

Summary Report

Tom Brandt
Marshall & Winston Inc.
P.O. Box 50880
Midland, Tx, 79710

Report Date: May 23, 2007

Work Order: 7052327

*30-015-34879*

Project Name: Dublin Federal 23 No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
125078	N Wall & Floor Comp	soil	2007-05-22	11:00	2007-05-23
125079	S Wall & Floor Comp	soil	2007-05-22	11:20	2007-05-23
125080	E Wall & Floor Comp	soil	2007-05-22	11:30	2007-05-23
125081	W Wall & Floor Comp	soil	2007-05-22	11:40	2007-05-23

Sample: 125078 - N Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		138	mg/Kg	5.00

Sample: 125079 - S Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		2490	mg/Kg	5.00

Sample: 125080 - E Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		4660	mg/Kg	5.00

Sample: 125081 - W Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		4540	mg/Kg	5.00



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Analytical and Quality Control Report

Tom Brandt
Marshall & Winston Inc.
P.O. Box 50880
Midland, Tx, 79710

Report Date: May 23, 2007

Work Order: 7052327



Project Name: Dublin Federal 23 No. 1
Project Number: Dublin Federal 23 No. 1

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
125078	N Wall & Floor Comp	soil	2007-05-22	11:00	2007-05-23
125079	S Wall & Floor Comp	soil	2007-05-22	11:20	2007-05-23
125080	E Wall & Floor Comp	soil	2007-05-22	11:30	2007-05-23
125081	W Wall & Floor Comp	soil	2007-05-22	11:40	2007-05-23

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 Dublin Federal 23 No. 1 were received by TraceAnalysis, Inc. on 2007-05-23 and assigned to work order 7052327. Samples for work order 7052327 were received intact at a temperature of 22 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 7052327 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: 125078 - N Wall & Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		138	mg/Kg	4	5.00

Sample: 125079 - S Wall & Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2490	mg/Kg	100	5.00

Sample: 125080 - E Wall & Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4660	mg/Kg	200	5.00

Sample: 125081 - W Wall & Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	Sample Preparation:	2007-05-23	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4540	mg/Kg	200	5.00

Method Blank (1) QC Batch: 37443

QC Batch:	37443	Date Analyzed:	2007-05-23	Analyzed By:	JS
Prep Batch:	32466	QC Preparation:	2007-05-23	Prepared By:	SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 37443
Prep Batch: 32466

Date Analyzed: 2007-05-23
QC Preparation: 2007-05-23

Analyzed By: JS
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	101	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	102	mg/Kg	1	100	<3.25	102	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: 125081

QC Batch: 37443
Prep Batch: 32466

Date Analyzed: 2007-05-23
QC Preparation: 2007-05-23

Analyzed By: JS
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 5130	mg/Kg	200	20000	4540	3	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 4940	mg/Kg	200	20000	4540	2	84.6 - 117	4	20

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

Standard (ICV-1)

QC Batch: 37443

Date Analyzed: 2007-05-23

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.1	99	85 - 115	2007-05-23

Standard (CCV-1)

QC Batch: 37443

Date Analyzed: 2007-05-23

Analyzed By: JS

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.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-05-23

TraceAnalysis, Inc.

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Ft. Worth, Texas 76132
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Company Name: Marshall: Kingston, Inc. Phone #: 432-553-9747
 Address: (Street, City, Zip) POB 50680, Midland, TX Fax #:
 Contact Person: Tom Brandt E-mail: tbrandt@mar-win.com
 Invoice to:
 (If different from above)
 Project #: Dublin Federal 23 No.1 Project Name: Chw
 Project Location (including state): Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B / 602	BTEX 8021B / 602	TPH 418.1 / TX1005	TPH 8015 GRO / DFO	PAH 8270C / 625	Total Metals Ag As Ba C	TCLP Metals Ag As	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B /	GC/MS Semi. Vol. 82	PCB's 8082 / 608	Pesticides 8081A / 6	BOD, TSS, pH	Moisture Content	Turn Around Time if	Hold																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Relinquished by: Paul J. Miller Date: 5/22/07 Time: 1310
 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Received at Laboratory by: Greeno Ripley Date: 5-23-07 Time: 11:05

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 22°C
Log-in-Review Y / N

REMARKS:

24hr.

- ☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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Carrier #

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