

Report Date: July 11, 2007
3041

Work Order: 7062927
SWEATT/ Gourley Fed #3

Page Number: 1 of 2
Eddy County, NM

Summary Report

Gary Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: July 11, 2007

Work Order: 7062927



Project Location: Eddy County, NM
Project Name: SWEATT/ Gourley Fed #3
Project Number: 3041

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
128876	North East 5'	soil	2007-06-25	00:00	2007-06-29
128877	North West 5'	soil	2007-06-25	00:00	2007-06-29
128878	Center 20'	soil	2007-06-25	00:00	2007-06-29
128879	South East 20'	soil	2007-06-25	00:00	2007-06-29
128880	South West 20'	soil	2007-06-25	00:00	2007-06-29
128881	Background 3'	soil	2007-06-25	00:00	2007-06-29

Sample: 128876 - North East 5'

Param	Flag	Result	Units	RL
Chloride		276	mg/Kg	2.00

Sample: 128877 - North West 5'

Param	Flag	Result	Units	RL
Chloride		126	mg/Kg	2.00

Sample: 128878 - Center 20'

Param	Flag	Result	Units	RL
Chloride		4720	mg/Kg	2.00

Sample: 128879 - South East 20'

Param	Flag	Result	Units	RL
Chloride		282	mg/Kg	2.00

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Sample: 128880 - South West 20'

Param	Flag	Result	Units	RL
Chloride		2300	mg/Kg	2.00

Sample: 128881 - Background 3'

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	2.00



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Analytical and Quality Control Report

Gary Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: July 11, 2007

Work Order: 7062927



Project Location: Eddy County, NM
Project Name: SWEATT/ Gourley Fed #3
Project Number: 3041

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
128876	North East 5'	soil	2007-06-25	00:00	2007-06-29
128877	North West 5'	soil	2007-06-25	00:00	2007-06-29
128878	Center 20'	soil	2007-06-25	00:00	2007-06-29
128879	South East 20'	soil	2007-06-25	00:00	2007-06-29
128880	South West 20'	soil	2007-06-25	00:00	2007-06-29
128881	Background 3'	soil	2007-06-25	00:00	2007-06-29

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.

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Analytical Report

Sample: 128876 - North East 5'

Analysis: Chloride (Titration)
QC Batch: 38849
Prep Batch: 33623

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-07-06
Sample Preparation:

Prep Method: N/A
Analyzed By: AR
Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		276	mg/Kg	25	2.00

Sample: 128877 - North West 5'

Analysis: Chloride (Titration)
QC Batch: 38849
Prep Batch: 33623

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-07-06
Sample Preparation:

Prep Method: N/A
Analyzed By: AR
Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		126	mg/Kg	25	2.00

Sample: 128878 - Center 20'

Analysis: Chloride (Titration)
QC Batch: 38849
Prep Batch: 33623

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-07-06
Sample Preparation:

Prep Method: N/A
Analyzed By: AR
Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4720	mg/Kg	25	2.00

Sample: 128879 - South East 20'

Analysis: Chloride (Titration)
QC Batch: 38918
Prep Batch: 33684

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-07-10
Sample Preparation:

Prep Method: N/A
Analyzed By: AR
Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		282	mg/Kg	25	2.00

Sample: 128880 - South West 20'

Analysis: Chloride (Titration)
QC Batch: 38918
Prep Batch: 33684

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-07-10
Sample Preparation:

Prep Method: N/A
Analyzed By: AR
Prepared By: AR

Report Date: July 11, 2007
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Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2300	mg/Kg	25	2.00

Sample: 128881 - Background 3'

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 38918 Date Analyzed: 2007-07-10 Analyzed By: AR
Prep Batch: 33684 Sample Preparation: Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<50.0	mg/Kg	25	2.00

Method Blank (1) QC Batch: 38849

QC Batch: 38849 Date Analyzed: 2007-07-06 Analyzed By: AR
Prep Batch: 33623 QC Preparation: 2007-07-06 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Method Blank (1) QC Batch: 38918

QC Batch: 38918 Date Analyzed: 2007-07-10 Analyzed By: AR
Prep Batch: 33684 QC Preparation: 2007-07-10 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch: 38849 Date Analyzed: 2007-07-06 Analyzed By: AR
Prep Batch: 33623 QC Preparation: 2007-07-06 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	96.8	mg/Kg	1	100	<0.500	97	85 - 115

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	97.8	mg/Kg	1	100	<0.500	98	85 - 115	1	20

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

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Laboratory Control Spike (LCS-1)

QC Batch: 38918
Prep Batch: 33684

Date Analyzed: 2007-07-10
QC Preparation: 2007-07-10

Analyzed By: AR
Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.1	mg/Kg	1	100	<0.500	97	85 - 115

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	98.2	mg/Kg	1	100	<0.500	98	85 - 115	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: 128878

QC Batch: 38849
Prep Batch: 33623

Date Analyzed: 2007-07-06
QC Preparation: 2007-07-06

Analyzed By: AR
Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	7230	mg/Kg	25	2500	4716.26	100	85 - 115

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	7250	mg/Kg	25	2500	4716.26	101	85 - 115	0	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: 129054

QC Batch: 38918
Prep Batch: 33684

Date Analyzed: 2007-07-10
QC Preparation: 2007-07-10

Analyzed By: AR
Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	2720	mg/Kg	25	2500	98.404	105	85 - 115

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	2740	mg/Kg	25	2500	98.404	106	85 - 115	1	20

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

Standard (ICV-1)

QC Batch: 38849

Date Analyzed: 2007-07-06

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-07-06

Standard (CCV-1)

QC Batch: 38849

Date Analyzed: 2007-07-06

Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.7	99	85 - 115	2007-07-06

Standard (ICV-1)

QC Batch: 38918

Date Analyzed: 2007-07-10

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-07-10

Standard (CCV-1)

QC Batch: 38918

Date Analyzed: 2007-07-10

Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.2	99	85 - 115	2007-07-10

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Please Fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives Gold copy.