Page Number: 1 of 1 Eddy County,NM

Summary Report

Dorsey Rogers Cimarex $207~\mathrm{S}~\mathrm{Mesa}$ Carlsbad, NM, 88220

Report Date: January 22, 2007

Work Order: 7012211

Project Location: Eddy County, NM Project Name: Eddy County, NM Colton 7 Fed #1 30-0/5-33/0/

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
$\overline{114332}$	Mid E Wall	soil	2007-01-16	10:30	2007-01-22

Sample: 114332 - Mid E Wall

Param	Flag	Result	Units	RL
Chloride		1740	${ m mg/Kg}$	2.00



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Analytical and Quality Control Report

Dorsey Rogers Cimarex 207 S Mesa Carlsbad, NM, 88220

Project Name:

Project Number:

Project Location: Eddy County, NM Colton 7 Fed #1

Colton 7 Fed #1

Report Date: January 22, 2007

Work Order: 7012211

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
114332	Mid E Wall	soil	2007-01-16	10:30	2007-01-22

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 4 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.

Report Date: January 22, 2007

Colton 7 Fed #1

Work Order: 7012211 Colton 7 Fed #1

Page Number: 2 of 4 Eddy County,NM

Analytical Report

Sample: 114332 - Mid E Wall

Analysis:

Chloride (Titration)

OC Batch: 33864 Prep Batch:

Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B

2007-01-22

Prep Method: Analyzed By:

QC Batch: 33864

29408

2007-01-22

Prepared By:

RL

Parameter Chloride

OC Batch:

Prep Batch:

Flag Result 1740

Units mg/Kg Dilution 20

RL 2.00

N/A

SM

SM

Method Blank (1)

33864 29408 Date Analyzed:

OC Preparation:

2007-01-22 2007-01-22 Analyzed By:

Prepared By:

MDL

Flag Parameter Chloride

Result < 3.25

Units mg/Kg

SM

SM

RL

2

Laboratory Control Spike (LCS-1)

OC Batch: Prep Batch:

Param

Chloride

33864 29408 Date Analyzed: QC Preparation:

2007-01-22 2007-01-22

Dil.

Spike

Amount

100

Analyzed By:

SM Prepared By: SM

90 - 110

LCS Result Units

mg/Kg

Spike Amount

Rec.

91

Matrix Result <3.25 90

Rec. Rec. Limit

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

LCSD Param Result Chloride 90.6

Dil. Units mg/Kg

Matrix Result <3.25

100

Rec. Limit 90 - 110

RPD RPD Limit 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: 114358

OC Batch: Prep Batch: 33864

Date Analyzed:

2007-01-22

Analyzed By:

Prepared By: SM

29408

QC Preparation:

2007-01-22

Param Chloride

MS Result 162

Units mg/Kg

Spike Dil. Amount 2 200

Matrix Result 7.992

Rec. 77

Rec. Limit

84.6 - 117

SM

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.

Report Date: January 22, 2007 Colton 7 Fed #1 Work Order: 7012211 Colton 7 Fed #1 Page Number: 3 of 4 Eddy County,NM

		MSD			Spike	Matrix		Rec.		RPD	
		MOD			Spike	Manix		Rec.			
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit	
Chloride	2	166	mg/Kg	2	200	7.992	79	84.6 - 117	2	20	

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

Standard (ICV-1)

QC Batch: 33864

Date Analyzed: 2007-01-22

Analyzed By: SM

			ICVs True	ICVs Found	ICVs Percent	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.1	99	85 - 115	2007-01-22

Standard (CCV-1)

QC Batch: 33864

Date Analyzed: 2007-01-22

Analyzed By: SM

			CCVs True	CCVs Found	CCVs Percent	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-01-22

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

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LAB # FIELD CODE LAB USE ONLY	CONTAINERS	Volume / Amount	WATER	AIR	HCJ	HNO ₃		NONE	DATE	TIME	MTBE 8021B	ELEX 8021B / 602 / 8260B / 624 TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	ICLP Metals Ag As Ba Cd Cr Pb TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	GC/MS Vol. 8260B /	GC/MS Semi. Vol. 8270C / PCB's 8082 / 608	Pesticides 8081A	BOD, TSS, pH	Moisture Content	1000			Turn Around Time Hold
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