



16-Feb-2011

Amy Wolf
ALS Environmental
225 Commerce Dr
Fort Collins, CO 80524

Re: **Complaint 200294386**

Work Order: **1102189**

Dear Amy,

ALS Environmental received 2 samples on 09-Feb-2011 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 7.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: IL100452

Client: ALS Environmental
Project: Complaint 200294386
Work Order: 1102189**Work Order Sample Summary**

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1102189-01	Dahl WW PM	Water		02/07/11 14:56	02/09/11 10:30	<input type="checkbox"/>
1102189-02	Dahl WW AM	Water		02/07/11 11:59	02/09/11 10:30	<input type="checkbox"/>

Client: ALS Environmental
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QUALIFIERS, ACRONYMS, UNITS

<u>Qualifier</u>	<u>Description</u>
*	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

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
SQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

ALS Group USA, Corp**Date:** 16-Feb-11**CLIENT:** ALS Environmental
Project: Complaint 200294386**Work Order:** 1102189**Lab ID:** 1102189-01A**Collection Date:** 02/07/11 2:56:00 PM**Client Sample ID:** Dahl WW PM**Matrix:** WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			SW8015M			Analyst: JD	
Methanol	ND	5.0	0.35		mg/L	1	02/11/11 05:03 PM

Lab ID: 1102189-02A**Collection Date:** 02/07/11 11:59:00 AM**Client Sample ID:** Dahl WW AM**Matrix:** WATER

Analyses	Result	Report Limit	MDL	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC COMPOUNDS BY GC-FID			SW8015M			Analyst: JD	
Methanol	ND	5.0	0.35		mg/L	1	02/11/11 05:03 PM

Qualifiers: ND - Not Detected at the Reporting Limit
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

Client: ALS Environmental
Work Order: 1102189
Project: Complaint 200294386

QC BATCH REPORT

Batch ID: **R86973** Instrument ID **GC5** Method: **SW8015M**

MBLK	Sample ID: MB-R86973-R86973				Units: mg/L		Analysis Date: 02/11/11 05:03 PM			
Client ID:	Run ID: GC5_110211A				SeqNo: 1555946		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	ND	5.0								

LCS	Sample ID: LCS-R86973-R86973				Units: mg/L		Analysis Date: 02/11/11 05:03 PM			
Client ID:	Run ID: GC5_110211A				SeqNo: 1555947		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	438.9	5.0	500	0	87.8	50-150	0			

LCSD	Sample ID: LCSD-R86973-R86973				Units: mg/L		Analysis Date: 02/11/11 05:03 PM			
Client ID:	Run ID: GC5_110211A				SeqNo: 1555955		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	438.2	5.0	500	0	87.6	50-150	438.9	0.158	30	

MS	Sample ID: 1102215-01A MS				Units: mg/L		Analysis Date: 02/11/11 05:03 PM			
Client ID:	Run ID: GC5_110211A				SeqNo: 1555952		Prep Date:		DF: 2	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	900	10	1000	24.22	87.6	50-150	0			

MSD	Sample ID: 1102215-01A MSD				Units: mg/L		Analysis Date: 02/11/11 05:03 PM			
Client ID:	Run ID: GC5_110211A				SeqNo: 1555953		Prep Date:		DF: 2	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methanol	884.4	10	1000	24.22	86	50-150	900	1.75	30	

The following samples were analyzed in this batch:

1102189-01A	1102189-02A
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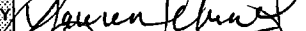


WORKORDER #	1102189
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Form 202r8

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

Comments: Standard EDD required with report. <div style="text-align: right;">4.0°C</div>	(ALS FC 1102061)		QC PACKAGE (check below)	
	<input checked="" type="checkbox"/>	LEVEL II (Standard QC)		
		LEVEL III (Std QC + forms)		
		LEVEL IV (Std QC + forms + raw data)		
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035				

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Lauren Schmitz	2/7/2011	1520
RECEIVED BY		Diane F. Shew	2/9/11	1030
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: **ALS - FORT COLLINS**

Date/Time Received: **09-Feb-11 10:30**

Work Order: **1102189**

Received by: **DS**

Checklist completed by Diane Shaw 09-Feb-11
eSignature Date

Reviewed by: Bill Carey 09-Feb-11
eSignature Date

Matrices: **Water**

Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>4.0 c</u>		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			
Login Notes:			

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: