

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0407881

Report Submission

This report replaces the report issued on 07/27/04 to include the additional compounds Ethene and Ethane.

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0407881

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Dissolved Gases by GC for sample(s) 01-02 (L0407963-01, WG176621)					
Methane	488.	489.	ug/l	0	25
Ethene	0.627	0.602	ug/l	4	25
Ethane	ND	ND	ug/l	NC	25

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0407881

Parameter	% Recovery	QC Criteria
Dissolved Gases by GC LCS for sample(s) 01-02 (WG176621)		
Methane	109	80-120
Ethene	101	80-120
Ethane	103	80-120
Dissolved Gases by GC SPIKE for sample(s) 01-02 (L0407963-03, WG176621)		
Methane	92	80-120
Ethene	87	80-120
Ethane	90	80-120

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407881

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-02 (WG176621-4)							
Dissolved Gases by GC				53 -		0723	08:18 PS
Methane	ND	ug/l	0.300				
Ethene	ND	ug/l	0.500				
Ethane	ND	ug/l	0.500				

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

53. Analysis of Dissolved Methane, Ethane & Ethylene in Groundwater by a Standard Gas Chromatographic Technique, Kampbell & Vandegrift, EPA-OK, Journal of Chrom, Vol 36, May 1998 & Technical Guidance for the Natural Attenuation Indicators, EPA-NE, July 2001.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.
METHOD Method number by which analysis was performed.
ID Initials of the analyst.
ND Not detected in comparison to the reported detection limit.

Please note that all solid samples are reported on dry weight basis unless noted otherwise.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.



CHAIN OF CUSTODY

Alpha Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERN
Address: 399 Baystate St, 6th Fl, Boston MA 02116
Project Manager: J. Picard
Project #: 13606
Project Name: Roughness
Project Location: Mayland
ALPHA Quote #:

Phone: 617 646 7800
Fax: 617 267 6447
Email:

These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name: Roughness
Project Location: Mayland
Project #: 13606
Project Manager: J. Picard
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only analyzed if pre-arranged)
Date Due: 7/27 Time:

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Date Rec'd in Lab: 7/20

ALPHA Job #: 10407881

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables
Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

Yes No Are MCP Analytical Methods Required?
 Yes No Are Drinking Water Samples Submitted?
 Yes No Have you met minimum field QC requirements?

SAMPLE HANDLING

Filtration
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Samplers Initials
	MU-2625	7/20/04	1415	GRU	EM
	MU-2618	7/20/04	1515	GRU	EM
	F D-03	7/20/04	2400	GRU	EM
	MU-201 M	7/20/04	14:30	GRU	UK
	MSMU-201W	7/20/04	14:40	GRU	UK
	MSDMU-201W	7/20/04	14:45	GRU	UK
	TB-2	7/14/04	16:40	GRU	JM

ANALYSIS
 8021
 Diss As
 Diss Fe (Mn)
 NO₃, SO₄, AM, R1
 Diss M, E, E
 SO₄, MTBE, benzene

Sample Specific Comments

* Samples for 2
Diss metal
analysis field 7
Aftered 0 45pm 2

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

Container Type	Preservative	Date/Time	Received By:	Date/Time
V	P	7/20/04 16:40	UK	7/20/04 16:40
P	P	7/20/04 17:30	UK	7/20/04 17:30
V	V			
B	B			

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

IS YOUR PROJECT MCP?

Relinquished By: [Signature] Date/Time: 7/20/04 16:40
Received By: [Signature] Date/Time: 7/20/04 16:40