chlorobenzene	ND		1	0.50	ug/L	12/29/2008 1213
Chloroethane	ND		1	0.50	ug/L	12/29/2008 1213
Chloroform	ND		1	0.50	ug/L	12/29/2008 1213
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	12/29/2008 1213
Cyclohexane	ND		1	0.50	ug/L	12/29/2008 1213
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	12/29/2008 1213
Dibromochloromethane	ND		1	0.50	ug/L	12/29/2008 1213
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	12/29/2008 1213
1,4-Dichlorobenzene	ND		1	0.50	ug/L	12/29/2008 1213
1,2-Dichlorobenzene	ND		1	0.50	ug/L	12/29/2008 1213
1,3-Dichlorobenzene	ND		1	0.50	ug/L	12/29/2008 1213
Dichlorodifluoromethane	ND		1	0.50	ug/L	12/29/2008 1213
1,2-Dichloroethane	ND		1	0.50	ug/L	12/29/2008 1213
1,1-Dichloroethane	ND		1	0.50	ug/L	12/29/2008 1213
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	12/29/2008 1213
1,1-Dichloroethene	ND		1	0.50	ug/L	12/29/2008 1213
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	12/29/2008 1213
1,2-Dichloropropane	ND		1	0.50	ug/L	12/29/2008 1213
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	12/29/2008 1213
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	12/29/2008 1213
Ethylbenzene	ND		1	0.50	ug/L	12/29/2008 1213
2-Hexanone	ND		1	10	ug/L	12/29/2008 1213
Isopropylbenzene	ND		1	0.50	ug/L	12/29/2008 1213
Methyl acetate	ND		1	1.0	ug/L	12/29/2008 1213
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	12/29/2008 1213
4-Methyl-2-pentanone	ND		1	10	ug/L	12/29/2008 1213
Methylcyclohexane	ND		1	5.0	ug/L	12/29/2008 1213
Methylene chloride	ND		1	0.50	ug/L	12/29/2008 1213
Styrene	ND		1	0.50	ug/L	12/29/2008 1213
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	12/29/2008 1213
Tetrachloroethene	ND		1	0.50	ug/L	12/29/2008 1213
Toluene	ND		1	0.50	ug/L	12/29/2008 1213
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	12/29/2008 1213
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	12/29/2008 1213
1,1,1-Trichloroethane	ND		1	0.50	ug/L	12/29/2008 1213
1,1,2-Trichloroethane	ND		1	0.50	ug/L	12/29/2008 1213

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: JQ92569-001
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	12/29/2008 1213
Trichlorofluoromethane	ND		1	0.50	ug/L	12/29/2008 1213
Vinyl chloride	ND		1	0.50	ug/L	12/29/2008 1213
Xylenes (total)	ND		1	0.50	ug/L	12/29/2008 1213

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		83	70-147
1,2-Dichloroethane-d4		87	52-138
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: JQ92569-002
Batch: 92569
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	140		1	138	46-153	12/29/2008 1105
Benzene	50	47		1	94	70-130	12/29/2008 1105
Bromodichloromethane	50	49		1	98	70-130	12/29/2008 1105
Bromoform	50	51		1	103	70-130	12/29/2008 1105
Bromomethane (Methyl bromide)	50	45		1	89	60-140	12/29/2008 1105
2-Butanone (MEK)	100	97		1	97	60-140	12/29/2008 1105
Carbon disulfide	50	44		1	88	60-140	12/29/2008 1105
Carbon tetrachloride	50	49		1	98	70-130	12/29/2008 1105
Chlorobenzene	50	49		1	98	70-130	12/29/2008 1105
Chloroethane	50	55		1	110	42-163	12/29/2008 1105
Chloroform	50	47		1	95	70-130	12/29/2008 1105
Chloromethane (Methyl chloride)	50	53		1	106	20-158	12/29/2008 1105
Cyclohexane	50	45		1	90	70-130	12/29/2008 1105
1,2-Dibromo-3-chloropropane (DBCP)	50	52		1	103	70-130	12/29/2008 1105
Dibromochloromethane	50	50		1	100	70-130	12/29/2008 1105
1,2-Dibromoethane (EDB)	50	49		1	98	70-130	12/29/2008 1105
1,4-Dichlorobenzene	50	48		1	95	70-130	12/29/2008 1105
1,2-Dichlorobenzene	50	48		1	96	70-130	12/29/2008 1105
1,3-Dichlorobenzene	50	48		1	95	70-130	12/29/2008 1105
Dichlorodifluoromethane	50	55		1	109	60-140	12/29/2008 1105
1,2-Dichloroethane	50	51		1	102	70-130	12/29/2008 1105
1,1-Dichloroethane	50	49		1	98	70-130	12/29/2008 1105
cis-1,2-Dichloroethene	50	48		1	97	70-130	12/29/2008 1105
1,1-Dichloroethene	50	48		1	96	70-130	12/29/2008 1105
trans-1,2-Dichloroethene	50	48		1	96	70-130	12/29/2008 1105
1,2-Dichloropropane	50	47		1	95	70-130	12/29/2008 1105
cis-1,3-Dichloropropene	50	50		1	101	70-130	12/29/2008 1105
trans-1,3-Dichloropropene	50	47		1	94	70-130	12/29/2008 1105
Ethylbenzene	50	51		1	102	70-130	12/29/2008 1105
2-Hexanone	100	100		1	102	60-140	12/29/2008 1105
Isopropylbenzene	50	51		1	102	70-130	12/29/2008 1105
Methyl acetate	50	50		1	100	15-128	12/29/2008 1105
Methyl tertiary butyl ether (MTBE)	50	52		1	104	70-130	12/29/2008 1105
4-Methyl-2-pentanone	100	99		1	99	60-140	12/29/2008 1105
Methylcyclohexane	50	49		1	98	70-130	12/29/2008 1105
Methylene chloride	50	42		1	84	70-130	12/29/2008 1105
Styrene	50	49		1	99	70-130	12/29/2008 1105
1,1,2,2-Tetrachloroethane	50	38		1	77	70-130	12/29/2008 1105
Tetrachloroethene	50	50		1	101	70-130	12/29/2008 1105
Toluene	50	47		1	95	70-130	12/29/2008 1105
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	93	70-130	12/29/2008 1105
1,2,4-Trichlorobenzene	50	50		1	100	70-130	12/29/2008 1105
1,1,1-Trichloroethane	50	48		1	96	70-130	12/29/2008 1105
1,1,2-Trichloroethane	50	48		1	97	70-130	12/29/2008 1105

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: JQ92569-002
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	55		1	110	70-130	12/29/2008 1105
Trichlorofluoromethane	50	56		1	113	60-140	12/29/2008 1105
Vinyl chloride	50	54		1	108	60-140	12/29/2008 1105
Xylenes (total)	100	100		1	102	70-130	12/29/2008 1105

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	70-147
1,2-Dichloroethane-d4		95	52-138
Toluene-d8		86	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: JQ92569-003
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	130		1	130	6.3	46-153	20	12/29/2008 1127
Benzene	50	50		1	99	4.8	70-130	20	12/29/2008 1127
Bromodichloromethane	50	51		1	103	4.3	70-130	20	12/29/2008 1127
Bromoform	50	54		1	109	5.7	70-130	20	12/29/2008 1127
Bromomethane (Methyl bromide)	50	47		1	95	6.0	60-140	20	12/29/2008 1127
2-Butanone (MEK)	100	92		1	92	5.3	60-140	20	12/29/2008 1127
Carbon disulfide	50	55	+	1	110	22	60-140	20	12/29/2008 1127
Carbon tetrachloride	50	50		1	100	2.2	70-130	20	12/29/2008 1127
Chlorobenzene	50	54		1	108	9.6	70-130	20	12/29/2008 1127
Chloroethane	50	59		1	117	6.2	42-163	20	12/29/2008 1127
Chloroform	50	48		1	96	0.56	70-130	20	12/29/2008 1127
Chloromethane (Methyl chloride)	50	56		1	111	4.7	20-158	20	12/29/2008 1127
Cyclohexane	50	51		1	102	12	70-130	20	12/29/2008 1127
1,2-Dibromo-3-chloropropane (DBCP)	50	54		1	108	4.4	70-130	20	12/29/2008 1127
Dibromochloromethane	50	54		1	108	7.8	70-130	20	12/29/2008 1127
1,2-Dibromoethane (EDB)	50	53		1	106	7.9	70-130	20	12/29/2008 1127
1,4-Dichlorobenzene	50	51		1	102	6.5	70-130	20	12/29/2008 1127
1,2-Dichlorobenzene	50	52		1	104	7.8	70-130	20	12/29/2008 1127
1,3-Dichlorobenzene	50	52		1	105	9.3	70-130	20	12/29/2008 1127
Dichlorodifluoromethane	50	57		1	113	3.6	60-140	20	12/29/2008 1127
1,2-Dichloroethane	50	48		1	97	5.7	70-130	20	12/29/2008 1127
1,1-Dichloroethane	50	50		1	101	3.4	70-130	20	12/29/2008 1127
cis-1,2-Dichloroethene	50	50		1	100	2.6	70-130	20	12/29/2008 1127
1,1-Dichloroethene	50	51		1	102	5.6	70-130	20	12/29/2008 1127
trans-1,2-Dichloroethene	50	49		1	98	2.6	70-130	20	12/29/2008 1127
1,2-Dichloropropane	50	50		1	100	5.2	70-130	20	12/29/2008 1127
cis-1,3-Dichloropropene	50	55		1	111	9.2	70-130	20	12/29/2008 1127
trans-1,3-Dichloropropene	50	52		1	105	11	70-130	20	12/29/2008 1127
Ethylbenzene	50	57		1	113	11	70-130	20	12/29/2008 1127
2-Hexanone	100	110		1	111	8.4	60-140	20	12/29/2008 1127
Isopropylbenzene	50	56		1	112	9.2	70-130	20	12/29/2008 1127
Methyl acetate	50	45		1	89	11	15-128	20	12/29/2008 1127
Methyl tertiary butyl ether (MTBE)	50	52		1	104	0.12	70-130	20	12/29/2008 1127
4-Methyl-2-pentanone	100	100		1	102	3.8	60-140	20	12/29/2008 1127
Methylcyclohexane	50	51		1	102	4.5	70-130	20	12/29/2008 1127
Methylene chloride	50	44		1	88	4.9	70-130	20	12/29/2008 1127
Styrene	50	53		1	106	7.4	70-130	20	12/29/2008 1127
1,1,2,2-Tetrachloroethane	50	51	+	1	102	28	70-130	20	12/29/2008 1127
Tetrachloroethene	50	57		1	114	12	70-130	20	12/29/2008 1127
Toluene	50	52		1	104	9.5	70-130	20	12/29/2008 1127
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	101	7.7	70-130	20	12/29/2008 1127
1,2,4-Trichlorobenzene	50	56		1	111	11	70-130	20	12/29/2008 1127
1,1,1-Trichloroethane	50	48		1	97	1.6	70-130	20	12/29/2008 1127
1,1,2-Trichloroethane	50	54		1	109	12	70-130	20	12/29/2008 1127

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: JQ92569-003
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	101	9.1	70-130	20	12/29/2008 1127
Trichlorofluoromethane	50	57		1	114	0.60	60-140	20	12/29/2008 1127
Vinyl chloride	50	55		1	110	2.0	60-140	20	12/29/2008 1127
Xylenes (total)	100	110		1	112	9.7	70-130	20	12/29/2008 1127

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	70-147
1,2-Dichloroethane-d4		81	52-138
Toluene-d8		89	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criterie

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MS

Sample ID: JL19016-001MS
Batch: 92569
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	100	140	N	1	137	80-130	12/29/2008 2036
Benzene	3.3	50	53		1	99	70-130	12/29/2008 2036
Bromodichloromethane	ND	50	53		1	106	70-130	12/29/2008 2036
Bromoform	ND	50	50		1	100	70-130	12/29/2008 2036
Bromomethane (Methyl bromide)	ND	50	48		1	95	60-140	12/29/2008 2036
2-Butanone (MEK)	ND	100	96		1	96	60-140	12/29/2008 2036
Carbon disulfide	ND	50	43		1	86	60-140	12/29/2008 2036
Carbon tetrachloride	ND	50	52		1	103	70-130	12/29/2008 2036
Chlorobenzene	ND	50	54		1	108	70-130	12/29/2008 2036
Chloroethane	ND	50	58		1	117	42-163	12/29/2008 2036
Chloroform	ND	50	48		1	97	70-130	12/29/2008 2036
Chloromethane (Methyl chloride)	ND	50	50		1	100	20-158	12/29/2008 2036
Cyclohexane	ND	50	44		1	89	70-130	12/29/2008 2036
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	58		1	115	70-130	12/29/2008 2036
Dibromochloromethane	ND	50	54		1	109	70-130	12/29/2008 2036
1,2-Dibromoethane (EDB)	ND	50	54		1	109	70-130	12/29/2008 2036
1,4-Dichlorobenzene	ND	50	51		1	102	70-130	12/29/2008 2036
1,2-Dichlorobenzene	ND	50	53		1	106	70-130	12/29/2008 2036
1,3-Dichlorobenzene	ND	50	51		1	102	70-130	12/29/2008 2036
Dichlorodifluoromethane	ND	50	56		1	113	60-140	12/29/2008 2036
1,2-Dichloroethane	ND	50	52		1	105	70-130	12/29/2008 2036
1,1-Dichloroethane	ND	50	49		1	98	70-130	12/29/2008 2036
cis-1,2-Dichloroethene	ND	50	48		1	97	70-130	12/29/2008 2036
1,1-Dichloroethene	ND	50	49		1	97	70-130	12/29/2008 2036
trans-1,2-Dichloroethene	ND	50	47		1	94	70-130	12/29/2008 2036
1,2-Dichloropropane	ND	50	50		1	100	70-130	12/29/2008 2036
cis-1,3-Dichloropropene	ND	50	52		1	104	70-130	12/29/2008 2036
trans-1,3-Dichloropropene	ND	50	48		1	96	70-130	12/29/2008 2036
Ethylbenzene	ND	50	55		1	110	70-130	12/29/2008 2036
2-Hexanone	ND	100	120		1	117	60-140	12/29/2008 2036
Isopropylbenzene	ND	50	54		1	108	70-130	12/29/2008 2036
Methyl acetate	ND	50	41		1	82	15-128	12/29/2008 2036
Methyl tertiary butyl ether (MTBE)	ND	50	50		1	101	70-130	12/29/2008 2036
4-Methyl-2-pentanone	ND	100	110		1	106	60-140	12/29/2008 2036
Methylcyclohexane	ND	50	49		1	98	70-130	12/29/2008 2036
Methylene chloride	ND	50	42		1	83	70-130	12/29/2008 2036
Styrene	ND	50	47		1	95	70-130	12/29/2008 2036
1,1,2,2-Tetrachloroethane	ND	50	54		1	109	70-130	12/29/2008 2036
Tetrachloroethene	ND	50	55		1	110	70-130	12/29/2008 2036
Toluene	ND	50	53		1	106	70-130	12/29/2008 2036
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	48		1	96	70-130	12/29/2008 2036
1,2,4-Trichlorobenzene	ND	50	55		1	109	70-130	12/29/2008 2036
1,1,1-Trichloroethane	ND	50	52		1	103	70-130	12/29/2008 2036
1,1,2-Trichloroethane	ND	50	54		1	108	70-130	12/29/2008 2036

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MS

Sample ID: JL19016-001MS
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	ND	50	51		1	102	70-130	12/29/2008 2036
Trichlorofluoromethane	ND	50	61		1	121	60-140	12/29/2008 2036
Vinyl chloride	ND	50	53		1	106	60-140	12/29/2008 2036
Xylenes (total)	ND	100	110		1	109	70-130	12/29/2008 2036

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		89	70-147
1,2-Dichloroethane-d4		88	52-138
Toluene-d8		92	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MSD

Sample ID: JL19016-001MD
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	ND	100	160	N	1	158	14	80-130	20	12/29/2008 2058
Benzene	3.3	50	52		1	97	2.1	70-130	20	12/29/2008 2058
Bromodichloromethane	ND	50	52		1	103	2.6	70-130	20	12/29/2008 2058
Bromoform	ND	50	48		1	96	3.9	70-130	20	12/29/2008 2058
Bromomethane (Methyl bromide)	ND	50	50		1	100	4.3	60-140	20	12/29/2008 2058
2-Butanone (MEK)	ND	100	110		1	108	11	60-140	20	12/29/2008 2058
Carbon disulfide	ND	50	44		1	87	1.3	60-140	20	12/29/2008 2058
Carbon tetrachloride	ND	50	50		1	100	2.7	70-130	20	12/29/2008 2058
Chlorobenzene	ND	50	51		1	103	5.1	70-130	20	12/29/2008 2058
Chloroethane	ND	50	60		1	120	3.0	42-163	20	12/29/2008 2058
Chloroform	ND	50	48		1	97	0.097	70-130	20	12/29/2008 2058
Chloromethane (Methyl chloride)	ND	50	54		1	109	8.7	20-158	20	12/29/2008 2058
Cyclohexane	ND	50	44		1	89	0.28	70-130	20	12/29/2008 2058
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	57		1	113	1.8	70-130	20	12/29/2008 2058
Dibromochloromethane	ND	50	51		1	102	6.6	70-130	20	12/29/2008 2058
1,2-Dibromoethane (EDB)	ND	50	52		1	104	5.3	70-130	20	12/29/2008 2058
1,4-Dichlorobenzene	ND	50	49		1	97	4.1	70-130	20	12/29/2008 2058
1,2-Dichlorobenzene	ND	50	51		1	101	4.1	70-130	20	12/29/2008 2058
1,3-Dichlorobenzene	ND	50	49		1	98	4.5	70-130	20	12/29/2008 2058
Dichlorodifluoromethane	ND	50	55		1	110	2.7	60-140	20	12/29/2008 2058
1,2-Dichloroethane	ND	50	53		1	105	0.78	70-130	20	12/29/2008 2058
1,1-Dichloroethane	ND	50	50		1	100	2.8	70-130	20	12/29/2008 2058
cis-1,2-Dichloroethene	ND	50	49		1	99	1.6	70-130	20	12/29/2008 2058
1,1-Dichloroethene	ND	50	48		1	97	0.46	70-130	20	12/29/2008 2058
trans-1,2-Dichloroethene	ND	50	48		1	96	2.2	70-130	20	12/29/2008 2058
1,2-Dichloropropane	ND	50	50		1	99	1.1	70-130	20	12/29/2008 2058
cis-1,3-Dichloropropene	ND	50	50		1	101	3.5	70-130	20	12/29/2008 2058
trans-1,3-Dichloropropene	ND	50	47		1	93	2.8	70-130	20	12/29/2008 2058
Ethylbenzene	ND	50	53		1	107	3.5	70-130	20	12/29/2008 2058
2-Hexanone	ND	100	110		1	114	2.5	60-140	20	12/29/2008 2058
Isopropylbenzene	ND	50	52		1	105	3.4	70-130	20	12/29/2008 2058
Methyl acetate	ND	50	40		1	81	1.0	15-128	20	12/29/2008 2058
Methyl tertiary butyl ether (MTBE)	ND	50	52		1	104	2.5	70-130	20	12/29/2008 2058
4-Methyl-2-pentanone	ND	100	110		1	112	5.0	60-140	20	12/29/2008 2058
Methylcyclohexane	ND	50	48		1	96	3.0	70-130	20	12/29/2008 2058
Methylene chloride	ND	50	42		1	85	2.0	70-130	20	12/29/2008 2058
Styrene	ND	50	43		1	87	8.9	70-130	20	12/29/2008 2058
1,1,2,2-Tetrachloroethane	ND	50	51		1	102	6.7	70-130	20	12/29/2008 2058
Tetrachloroethene	ND	50	52		1	104	6.3	70-130	20	12/29/2008 2058
Toluene	ND	50	51		1	101	4.6	70-130	20	12/29/2008 2058
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	47		1	93	2.6	70-130	20	12/29/2008 2058
1,2,4-Trichlorobenzene	ND	50	52		1	104	4.5	70-130	20	12/29/2008 2058
1,1,1-Trichloroethane	ND	50	51		1	101	2.1	70-130	20	12/29/2008 2058
1,1,2-Trichloroethane	ND	50	52		1	105	3.5	70-130	20	12/29/2008 2058

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MSD

Sample ID: JL19016-001MD
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	ND	50	50		1	101	0.72	70-130	20	12/29/2008 2058
Trichlorofluoromethane	ND	50	59		1	118	2.7	60-140	20	12/29/2008 2058
Vinyl chloride	ND	50	54		1	109	2.4	60-140	20	12/29/2008 2058
Xylenes (total)	ND	100	100		1	102	6.0	70-130	20	12/29/2008 2058

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	70-147
1,2-Dichloroethane-d4		90	52-138
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MS

Sample ID: JL19016-014MS
Batch: 92569
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	88	250	310		5	90	70-130	12/29/2008 2120
Ethylbenzene	180	250	400		5	86	70-130	12/29/2008 2120
Toluene	17	250	260		5	96	70-130	12/29/2008 2120
Xylenes (total)	1500	500	1600	N	5	34	70-130	12/29/2008 2120

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		86	70-147
1,2-Dichloroethane-d4		86	52-138
Toluene-d8		89	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MSD

Sample ID: JL19016-014MD
Batch: 92569
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Benzene	88	250	310		5	89	0.97	70-130	20	12/29/2008 2142
Ethylbenzene	180	250	390		5	82	2.4	70-130	20	12/29/2008 2142
Toluene	17	250	260		5	95	0.86	70-130	20	12/29/2008 2142
Xylenes (total)	1500	500	1600	N	5	30	1.3	70-130	20	12/29/2008 2142

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		86	70-147
1,2-Dichloroethane-d4		94	52-138
Toluene-d8		90	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry waight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: JQ92605-001
Batch: 92605
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Benzene	ND		1	0.50	ug/L	12/30/2008 0912
Ethylbenzene	ND		1	0.50	ug/L	12/30/2008 0912
Toluene	ND		1	0.50	ug/L	12/30/2008 0912
Xylenes (total)	ND		1	0.50	ug/L	12/30/2008 0912

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		86	70-147
1,2-Dichloroethane-d4		98	52-138
Toluene-d8		91	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: JQ92605-002
Batch: 92605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	47		1	95	70-130	12/30/2008 0745
Ethylbenzene	50	50		1	100	70-130	12/30/2008 0745
Toluene	50	50		1	99	70-130	12/30/2008 0745
Xylenes (total)	100	100		1	102	70-130	12/30/2008 0745

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		90	70-147
1,2-Dichloroethane-d4		94	52-138
Toluene-d8		93	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: JQ92605-003
Batch: 92605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Benzene	50	48		1	97	2.4	70-130	20	12/30/2008 0807
Ethylbenzene	50	53		1	105	5.1	70-130	20	12/30/2008 0807
Toluene	50	52		1	104	4.3	70-130	20	12/30/2008 0807
Xylenes (total)	100	100		1	106	3.1	70-130	20	12/30/2008 0807

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		88	70-147
1,2-Dichloroethane-d4		84	52-138
Toluene-d8		92	76-125

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

ICP-AES - MB

Sample ID: JQ92089-001
Batch: 92089
Analytical Method: 6010B

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/20/2008 1300

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Lead	ND		1	0.010	mg/L	12/22/2008 2142

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

ICP-AES - LCS

Sample ID: JQ92089-002
Batch: 92089
Analytical Method: 6010B

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/20/2008 1300

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Lead	0.40	0.40		1	99	80-120	12/22/2008 2146

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

ICP-AES - LCSD

Sample ID: JQ92089-003
Batch: 92089
Analytical Method: 6010B

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 12/20/2008 1300

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Lead	0.40	0.39		1	98	0.61	80-120	20	12/22/2008 2150

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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

SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 86478

Client: ARCADIS
Address: 801 Corporate Center Drive, Suite 300
City: Raleigh State: NC Zip Code: 27607
Project Name: ~~Hunter Stewart~~ Fort Stewart/HAAF
Project No.: GP08HAFS.~~H18A~~ H18A.DGDF1
P.O. No.:

Report to Contact: Chuck Bertz
Sampler's Signature: x
Printed Name: Danny Dorminy

Telephone No. / Fax No. / E-mail: ~~912~~ 919-854-9812
Waybill No.:
Quote No.:
Page 1 of 1

Analysis (Attach list if more space is needed): VOCs (SW8260)
Lot No.: JL19066

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Grab/Composite	Matrix	No. of Containers by Preservative Type	VOCs (SW8260)	Remarks / Cooler I.D.
P-HW2 (121608) MS/MSD	12/16/8	1640	G	X	9	✓	
P-HGL (121608)	12/16/8	1533	G	X	3	✓	
P-HW3 (121608)	12/16/8	1436	G	X	3	✓	
P-HW1 (121608)	12/16/8	1235	G	X	3	✓	
P-HW4 (121608)	12/16/8	1112	G	X	3	✓	
P-HW5 (121608)	12/16/8	0950	G	X	3	✓	
TB-1 (121608)	12/16/8	0900	G	X	2	✓	

Erica Maddox 12/18/08

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
Sample Disposal: ☐ Return to Client ☑ Disposal by Lab
Note: All samples are retained for six weeks from receipt unless other arrangements are made.
Turn Around Time Required (Prior lab approval required for expedited TAT): ☑ Standard ☐ Rush (Specify)
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Erica Maddox	12/18/08	12:00	1. Received by:		
2. Relinquished by:			2. Received by:		
3. Relinquished by: FEDEX	12-19-08	0940	3. Laboratory received by: [signature]	12-19-08	0940

Comments:
LAB USE ONLY
Received on Ice (Circle): (Yes) No Ice Pack TB
Receipt Temp. 2.9 °C

DISTRIBUTION: WHITE & YELLOW Return to laboratory with Sample(s); PINK Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-08

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/23/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: CEL 12/19/08 Lot #: JL9016

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 2.9 °C / °C / °C / °C / °C / °C / °C / °C

Method: ☑ Temperature Blank ☐ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☐	No ☑	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☐	No ☑	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Time 12/19/08 FedEx Tracking Number 865594007480

Sender's Name _____ Phone _____

Company _____

Address _____ Date/Time _____

City _____ State _____ ZIP _____

Your Reference _____

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐

SESI employee: _____

Comments: _____

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 86479

ARCADIS

Client	Report to Contact	Telephone No. / Fax No. / E-mail	Quote No.
801 Corporate Center Drive	Chuck Bertz	919-854-9812	
Address: Suite 300	Sampler's Signature: Holly English / [signature]	Waybill No	Page 1 of 2
City: Raleigh — State: NC — Zip Code: 27607	Printed Name: Holly English / Arghavand Pagan	Analysis (Attach list if more space is needed.)	
Project Name: Fort Stewart / HAAF			Lot No. JL19016 ~~JL19017~~ SAM 12/19
Project No.: GP08HAFS.H13A.NA1R2	P.O. No.		Remarks / Cooler I.D.

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	C = Composite / G = Grab	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	Na Thio	BTEX (5030/8260B)
D-MW5R (121708)	12/17/08	1003	G	X					3				X
D-MW6R (121708)	↓	1121	G	X					3				X
P1-MW1 (121708)	↓	1645	G	X					3				X
P1-MW18 (121708)	↓	1145	G	X					3				X
P1-MW19 (121708)	↓	1540	G	X					3				X
P1-MW22 (121708)	↓	1015	G	X					3				X
P1-MW23 (121708) MS/MSD	↓	1355	G	X					9				X
P1-MW2 (121808)	12/18/08	0848	G	X					3				X
DUP-HAA13A2-1	↓	1200	G	X					3				X
P1-SW11 (121808)	↓	0940	G	X					3				X

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT): ☑ Standard ☐ Rush (Specify)

QC Requirements (Specify)

Relinquished by	Date	Time	Received by	Date	Time
1. Relinquished by: [signature] Maddop	12/18/08	1200	1. Received by		
2. Relinquished by	Date	Time	2. Received by		
3. Relinquished by: FEDEX	12-19-08	0940	3. Laboratory received by: [signature]	12-19-08	0940

Comments

LAB USE ONLY — Received on ice (Circle) (Yes) No Ice Pack — Receipt Temp. 2.0 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 86483

ARCADIS

Client	801 Corporate Center Drive
Address	Suite 300
City / State / Zip Code	Raleigh / NC / 27607
Project Name	Fort Stewart/HAAF
Project No.	GP08HAFS.HIPA.NIR2
P.O. No.	
Report to Contact	Chuck Burtz
Sampler's Signature	x Erica Maddox
Printed Name	Erica Maddox
Telephone No. / Fax No. / E-mail	919-854-9812
Waybill No.	
Quote No.	
Page	2 of 2

Analysis (Attach list if more space is needed): BTEX (8260B)

Lot No. JL16017 (SAM 12/19) JL1401

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab / Composite	Matrix: Aqueous	Solid	Non-Aqueous	Unpres.	H_2SO_4	HNO_3	HCl	NaOH	[illegible]	BTEX (8260B)	Remarks / Cooler I.D.
PI-SW12(121808)	12/18/08	0935	G	X						3			X	
TB-1(121708)	12/17/08	0800								2			X	

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT): X Standard ☐ Rush (Specify)

QC Requirements (Specify)

Relinquished by	Date	Time	Received by	Date	Time
1. Erica Maddox	12/18/08	1200	1.		
2.			2.		
3. FEDEX	12-19-08	0946	3. Laboratory received by: [signature]	12-19-08	0946

Comments

LAB USE ONLY: Received on ice (Circle) (Yes) No Ice Pack — Receipt Temp. 2.0 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

JL19016

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: KCC 12/19/08 Lot #: ~~JL19017~~ SAM 12/19

Means of receipt: [ ] SESI [ ] Client [ ] UPS [x] FedEx [ ] Airborne Exp [ ] Other

Yes	No	NA	Question
[x]	[ ]	[ ]	1. Were custody seals present on the cooler?
[x]	[ ]	[ ]	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 2.0 °C ___/___ °C ___/___ °C ___/___ °C
___/___ °C ___/___ °C ___/___ °C ___/___ °C

Method: [x] Temperature Blank [ ] Against Bottles
Method of coolant: [x] Wet Ice [ ] Blue Ice [ ] Dry Ice [ ] None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes	No	NA	Question
[ ]	[ ]	[x]	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: ________. (For coolers received via commercial courier, PMs are to be notified immediately.
[x]	[ ]	[ ]	4. Is the commercial courier's packing slip attached to this form?
[ ]	[x]	[ ]	5. Were proper custody procedures (relinquished/received) followed?
[x]	[ ]	[ ]	6. Were sample IDs listed?
[x]	[ ]	[ ]	7. Was collection date & time listed?
[x]	[ ]	[ ]	8. Were tests to be performed listed on the COC or was quote # provided?
[x]	[ ]	[ ]	9. Did all samples arrive in the proper containers for each test?
[x]	[ ]	[ ]	10. Did all container label information (ID, date, time) agree with COC?
[x]	[ ]	[ ]	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
[x]	[ ]	[ ]	12. Was adequate sample volume available?
[x]	[ ]	[ ]	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
[ ]	[x]	[ ]	14. Were any samples containers missing?
[ ]	[x]	[ ]	15. Were there any excess samples not listed on COC?
[ ]	[x]	[ ]	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
[ ]	[ ]	[x]	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
[ ]	[ ]	[x]	18. Were all cyanide and/or sulfide samples received at a pH >12?
[ ]	[ ]	[x]	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
[ ]	[ ]	[x]	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) ________ were received incorrectly preserved and were adjusted accordingly in sample receiving with ________ (H_2SO_4, HNO_3, HCl, NaOH) with the SR # (number)

Sample(s) ________ were received with bubbles >6 mm in diameter.

Sample(s) ________ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) ________ ... and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes [ ] No [ ]

SESI employee: ________

Comments: ________

Ship Date 12/18/08 FedEx Tracking Number 865594002...
Sender's Name ... Phone 770 431-8666
Company ...
Address ... PACES FERRY RD ... STE 400
City ... State ... ZIP 30339-3769
Your Internal Billing Reference GPORHAF: H1BA NA1R2

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

SHEALY Chain of Custody Record

Number 86481

ARCADIS

Client	Report to Contact	Telephone No. / Fax No. / E-mail	Quote No.
801 Corporate Center Drive	Chuck Bertz	919-854-9812	
Address	Sampler's Signature	Waybill No.	Page 1 of 3
Suite 300	x Erica Maddox		
City / State / Zip Code	Printed Name	Analysis (Attach list if more space is needed.)	
Raleigh / NC / 27607	Erica Maddox		
Project Name			
Fort Stewart / HAAF			
Project No.	P.O. No.		Lot No. JL19058
GP08HAFS, H13M, NAIRI			JL19016

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab / Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Liquid / Aqueous	No. of Containers by Preservative Type: Unpres.	HNO3	H2SO4	HCl	NaOH	Other	BTEX (Surrogate) Lead (Surrogate)	Remarks / Cooler I.D.
D-MW01 (121608)	12/16/08	1745	G	X						1	3			
D-MW34 (121608)	12/16/08	1615	G	X						1	3			
D-MW36 (121608)	12/16/08	1825	G	X						1	3			
P1-MW11 (121608)	12/16/08	1615	G	X						1	3			
P1-MW12 (121608)	12/16/08	1840	G	X						1	3			
P1-MW13 (121608)	12/16/08	1640	G	X						1	3			
D-MW02 (121708)	12/17/08	1703	G	X						1	3			
D-MW08 (121708)	12/17/08	1420	G	X						1	3			
D-MW11 (121708)	12/17/08	1617	G	X						1	3			
D-MW12 (121708)	12/17/08	1916	G	X						1	3			

Possible Hazard Identification: ✓ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ✓ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ✓ Standard ☐ Rush (Specify)

QC Requirements (Specify):

1. Relinquished by	Date	Time	1. Received by	Date	Time
Erica Maddox	12/18/08	1200			
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by: FEDEX 12	Date 19/8	Time 0940	3. Laboratory received by: G. Richardson	Date 12/19/08	Time 0940

Comments:

LAB USE ONLY
Received on Ice (Circle) (Yes) No Temp Blank TB

Receipt Temp: 3.2 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field Client Copy

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com
Level 1 Report v2.1
SHEALY ENVIRONMENTAL SERVICES, INC.

ARCADIS

APPENDIX D

Site Ranking Form

SITE RANKING FORM

Facility Name: Former Pumphouse #1 Site (Release #2) **Ranked by:** Maddox/Bostian

Facility ID: 9-025085*2 **County:** Chatham **Date Ranked:** 4/21/2009

SOIL CONTAMINATION

A. Total Regulated PAHs – Maximum concentration at the site (Assume < 0.660 mg/kg if only gasoline was stored on site)

_____ ≤ 0.0660 = 0
_____ .066-0.99 mg/kg = 10
*X 1-10 mg/kg = 25
_____ >10 mg/kg = 50
*1996 CAP-Part A sample SB0801 at 4.0'-6.0'

B. Total Benzene – Maximum Concentration found on the site

_____ ≤ 0.005 mg/kg = 0
_____ >0.005 - .05 mg/kg = 1
*X .05 – .99 = 10
_____ 1 – 9.9 = 25
_____ 10 – 49.9 mg/kg = 40
_____ ≥ 50 mg/kg = 50
*2008 Supplemental Investigation sample P1-DB-06

C. DEPTH TO GROUNDWATER – (Shallowest)
(bls = below land surface)

_____ > 50' bls = 1
_____ > 25' bls = 2
_____ > 10' bls = 5
X ≤ 25' bls = 10

Fill in the blanks: (A. 25) + (B. 10) = (35) x C. (10) = D. (350)

GROUNDWATER CONTAMINATION

E. Free Product (Nonaqueous-phase liquid hydrocarbons:
See Guidelines for definition of "sheen").

_____ No free product = 0
*X Sheen – 1/8" = 250
_____ > 1/8" - 6" = 500
_____ > 6" – 1ft. = 1,000
_____ For every additional inch above a foot, add 100 more points = 1,000+
*July 2008 Gauging event

F. Dissolved Benzene – Maximum Concentration at the site (One well must be located at the source of the release.)

_____ ≤ ug/L = 0
_____ >5 – 100 ug/L = 5
_____ >100 – 1,000 ug/L = 50
* X >1,000 – 5,000 ug/L = 250
_____ >5,000 – 10,000 ug/L = 500
_____ > 10,000 ug/L = 1,500
*Sample from D-MW5R (December 2008)

Fill in the blanks: (E. 250) + (F. 250) = G. (500)

Facility Name: Former Pumphouse #1 Site (Release #2) **Ranked by:** Maddox/Bostian

Facility ID: 9-025085*2 **County:** Chatham **Date Ranked:** 4/21/2009

POTENTIAL RECEPTORS (Must be Field Verified)

Distance from nearest contaminant plume boundary to the nearest hydraulically connected Point of Withdrawal for water supply. This distance must be field-verified. **If the point of withdrawal is not hydraulically connected, evidence as outlined in the CAP-A guidance document MUST be presented to substantiate this claim.**

H. Public

_____	Impacted = 2,000
_____	≤ 500' = 500
_____	> 500' – 1/4 mi = 25
_____	> 1/4 mi – 1 mi = 10
_____	> 1 mi – 2 mi = 5
_____	> 2 mi = 2

For lower susceptibility areas only:

_____	> 1 mi = 0

I. Non-Public

_____	Impacted = 1,000
_____	≤ 100' = 500
_____	> 100' - 500' = 25
_____	> 500' – 1/4 mi = 5
_____	> 1/4 mi – 1/2 mi = 2
X	> 1/2 mi = 0

For lower susceptibility areas only:

_____	> 1/4 mi = 0

Note: If site is in lower susceptibility area do not use the shaded areas.

J. Distance from nearest contaminant Pulum boundary to downgradient Surface Waters **OR UTILITY TRENCHES & VAULTS** (Must be field _verified)

_____	Impacted = 500
X	≤ 500' = 50
_____	> 500'- 1,000' = 5
_____	> 1,000' = 2

K. Distance from any Free Product to basements and crawl spaces

_____	Impacted = 500
_____	≤ 500' = 50
_____	> 500'- 1,000' = 5
X	> 1,000' = 2

Fill in the blanks:

(H. 0) + (I. 0) + (J. 50) + (K. 2) = L. 100 (G. 500) x (L. 100) = M. 50,000 (M. 50,000) + (D. 350) = N. 50,350

P. SUSCEPTIBILITY AREA MULTIPLIER

_____	If site is located in a Low Ground – Water Pollution Susceptibility Area = 0.5
X	All other sites = 1

Q. EXPLOSION HAZARD

Have any explosive petroleum vapors, possibly originating from this release, been detected in any subsurface structure (e.g., utility trenches, basements, vaults, crawl space, etc.)

_____	Yes = 200,000
X	No = 0

(N. 50,350) x (P. 1) + (Q. 0) = ***50,350** ENVIRONMENTAL SENSITIVITY SCORE

*Based on 2008 groundwater concentration in D-MW5R and July 2008 free product thickness

ARCADIS

APPENDIX E

Pilot Test UIC Form

	Facility	Operator
1.0 Address		
1.1 Name	Hunter Army Airfield	ARCADIS-US
1.2 Street Address	685 H.E. Wilson Blvd	801 Corporate Center Dr, Suite 300
1.3 City, State	Savannah, GA	Raleigh, NC 27607
1.4 ZIP Code	31409	27607
1.5 Telephone	912-315-5148	919 854 1282

2.0 Location: Latitude: 32.014729 Longitude: -81.140735

3.0 What is the contaminant in the Ground Water? BTEX
4.0 Georgia Licensed Water Well Contractor or Bonded Driller: GeoLab or TBD.
5.0 Professional ~~Engineer or~~ Geologist: Dave Willis
6.0 Well Data Table

	Injection Wells	Monitoring Wells
6.1 Number Wells	12 (2 used for pilot)	2
6.2 Well Depth(s)	15 or 20 ft	15 ft
6.3 Well Diameter	2 inch	2 inch
6.4 Persulfate Volume in/out	5000 gallons/well 5% persulfate solution	—
6.5 Sampling freq.	weekly/1st month, bi-weekly	same as injection well

7.0 Responsible EPD Associate for site: William E. Logan
8.0 Date injection started: est. June 2010
8.1 Date* injection stopped: Pilot injection will take estimated 1 week.
8.2 Reason Injection Stopped? Design Volume Injected
8.3 Date these injection wells were logged in to the UIC Class V Well inventory and file: N/A
9.0 UIC Class V Well Inventory Number: N/A
10.0 UST/HWMB CAP tracking number: 9-025085*2
11.0 Pending UIC Class V Permit Number: N/A

*Note: This pilot test well form is valid only for 90 days from the start of injection.

**Submit this form to:
Georgia Environmental Protection Division,
Regulatory Support Program
UIC Unit
Room 400
19 M.L. King, Jr. Dr., SW
Atlanta, Georgia, 30334

ARCADIS

APPENDIX F

ARCADIS Remediation Procedure
ARC RSE-002: In Situ Chemical Oxidation

1.0 APPLICABILITY

In situ Chemical Oxidation (ISCO) refers to the subsurface injection of the following oxidizing reagents that are liquid or solid upon delivery:

- Sodium Permanganate (concentrated liquid)
- Potassium Permanganate (crystalline solid)
- Hydrogen Peroxide (liquid)
- Sodium Persulfate (crystalline solid)

These oxidants are typically blended in liquid form for injection although solid persulfate may be blended directly with soil using specialized mixing equipment. The objective of ISCO is to chemically convert contaminants into more benign components under strongly oxidizing conditions, typically through the creation of free radicals.

1.1 Supplemental Chemicals: Hydrogen Peroxide must by catalyzed using iron (as ferrous sulfate or in a chelated form). Sodium Persulfate is typically activated using Hydrogen Peroxide, steam (heat), chelated-iron, or caustic (sodium hydroxide). Special care is required when handling these materials as well.

1.2 Typical Operations: Oxidants may be injected through wells, trenches, direct push technology (DPT), specialized soil blending equipment, or auger flights to form an *in situ* reactive zone (IRZ). This SOP is intended for O&M activities related to IRZ sites, including injection and monitoring. Delivered concentrations vary based on oxidant type and manufacturer. Injection concentrations vary based on oxidant type, concentrations of target contaminants, and soil oxidant demand (SOD).

1.3 This procedure does not apply to the injection of ozone, a gaseous oxidant.

1.4 This procedure does not apply to the *ex situ* treatment of wastewater or groundwater in oxidation reactors using UV-catalyzed peroxide or peroxide-ozone mixtures (HiPox).

1.5 This procedure is not a design or operation manual. Specific implementation requirements for the site, oxidant, and contaminants are defined in the project design document and manufacturer's instructions.

2.0 HAZARD ANALYSIS

The primary risk associated with oxidants is chemical burning of the skin, eyes, and mucous membranes. Other risks include pressurization of closed systems, excessive heat release, and fire. Oxidizers may react with combustible materials (such as fuels, paper, or solvents) or reducing agents (such as metals or sulfites).

ALL ISCO PROJECTS REQUIRE AT LEAST TWO PERSONNEL IN THE FIELD, BOTH OF WHOM HAVE CURRENT FIRST AID TRAINING, ARE MEDICALLY CLEARED UNDER THE ARCADIS MEDICAL SURVEILLANCE PROGRAM AND HAVE CURRENT RESPIRATOR FIT-TESTING.

2.1 Chemical Burns

Methods of handling oxidants should prevent bodily contact and prevent the generation of dust or mists. Risks can be minimized by designing the injection process to use the lowest possible concentrations, flow rates, and pressures in the field. The health effects from exposure to these materials are generally acute and localized to the point of exposure. General health concerns for all strong oxidants include:

Inhalation:
Oxidants are not volatile and inhalation risks are result from the formation of airborne dusts and mists of the oxidizing materials. Dry chemicals such as potassium permanganate and sodium persulfate may represent inhalation hazards due to the formation of airborne particulates prior to mixing. Handlers of the materials shall minimize dust generation during handling and mixing. Hydrogen peroxide mist can be evolved during decomposition or heating. Staff shall maintain liquid temperatures within design limits provided in the project design document.

Exposure to oxidants causes irritation to the upper and lower respiratory tract. Symptoms may include sore throat, shortness of breath, inflammation of nasal passages, coughing, and wheezing. Inhalation of these materials may cause pulmonary edema which constitutes a medical emergency. Any exposure to these materials may cause an allergic reaction in some people resulting in asthma-like symptoms and life-threatening shock. ***The onset of adverse health effects from inhaling oxidants may not be felt immediately and may take several hours to develop.***

Ingestion:
Ingesting these oxidant materials can result in severe irritation and possible burns to the mouth and throat. In addition, gastrointestinal disturbances may be expected with nausea, abdominal pain, and vomiting.

Skin Contact:
Skin contact with the oxidant materials may result in severe skin irritation or burns. Symptoms include redness, itching and pain. The exposure may cause allergic skin reactions in some people.

Eye Contact:
Eye contact with the oxidant materials can cause severe irritation or burns with eye damage.

Minimizing exposures to oxidants can be accomplished by:

- Using the appropriate personal protective equipment (Section 4.0)
- Following manufacturer's instructions as provided in Material Safety Data Sheets (MSDS)
- Use of chemically-compatible materials (determined during design)
- Handling and mixing materials in a controlled, deliberate manner (as determined during design)
- Properly disposing of or returning empty containers (e.g., empty persulfate packages).

Details of these exposure control techniques are outlined in this document and in the project specific Health and Safety Plan (HASP).

2.2 Pressurization

Decomposing oxidants can evolve large volumes of gas and/or vapor, can accelerate exponentially with heat generation, and create significant and hazardous pressures if contained and not properly controlled or mitigated. Oxidants should be blended slowly and under supervision in accordance with the project design and manufacturer's instructions. System design should include adequate ventilation and pressure relief controls.

Handlers should not transfer or mix oxidants in containers that have not been passivated. Back pressure on the injection line should be monitored continuously and injections halted if pressures exceed the design limits. All site workers should know how to quickly halt injections (i.e., operation of isolation valve or kill switch to stop flow).

2.3 Heat Release

Oxidants can decompose in storage under conditions of moisture (water/water vapor) and/or excessive heat causing release of oxides and oxygen that supports combustion. Decomposition is an exothermic reaction that could form a high temperature melt.

There is a greater concern of heat release under the following conditions:

- Shallow water table
- Buildings or enclosures near the injection points
- Higher oxidant concentrations
- Presence of non-aqueous phase liquids (NAPLs)

An oil/water interface probe should be used to measure product thickness in injection wells and nearby monitoring wells ***prior to injection*** if the potential exists for LNAPL (petroleum). ***Oxidants should not be injected in potential LNAPL areas without prior approval of the In Situ Reactive Zone discipline leader or designee.***

Peroxide has a greater potential for heat release than equivalent concentrations of permanganate or persulfate. For all injections, groundwater temperature should be monitored in the well closest to the injection point as a control measure (and to evaluate oxidation progress).

2.4 Fire

The DOT defines an oxidizer as a substance that yields oxygen readily to stimulate the combustion of organic matter. Oxidants themselves are not combustible but supply oxygen and heat to create combustible conditions. Oxidants can become an ignition source if allowed to dry on clothing or other combustible materials.

Oxidants should be prevented from contacting clothing and other combustible materials. Containment materials should be inert (e.g., do not use hay bales).

2.5 Material Safety Data Sheets

General MSDS documents for oxidants and sodium hydroxide can be found at the following links (oxidant, manufacturer, concentration). Always use the latest MSDS document from the manufacturer when assessing potential safety issues.

- Hydrogen peroxide (FMC, 40-60 percent):
  http://www.h2o2.com/intro/FMC_MSDS_40_to_60.pdf

- Potassium permanganate (Carus, solid):
  http://www.caruscorporation.com/MSDS-Request-pot-perm.htm

- Sodium permanganate (Carus, 40 percent):
  http://www.caruscorporation.com/MSDS-Request-pot-perm.htm

- Sodium persulfate (FMC, solid):
  http://msds.fmc.com/msds/100000010343-MSDS_US-E.pdf

These links are current as of 6 June 2008. For generic MSDS for these materials, reference the HazMat Zone on the Health and Safety APEX site at the following link:

http://www.hz.genium.com

(username: arcadis_library password: library1

3.0 ENGINEERING CONTROLS

Specific controls for oxidant delivery, storage, handling, injection, and disposal will be defined in the project design document. The following are general guidelines.

3.1 Storage

Oxidants should be isolated from incompatible materials prior to use to prevent decomposition. Handling procedures should maintain the oxidant materials at the same level of purity and as that of the original material from the manufacturing process. The MSDS for the material will have additional storage instructions:

- Storage of oxidants should be restricted to its original shipping container or to properly designed containers made of compatible materials which have been thoroughly cleaned of reactive impurities (i.e., passivated).
- Oxidants that been removed from the original shipping container should not be returned to it.
- All containers must be stored away from sources of direct heat and combustible materials. Combustible materials include wood, paper, oil, etc., organic materials such as alcohols, acetone, and other ketones; aldehydes, and their anhydrides; glycerol, cotton (cellulose), and general trash.
- Liquid oxidants should be vented in accordance with the manufacturer's instructions and MSDS.
- Adequate ventilation and ample water supply for thorough flushing of accidental spillage on personnel and property should be provided.

Oxidants should be protected from incipient moisture to prevent decomposition. Storage facilities should shield materials from rain and maintain separation from the ground to prevent contact with stormwater.

Oxidants must be stored in accordance with National Fire Prevention Association (NFPA) guidelines. All storage tanks should be labeled as to contents and chemical hazards. All process lines should be labeled for content and flow direction.

3.2 Safety Equipment

Specific safety equipment for the project will be defined in the project HASP and/or Job Safety Analysis (JSA). In general, the following equipment should be available on every ISCO project:

- Emergency PPE (refer to Section 4.0)
- ANSI compliant eyewash and emergency shower with drench capabilities;
- First aid kit; and
- Water fire extinguisher or water hose capable of flushing fire with water (do not use dry chemical, CO_2, or foam extinguishers on fires involving oxidizers)

Equipment should be inspected regularly. Where possible, the water source used for mixing should be valved so a separate spigot is available that could be used for flushing of bodily parts exposed to oxidants (see First Aid, Section 5.0).

3.3 Spill Prevention and Control

Spills may occur during unloading or moving of delivered oxidants, during mixing of oxidants and/or activators, and during injection.

Delivery and Storage: The storage location should be inspected prior to delivery for adequate access, stability of the ground, and absence of impediments to level loading. Oxidants should be stored in accordance with the manufacturer's instructions. Delivery should be coordinated to allow immediate use and minimize storage time. If extended storage is necessary, oxidants must be kept in a secure location. The design document will dictate the need for berming.

Mixing: Staff shall handle oxidants and activators in accordance with the project design protocols and manufacturer's instructions. All materials that come in contact with the oxidant or activator must be chemically compatible, including fittings (verify during design). Mixing of chemicals should be done gradually and under constant supervision. Staff will closely follow the project design document and mix only enough oxidant to be injected with the allowable daily work schedule. **Deviation from the approved mix design is prohibited.**

Injection: All process lines shall be pressure tested for leaks prior to addition of oxidant or activator. Operating pressures and temperatures shall be monitored regularly and maintained within design guidelines. Unless the system is designed for automated operation, all injections should be monitored continuously by at least two workers. System injection shall be suspended if there are not at least two workers in the injection area.

In case of a small spill, staff will attempt to contain and collect the material for disposal as a hazardous waste (reactivity). The Project O&M Plan will have specific spill response instructions for the oxidizer used. In general, if the spill poses risk of fire, dilute oxidant with copious quantities of water and contact the local fire department or facility emergency responder.

4.0 PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment will be stipulated in the project HASP and/or JSA, but should include at a minimum:

- ANSI compliant safety goggles;
- Face shield
- Protective coveralls with a polyester content greater than 65 (specific coverall material will be documented in the project-specific HASP;
- Rubber or neoprene gloves and boots.
- Rubber or neoprene apron.

If conditions warrant respiratory protection per the guidance of the project HASP or JSA, workers will wear NIOSH-approved full face piece air purifying respirators equipped with cartridges appropriate for the oxidizer. (see the project-specific HASP) Consult HASP or JSA for action levels or situations where respiratory protection is required in lieu of safety goggles and face shield.

5.0 FIRST AID

First aid for chemical burns begins with ending the exposure. SPEED IS ESSENTIAL. Verify the following before starting work:

- You have notified local emergency medical professionals of the materials being used and the possible emergency scenarios
- You have adequate cell phone coverage in all work areas
- You know the current 911 address for the work areas
- You have an available source of water for flushing exposed skin
- You have a working ANSI-compliant eyewash
- You have defined egress to an area accessible by ambulance
- Additional clothing or coveralls are available in the event that primary clothing becomes contaminated

A chemical burn on the skin can be deeper and larger than the burn first appears.The first aid trained staff should monitor your burn closely and seek medical help if you experience any severe symptoms or pain that cannot be alleviated.

General first aid requirements are provided below for common oxidizers used by ARCADIS. Refer to the manufacturer-specific MSDS or technical specifications for any specific first aid treatment for the actual oxidizer used.

5.1 Oxidants

Contaminated clothing should be removed immediately, and the affected area should be flushed under cold running water for 20 minutes. Use large amounts of water. Care will be taken to avoid allowing the runoff water contaminate other parts of the body. If solid material contacts bare skin, the person should gently brush away any solid material. Immediate irrigation can reduce the depth and size of the burn.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wet and then discard clothing and boots that have come in contact with oxidants.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Do NOT allow victim to rub or keep eyes closed. Get medical attention immediately.

5.2 Sodium Hydroxide (if used as activator for persulfate)

Ingestion: Provided the victim is conscious, wash out mouth with water, give 200-300 ml (6-10 ounces) of water to drink. Do not induce vomiting.

Skin Contact: Remove contaminated clothing. Drench with large quantities of water.

Eye Contact: Immediately irrigate the eye with eye wash solution or clean water for at least 15 minutes, holding the eye open. Continue until medical attention can be obtained.

6.0 DEPARTMENT OF TRANSPORTATION AND DEPARTMENT OF HOMELAND SECURITY COMPLIANCE

Transport and shipment of oxidizers is regulated by the US Department of Transportation. Workers involved with transport of this material on public roadways must be trained in the safe and proper transport of hazardous materials.

Although specific variations may exist, the general transport of solid or liquid oxidizers is subject to the following:

- Oxidizers are limited to 30 kg (66 pounds) for solids and 30 L (8 gallons) for liquids under DOT Materials of Trade exemptions. These materials must be properly labeled.
- Volumes of these materials in excess of Materials of Trade (MOT) limits and in less than 119 gallons capacity (net mass <400 kg [882 pounds] and <119 gallons capacity for solids) (non-bulk packaging) requires full DOT compliance associated with labeling, markings and shipping papers.
- Oxidizers transported in volumes >119 gallons (net mass >400 kg [882 pounds] and >119 gallons capacity for solids) (bulk packaging) requires the transport vehicle to be placarded in addition to requirements for non-bulk packaging. Bulk transport of oxidizers requires additional FMCSA requirements of commercial driver's licensing with hazmat endorsement.

DOT shipping guides for these materials can be found on the H&S APEX site.

Large bulk shipments or storage of bulk quantity storage of selected oxidizers may be subject to Department of Homeland Security requirements for highly hazardous chemicals. Contact the ARCADIS DOT Manager for additional information.

All shipments or transport of oxidizers either in pure or diluted concentrations, requires a shipping determination to be performed by a trained individual. This also includes samples collected from injection wells or monitor wells where oxidizer materials may be present.

History of Changes

Revision Date	Revision Number	Reason for change
30 May 2008	Draft	Working document for internal review