

received 02/18/2011
Complaint 200294386



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

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

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"/>

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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
MQL	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
Client Sample ID: Dahl WW PM

Collection Date: 02/07/11 2:56:00 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
Client Sample ID: Dahl WW AM

Collection Date: 02/07/11 11:59:00 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			

LCS D	Sample ID: LCS D-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			

MS D	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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ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
 TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #	1102189
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PROJECT NAME	Complaint 200294386	SAMPLER		DATE	2/7/2011	PAGE	of												
PROJECT No.		SITE ID		TURNAROUND	2/18/2011	DISPOSAL	By Lab or Return to Client												
COMPANY NAME	ALS Environmental	EDD FORMAT																	
SEND REPORT TO	Amy Wolf	PURCHASE ORDER																	
ADDRESS	225 Commerce Drive	BILL TO COMPANY	SAME																
CITY / STATE / ZIP	Fort Collins, CO 80524	INVOICE ATTN TO																	
PHONE	970-490-1511	ADDRESS																	
FAX	970-490-1522	CITY / STATE / ZIP																	
E-MAIL	amy.wolf@alsglobal.com	PHONE																	
		FAX																	
		E-MAIL																	
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	Methanol											
1	Dahl WW PM	Water	2/7/2011 7/3/2011	14:56	1	NA		X											
2	Dahl WW AM	Water	2/7/2011 7/3/2011	11:59	1	NA		X											

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

For metals or anions, please detail analytes below.

Comments:	(ALS FC 1102061)	QC PACKAGE (check below)
		<input checked="" type="checkbox"/> LEVEL II (Standard QC)
		<input type="checkbox"/> LEVEL III (Std QC + forms)
		<input type="checkbox"/> LEVEL IV (Std QC + forms + raw data)
Standard EDD required with report.	4.02	
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
<i>Lauren Schmitz</i>	Lauren Schmitz	2/7/2011	1520
<i>Diane F. Shaw</i>	Diane F. Shaw	2/9/11	1030
RELINQUISHED BY			
RECEIVED BY			
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 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): 4.0 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: