

Summary Report

Dorsey Rogers
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207 S Mesa
Carlsbad, NM, 88220

Report Date: June 1, 2007

Work Order: 7053130



Project Location: 1310 N 660 E Sec 17T 205 R25E
Project Name: Menburne Pipe Box 18 Fed #2
Project Number: API #30-015-35268

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
126011	Sample #001 NE 1/4	soil	2007-05-29	15:28	2007-05-31
126012	Sample #002 NW 1/4	soil	2007-05-29	15:36	2007-05-31
126013	Sample #003 SE 1/4	soil	2007-05-29	15:43	2007-05-31
126014	Sample #004 SW 1/4	soil	2007-05-29	15:50	2007-05-31
126015	Sample #005 Background	soil	2007-05-29	15:58	2007-05-31

Sample: 126011 - Sample #001 NE 1/4

Param	Flag	Result	Units	RL
Chloride		672	mg/Kg	5.00

Sample: 126012 - Sample #002 NW 1/4

Param	Flag	Result	Units	RL
Chloride		605	mg/Kg	5.00

Sample: 126013 - Sample #003 SE 1/4

Param	Flag	Result	Units	RL
Chloride		435	mg/Kg	5.00

Sample: 126014 - Sample #004 SW 1/4

Param	Flag	Result	Units	RL
Chloride		478	mg/Kg	5.00

Sample: 126015 - Sample #005 Background

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: June 1, 2007
API #30-015-35268

Work Order: 7053130
Menburne Pipe Box 18 Fed #2

Page Number: 2 of 2
1310 N 660 E Sec 17T 205 R25E

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	5.00



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Analytical and Quality Control Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: June 1, 2007

Work Order: 7053130



Project Location: 1310 N 660 E Sec 17T 205 R25E
Project Name: Menburne Pipe Box 18 Fed #2
Project Number: API #30-015-35268

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
126011	Sample #001 NE 1/4	soil	2007-05-29	15:28	2007-05-31
126012	Sample #002 NW 1/4	soil	2007-05-29	15:36	2007-05-31
126013	Sample #003 SE 1/4	soil	2007-05-29	15:43	2007-05-31
126014	Sample #004 SW 1/4	soil	2007-05-29	15:50	2007-05-31
126015	Sample #005 Background	soil	2007-05-29	15:58	2007-05-31

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Menburne Pipe Box 18 Fed #2 were received by TraceAnalysis, Inc. on 2007-05-31 and assigned to work order 7053130. Samples for work order 7053130 were received intact at a temperature of 4 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7053130 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 126011 - Sample #001 NE 1/4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37748	Date Analyzed:	2007-06-01	Analyzed By:	JS
Prep Batch:	32708	Sample Preparation:	2007-06-01	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		672	mg/Kg	100	5.00

Sample: 126012 - Sample #002 NW 1/4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37748	Date Analyzed:	2007-06-01	Analyzed By:	JS
Prep Batch:	32708	Sample Preparation:	2007-06-01	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		605	mg/Kg	20	5.00

Sample: 126013 - Sample #003 SE 1/4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37748	Date Analyzed:	2007-06-01	Analyzed By:	JS
Prep Batch:	32708	Sample Preparation:	2007-06-01	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		435	mg/Kg	20	5.00

Sample: 126014 - Sample #004 SW 1/4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37748	Date Analyzed:	2007-06-01	Analyzed By:	JS
Prep Batch:	32708	Sample Preparation:	2007-06-01	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		478	mg/Kg	20	5.00

Sample: 126015 - Sample #005 Background

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37748	Date Analyzed:	2007-06-01	Analyzed By:	JS
Prep Batch:	32708	Sample Preparation:	2007-06-01	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<20.0	mg/Kg	4	5.00

Method Blank (1) QC Batch: 37748

QC Batch: 37748 Date Analyzed: 2007-06-01 Analyzed By: JS
Prep Batch: 32708 QC Preparation: 2007-06-01 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 37748 Date Analyzed: 2007-06-01 Analyzed By: JS
Prep Batch: 32708 QC Preparation: 2007-06-01 Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	100	mg/Kg	1	100	<3.25	100	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.4	mg/Kg	1	100	<3.25	99	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 126015

QC Batch: 37748 Date Analyzed: 2007-06-01 Analyzed By: JS
Prep Batch: 32708 QC Preparation: 2007-06-01 Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 213	mg/Kg	4	400	13.4	50	84.6 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 209	mg/Kg	4	400	13.4	49	84.6 - 117	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

¹Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

Standard (ICV-1)

QC Batch: 37748

Date Analyzed: 2007-06-01

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2007-06-01

Standard (CCV-1)

QC Batch: 37748

Date Analyzed: 2007-06-01

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-06-01

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ANALYSIS REQUEST
(Circle or Specify Method No.)

[illegible]

Relinquished by: <i>[Signature]</i>	Date: 5/30/07	Time: 10:00 AM	Received by: <i>[Signature]</i>	Date: 5-30-07	Time: 10:00 AM
Relinquished by: <i>[Signature]</i>	Date: 5-30-07	Time: 10:00 AM	Received by:	Date:	Time:
Relinquished by: <i>[Signature]</i>	Date: 5-31-07	Time: 1400	Received at Laboratory by: <i>[Signature]</i>	Date: 05/31/07	Time: 1400

<p>LAB USE ONLY</p> <p>Intact <u>Y</u> N</p> <p>Headspace <u>Y</u> / <u>N</u></p> <p>Temp <u>4</u> °C</p> <p>Log-in-Review <u>KKB</u></p>	<p>REMARKS:</p> <p><input type="checkbox"/> Dry Weight Basis Required</p> <p><input type="checkbox"/> TRRP Report Required</p> <p><input type="checkbox"/> Check If Special Reporting Limits Are Needed</p>
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