

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

June 30, 2009

Weston Solutions
20 North Wacker Drive
Suite 1210
Chicago, IL 60606
Telephone: (312) 424-3339
Fax: (312) 424-3330

RE: Rockford Train Derailment ER, Rockford, IL

STAT Project No 09060947

Dear Lisa Graczyk:

STAT Analysis received 2 samples for the referenced project on 6/27/2009 10:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Client: Weston Solutions
Project: Rockford Train Derailment ER, Rockford, IL
Lab Order: 09060947

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
09060947-001A	RTD-Soil-01(0-5)-062609		6/26/2009 9:20:00 AM	6/27/2009
09060947-001B	RTD-Soil-01(0-5)-062609		6/26/2009 9:20:00 AM	6/27/2009
09060947-002A	RTD-Soil-09(0-5)-062609		6/26/2009 5:10:00 PM	6/27/2009
09060947-002B	RTD-Soil-09(0-5)-062609		6/26/2009 5:10:00 PM	6/27/2009

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Date Reported: June 30, 2009

Date Printed: June 30, 2009

Client: Weston Solutions

Lab Order: 09060947

Project: Rockford Train Derailment ER, Rockford, IL

Lab ID: 09060947-001

Client Sample ID: RTD-Soil-01(0-5)-062609

Collection Date: 6/26/2009 9:20:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons	SW8015M (SW3580A)					Prep Date: 6/27/2009 Analyst: WBE
TPH (DRO)	ND	21		mg/Kg-dry	1	6/29/2009
TPH (ERO)	58	21	*	mg/Kg-dry	1	6/29/2009
BTEX by GC/MS	SW5035/8260B					Prep Date: 6/28/2009 Analyst: ERP
Benzene	ND	0.0063		mg/Kg-dry	1	6/28/2009
Toluene	ND	0.0063		mg/Kg-dry	1	6/28/2009
Ethylbenzene	ND	0.0063		mg/Kg-dry	1	6/28/2009
Xylenes, Total	ND	0.019		mg/Kg-dry	1	6/28/2009
Total Petroleum Hydrocarbons (GRO) by GCMS	SW8260B					Prep Date: 6/28/2009 Analyst: ERP
Gasoline Range Organics	ND	0.63	*	mg/Kg-dry	1	6/28/2009
Percent Moisture	D2974					Prep Date: 6/27/2009 Analyst: JMS
Percent Moisture	9.3	0.2	*	wt%	1	6/29/2009

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: June 30, 2009

Date Printed: June 30, 2009

Client: Weston Solutions

Lab Order: 09060947

Project: Rockford Train Derailment ER, Rockford, IL

Lab ID: 09060947-002

Client Sample ID: RTD-Soil-09(0-5)-062609

Collection Date: 6/26/2009 5:10:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons	SW8015M (SW3580A)					Prep Date: 6/27/2009 Analyst: WBE
TPH (DRO)	ND	22		mg/Kg-dry	1	6/29/2009
TPH (ERO)	59	22	*	mg/Kg-dry	1	6/29/2009
BTEX by GC/MS	SW5035/8260B					Prep Date: 6/28/2009 Analyst: ERP
Benzene	ND	0.0036		mg/Kg-dry	1	6/28/2009
Toluene	ND	0.0036		mg/Kg-dry	1	6/28/2009
Ethylbenzene	ND	0.0036		mg/Kg-dry	1	6/28/2009
Xylenes, Total	ND	0.011		mg/Kg-dry	1	6/28/2009
Total Petroleum Hydrocarbons (GRO) by GCMS	SW8260B					Prep Date: 6/28/2009 Analyst: ERP
Gasoline Range Organics	ND	0.36	*	mg/Kg-dry	1	6/28/2009
Percent Moisture	D2974					Prep Date: 6/27/2009 Analyst: JMS
Percent Moisture	10.3	0.2	*	wt%	1	6/29/2009

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

CHAIN OF CUSTODY RECORD

[illegible]

Sample Receipt Checklist

Client Name WESTON CHICAGO

Date and Time Received: 6/27/2009 10:30:00 AM

Work Order Number 09060947

Received by: CC

Checklist completed by:


Signature6/27/2009
Date

Reviewed by:

MAK
Initials6/29/09
Date

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature 4.3 °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by: _____
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments:

Client / Person
contacted:

Date contacted:

Contacted by:

Response:

CLIENT: Weston Solutions
Work Order: 09060947
Project: Rockford Train Derailment ER, Rockford, IL
Test No: SW5035/8260B **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK062809-4	93.9	95.0	97.8	95.0				
VLCS062809-4	99.6	99.5	106	102				
VLCSD062809-4	101	102	106	102				
09060947-001A	88.9	95.7	110	115				
09060947-002A	88.3	96.9	110	117				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	44-114
BZMED8	= Toluene-d8	62-122
DBFM	= Dibromofluoromethane	74-150
DCA12D4	= 1,2-Dichloroethane-d4	78-160

* Surrogate recovery outside acceptance limit

CLIENT: Weston Solutions
Work Order: 09060947
Project: Rockford Train Derailment ER, Rockford, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R55202

Sample ID: VBLK062809-4	SampType: MBLK	TestCode: VOC-GRO_S	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW8260B		Analysis Date: 6/28/2009	SeqNo: 1428975						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics	ND	0.50									*
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Sample ID: VLCS062909-4	SampType: LCS	TestCode: VOC-GRO_S	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW8260B		Analysis Date: 6/28/2009	SeqNo: 1428973						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics	1.088	0.50	1	0	109	50	150	0	0		*
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Sample ID: VLCS062909-4	SampType: LCSD	TestCode: VOC-GRO_S	Units: mg/Kg	Prep Date:				Run ID: VOA-4_090628A			
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW8260B	Analysis Date: 6/28/2009				SeqNo: 1428974				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics	1.016	0.50	1	0	102	50	150	1.088	6.82	25	*
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Sample ID: VBLK062809-4	SampType: MBLK	TestCode: VOC_ENC	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW5035/8260		Analysis Date: 6/28/2009	SeqNo: 1428960						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	ND	0.0050									
Ethylbenzene	ND	0.0050									
Toluene	ND	0.0050									
Xylenes, Total	ND	0.015									

Sample ID: VLCS062809-4	SampType: LCS	TestCode: VOC_ENC	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW5035/8260		Analysis Date: 6/28/2009	SeqNo: 1428936						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	0.0511	0.0050	0.05	0	102	70	130	0	0		
Ethylbenzene	0.05269	0.0050	0.05	0	105	70	130	0	0		
Toluene	0.05071	0.0050	0.05	0	101	70	130	0	0		

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

CLIENT: Weston Solutions
Work Order: 09060947
Project: Rockford Train Derailment ER, Rockford, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R55202

Sample ID: VLCS062809-4	SampType: LCS	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW5035/8260		Analysis Date: 6/28/2009	SeqNo: 1428936						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Xylenes, Total	0.1566	0.015	0.15	0	104	70	130	0	0		
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Sample ID: VLCS062809-4	SampType: LCSD	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-4_090628A						
Client ID: ZZZZ	Batch ID: R55202	TestNo: SW5035/8260		Analysis Date: 6/28/2009	SeqNo: 1428937						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	0.05386	0.0050	0.05	0	108	70	130	0.0511	5.26	20	
Ethylbenzene	0.05462	0.0050	0.05	0	109	70	130	0.05269	3.60	20	
Toluene	0.0523	0.0050	0.05	0	105	70	130	0.05071	3.09	20	
Xylenes, Total	0.1607	0.015	0.15	0	107	70	130	0.1566	2.56	20	

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

Prep Start Date: **6/27/2009 10:54:59**

Prep End Date:

Prep Factor Units:

 Prep Batch **42921**

 Prep Code: **3580_TPH**

 Technician: **YAF**

mL / Kg

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-42921-TPH			0.005	0	0	5	1000.000	6/27/2009	6/27/2009
LCS-42921-TPH			0.005	0	0	5	1000.000	6/27/2009	6/27/2009
LCSD-42921-TPH			0.005	0	0	5	1000.000	6/27/2009	6/27/2009
09060946-015B	Soil		0.0052	0	0	5	961.538	6/27/2009	6/27/2009
09060946-016B	Soil		0.00517	0	0	5	967.118	6/27/2009	6/27/2009
09060946-017B	Soil		0.00512	0	0	5	976.562	6/27/2009	6/27/2009
09060946-018B	Soil		0.00554	0	0	5	902.527	6/27/2009	6/27/2009
09060947-001B	Soil		0.00516	0	0	5	968.992	6/27/2009	6/27/2009
09060947-002B	Soil		0.00514	0	0	5	972.763	6/27/2009	6/27/2009

CLIENT: Weston Solutions
Work Order: 09060947
Project: Rockford Train Derailment ER, Rockford, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 42921

Sample ID: MB-42921-TPH	SampType: MBLK	TestCode: TPH_S	Units: mg/Kg	Prep Date: 6/27/2009	Run ID: GC-FID-2_090629A						
Client ID: ZZZZ	Batch ID: 42921	TestNo: SW8015M		Analysis Date: 6/29/2009	SeqNo: 1429911						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (DRO)	ND	20									
TPH (ERO)	ND	20									*

Sample ID: LCS-42921-TPH	SampType: LCS	TestCode: TPH_S	Units: mg/Kg	Prep Date: 6/27/2009	Run ID: GC-FID-2_090629A						
Client ID: ZZZZ	Batch ID: 42921	TestNo: SW8015M		Analysis Date: 6/29/2009	SeqNo: 1429912						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (DRO)	190.1	20	200	0	95.1	30	150	0	0		
TPH (ERO)	199.2	20	200	0	99.6	30	150	0	0		*

Sample ID: LCSD-42921-TPH	SampType: LCSD	TestCode: TPH_S	Units: mg/Kg	Prep Date: 6/27/2009	Run ID: GC-FID-2_090629A						
Client ID: ZZZZ	Batch ID: 42921	TestNo: SW8015M		Analysis Date: 6/29/2009	SeqNo: 1429913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (DRO)	195.2	20	200	0	97.6	30	150	190.1	2.65	25	
TPH (ERO)	197.1	20	200	0	98.6	30	150	199.2	1.05	25	*

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

CLIENT: Weston Solutions
Work Order: 09060947
Project: Rockford Train Derailment ER, Rockford, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R55190

Sample ID: PMMBK 6/27/09	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 6/27/2009	Run ID: BALANCE_090627A						
Client ID: ZZZZ	Batch ID: R55190	TestNo: D2974		Analysis Date: 6/29/2009	SeqNo: 1428622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Percent Moisture	ND	0.200									*
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Sample ID: PMLCS-S 6/27/09	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 6/27/2009	Run ID: BALANCE_090627A						
Client ID: ZZZZ	Batch ID: R55190	TestNo: D2974		Analysis Date: 6/29/2009	SeqNo: 1428623						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Percent Moisture	4.7	0.200	5	0	94	80	120	0	0		*
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Sample ID: PMLCS-W 6/27/09	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 6/27/2009	Run ID: BALANCE_090627A						
Client ID: ZZZZ	Batch ID: R55190	TestNo: D2974		Analysis Date: 6/29/2009	SeqNo: 1428624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Percent Moisture	99.75	0.200	99.8	0	99.9	80	120	0	0		*
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Sample ID: 09060860-001A DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 6/27/2009	Run ID: BALANCE_090627A						
Client ID: ZZZZ	Batch ID: R55190	TestNo: D2974		Analysis Date: 6/29/2009	SeqNo: 1428728						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Percent Moisture	13.02	0.200	0	0	0	0	0	13.53	3.84	20	*
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Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
E - Value above quantitation range