ALS Environmental

01-May-2012

Rick Wilkin
US Environmental Protection Agency
P.O. Box 1198
919 Kerr Research Drive
Ada, OK 74820

Re: **Pavillion Groundwater, Task 23993** Work Order: **1204761**

Dear Rick,

ALS Environmental received 5 samples on 26-Apr-2012 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 12.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Certificate No: MN331938

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9260 | PHONE (616) 399-6070 | FAX (616) 399-6185
ALS GROUP USA, CORP Part of the ALS Group A Campbell Brothers Limited Company

ALS Group USA, Corp

Date: 01-May-12

Client: US Environmental Protection Agency
Project: Pavillion Groundwater, Task 23993
Work Order: **1204761**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1204761-01	Field Blk 4	Water		04/24/12 10:00	04/26/12 10:00	☐
1204761-02	Equip Blk 4	Water		04/24/12 14:00	04/26/12 10:00	☐
1204761-03	EPAMW01-0412	Water		04/24/12 14:09	04/26/12 10:00	☐
1204761-04	EPAMW01d-0412	Water		04/24/12 14:09	04/26/12 10:00	☐
1204761-05	EPAMW01-0412-10	Water		04/24/12 18:21	04/26/12 10:00	☐

EPAPAV0073199

ALS Group USA, Corp

Date: 01-May-12

Client: US Environmental Protection Agency
Project: Pavillion Groundwater, Task 23993
WorkOrder: **1204761**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
mg/L	Milligrams per Liter

EPAPAV0073200

ALS Group USA, Corp

Date: *01-May-12*

CLIENT: US Environmental Protection Agency
Project: Pavillion Groundwater, Task 23993
Work Order: 1204761

Lab ID: 1204761-01A
Collection Date: 04/24/12 10:00:00 AM
Client Sample ID: Field Blk 4
Matrix: WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			**SW8015M**				Analyst: **JD**
Ethylene glycol	U	5.0	1.4		mg/L	1	04/30/12 01:37 PM
Methanol	U	5.0	0.35		mg/L	1	04/28/12 12:13 AM
Propylene glycol	U	5.0	1.2		mg/L	1	04/30/12 01:37 PM

Lab ID: 1204761-02A
Collection Date: 04/24/12 2:00:00 PM
Client Sample ID: Equip Blk 4
Matrix: WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			**SW8015M**				Analyst: **JD**
Ethylene glycol	U	5.0	1.4		mg/L	1	04/30/12 01:49 PM
Methanol	U	5.0	0.35		mg/L	1	04/28/12 12:41 AM
Propylene glycol	U	5.0	1.2		mg/L	1	04/30/12 01:49 PM

Lab ID: 1204761-03A
Collection Date: 04/24/12 2:09:00 PM
Client Sample ID: EPAMW01-0412
Matrix: WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			**SW8015M**				Analyst: **JD**
Ethylene glycol	U	5.0	1.4		mg/L	1	04/30/12 02:01 PM
Methanol	U	5.0	0.35		mg/L	1	04/28/12 01:09 AM
Propylene glycol	U	5.0	1.2		mg/L	1	04/30/12 02:01 PM

Lab ID: 1204761-04A
Collection Date: 04/24/12 2:09:00 PM
Client Sample ID: EPAMW01d-0412
Matrix: WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			**SW8015M**				Analyst: **JD**
Ethylene glycol	U	5.0	1.4		mg/L	1	04/30/12 02:13 PM
Methanol	U	5.0	0.35		mg/L	1	04/28/12 01:37 AM
Propylene glycol	U	5.0	1.2		mg/L	1	04/30/12 02:13 PM

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

ALS Group USA, Corp

Date: *01-May-12*

CLIENT: US Environmental Protection Agency
Project: Pavillion Groundwater, Task 23993

Work Order: 1204761

Lab ID: 1204761-05A
Client Sample ID: EPAMW01-0412-10

Collection Date: 04/24/12 6:21:00 PM
Matrix: WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			**SW8015M**				Analyst: **JD**
Ethylene glycol	U	5.0	1.4		mg/L	1	04/30/12 02:25 PM
Methanol	U	5.0	0.35		mg/L	1	04/28/12 02:05 AM
Propylene glycol	U	5.0	1.2		mg/L	1	04/30/12 02:25 PM

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

ALS Group USA, Corp

Date: 01-May-12

Client: US Environmental Protection Agency

Work Order: 1204761

Project: Pavillion Groundwater, Task 23993

QC BATCH REPORT

Batch ID: **R104199** Instrument ID **GC5** Method: **SW8015M**

MBLK Sample ID: **MB-R104199-R104199** Units: **mg/L** Analysis Date: **04/30/12 11:39 AM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962693** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	U	5.0								
Propylene glycol	U	5.0								

MBLK Sample ID: **MB-R104199-R104199** Units: **mg/Kg** Analysis Date: **04/30/12 03:22 PM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962707** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	U	5.0								
Propylene glycol	U	5.0								

LCS Sample ID: **LCS-R104199-R104199** Units: **mg/L** Analysis Date: **04/30/12 11:51 AM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962694** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	473.3	5.0	500	0	94.7	50-150		0		
Propylene glycol	525.8	5.0	500	0	105	50-150		0		

LCS Sample ID: **LCS-R104199-R104199** Units: **mg/Kg** Analysis Date: **04/30/12 04:09 PM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962708** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	487	5.0	500	0	97.4	50-150		0		
Propylene glycol	404.4	5.0	500	0	80.9	50-150		0		

LCSD Sample ID: **LCSD-R104199-R104199** Units: **mg/L** Analysis Date: **04/30/12 12:03 PM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962706** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	431.3	5.0	500	0	86.3	50-150	473.3	9.28	30	
Propylene glycol	469.6	5.0	500	0	93.9	50-150	525.8	11.3	30	

LCSD Sample ID: **LCSD-R104199-R104199** Units: **mg/Kg** Analysis Date: **04/30/12 04:21 PM**

Client ID: Run ID: **GC5_120430A** SeqNo: **1962712** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	445.8	5.0	500	0	89.2	50-150	487	8.84	30	
Propylene glycol	473.4	5.0	500	0	94.7	50-150	404.4	15.7	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: US Environmental Protection Agency
Work Order: 1204761
Project: Pavillion Groundwater, Task 23993

QC BATCH REPORT

Batch ID: **R104199** Instrument ID **GC5** Method: **SW8015M**

MS Sample ID: **1204761-05A MS** Units: **mg/L** Analysis Date: **04/30/12 12:14 PM**
Client ID: **EPAMW01-0412-10** Run ID: **GC5_120430A** SeqNo: **1962704** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	860.7	10	1000	0	86.1	50-150	0			
Propylene glycol	1002	10	1000	0	100	50-150	0			

MS Sample ID: **1204801-01A MS** Units: **mg/Kg** Analysis Date: **04/30/12 03:46 PM**
Client ID: Run ID: **GC5_120430A** SeqNo: **1962710** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	35770	10	1000	35360	40.1	50-150	0			SO
Propylene glycol	1104	10	1000	0	110	50-150	0			

MSD Sample ID: **1204761-05A MSD** Units: **mg/L** Analysis Date: **04/30/12 12:26 PM**
Client ID: **EPAMW01-0412-10** Run ID: **GC5_120430A** SeqNo: **1962705** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	903.4	10	1000	0	90.3	50-150	860.7	4.84	30	
Propylene glycol	1019	10	1000	0	102	50-150	1002	1.71	30	

MSD Sample ID: **1204801-01A MSD** Units: **mg/Kg** Analysis Date: **04/30/12 03:58 PM**
Client ID: Run ID: **GC5_120430A** SeqNo: **1962711** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene glycol	35860	10	1000	35360	49.6	50-150	35770	0.263	30	SO
Propylene glycol	1204	10	1000	0	120	50-150	1104	8.62	30	

The following samples were analyzed in this batch:

1204761-01A	1204761-02A	1204761-03A
1204761-04A	1204761-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: US Environmental Protection Agency
Work Order: 1204761
Project: Pavillion Groundwater, Task 23993

QC BATCH REPORT

Batch ID: **R104204** Instrument ID **GC5** Method: **SW8015M**

MBLK Sample ID: **MB-R104204-R104204** Units: **mg/L** Analysis Date: **04/27/12 08:57 PM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962763** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	U	5.0								

MBLK Sample ID: **MB-R104204-R104204** Units: **mg/Kg** Analysis Date: **04/28/12 05:49 AM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962851** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	U	5.0								

LCS Sample ID: **LCS-R104204-R104204** Units: **mg/L** Analysis Date: **04/27/12 09:25 PM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962764** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	495	5.0	500	0	99	50-150	0			

LCS Sample ID: **LCS-R104204-R104204** Units: **mg/Kg** Analysis Date: **04/28/12 06:17 AM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962852** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	495.8	5.0	500	0	99.2	50-150	0			

LCSD Sample ID: **LCSD-R104204-R104204** Units: **mg/L** Analysis Date: **04/27/12 09:53 PM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962778** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	496.4	5.0	500	0	99.3	50-150	495	0.29	30	

LCSD Sample ID: **LCSD-R104204-R104204** Units: **mg/Kg** Analysis Date: **04/28/12 06:45 AM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962865** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	500.2	5.0	500	0	100	50-150	495.8	0.896	30	

MS Sample ID: **1204761-05A MS** Units: **mg/L** Analysis Date: **04/28/12 02:33 AM**
Client ID: **EPAMW01-0412-10** Run ID: **GC5_120427B** SeqNo: **1962774** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	980.1	10	1000	0	98	50-150	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: US Environmental Protection Agency
Work Order: 1204761
Project: Pavillion Groundwater, Task 23993

QC BATCH REPORT

Batch ID: **R104204** Instrument ID **GC5** Method: **SW8015M**

MS Sample ID: **1204791-12B MS** Units: **mg/Kg** Analysis Date: **04/28/12 10:56 AM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962861** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	972	10	1000	5.055	96.7	50-150	0			

MSD Sample ID: **1204761-05A MSD** Units: **mg/L** Analysis Date: **04/28/12 03:01 AM**
Client ID: **EPAMW01-0412-10** Run ID: **GC5_120427B** SeqNo: **1962775** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	980.3	10	1000	0	98	50-150	980.1	0.0247	30	

MSD Sample ID: **1204791-12B MSD** Units: **mg/Kg** Analysis Date: **04/28/12 11:24 AM**
Client ID: Run ID: **GC5_120427B** SeqNo: **1962862** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	985.9	10	1000	5.055	98.1	50-150	972	1.42	30	

The following samples were analyzed in this batch:

1204761-01A	1204761-02A	1204761-03A
1204761-04A	1204761-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

1204761

USEPA, ORD, NRMRL

Sample Analysis Request and Chain of Custody (COC) Record

Project: Pavillion Groundwater, Task 23993
Location: Pavillion, WY
Project Manager/Phone: Rick Wilkin / 580-436-8874

Lab Name: ALS Environmental
Address: 3352 128th Avenue, Holland, MI 49424
Contact Name/Phone: Tom Beamish / 616-399-6070

Shipping Method: Fed Ex
Shipping Tracking Number: 8006 5696 5345

Shipping Date: 4/25/12
Total Number of Shipping Containers: 1

	Sample Number	Sample Matrix/Description	Date/Time Collected	Container Type	Preservation	Number of Containers	Requested Parameters: Methanol Scan						Special Instructions
1	FieldBlk 4	Groundwater	4/24/12 10:00A	40mL glass Amber VOAs	HCl	2	2G						PR-ORD-12-01164
2	EquipBlk 4	↓	4/24/12 2:00P	↓	↓	2	2						
3	EPAMW01-0412	↓	4/24/12 2:09P	↓	↓	2	2						Methanol, Ethylene glycol, propylene glycol
4	EPAMW01d-0412	↓	4/24/12 2:09P	↓	↓	2	2						
5	EPAMW01-0412-10	↓	4/24/12 6:21P	↓	↓	2	2						

Relinquished By: Printed name: Rick Wilkin Signature: [signature] Affiliation: US EPA Date: 4/25/12 Time: 9:00 AM
Received By: Printed name: Diane F. Shaw Signature: [signature] Affiliation: ALS Date: 4/26/12 Time: 1000
Comments:

Relinquished By: Printed name: Signature: Affiliation: Date: Time:
Received By: Printed name: Signature: Affiliation: Date: Time:
Comments:

Pink copy - Field Custodian, Yellow copy - Lab Custodian, White copy - Project Manager

3.2c

EPA-442 (CIN) (09/08)

CUSTODY SEAL QEC Quality Environmental 800-255-3950 • 304-255-3900
DATE 4/25/12
SIGNATURE

CUSTODY SEAL QEC Quality Environmental Containers 800-255-3950 • 304-255-3900
DATE 4/25/12
SIGNATURE

5696

Recipient's Copy

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From This portion can be removed for Recipient's records.

Date 4/25/12 FedEx Tracking Number 800656965345

Sender's Name TONY LEE / HF Phone 580 436-8748

Company US ENVIRONMENTAL PROTECTION

Address 919 KERR LAB RESEARCH DR Dept./Floor/Suite/Room

City ADA State OK ZIP 74820-9775

2 Your Internal Billing Reference

3 To

Recipient's Name Tom Beamish Phone 616 399-6070

Company ALS Environmental

Address 3352 128th Avenue Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Holland State MI ZIP 49424

☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0450500132

8006 5696 5345

Packages up to 150 lbs.
For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☒ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 Business Days

☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☒ Sender Acct. No. in Section 1 will be billed ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages 1 Total Weight ____ lbs. Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **USEPA-ADAOK** Date/Time Received: **26-Apr-12 10:00**

Work Order: **1204761** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 26-Apr-12 (Date) Reviewed by: Tom Beamish (eSignature) 26-Apr-12 (Date)

Matrices: Water
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.2 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: