



PARAGON ANALYTICS

225 Commerce Drive • Fort Collins, CO 80524 (800) 443-1511 • (970) 490-1511 • FAX (970) 490-1522

March 30, 2007

Mr. Jeff Wurtz
S.M. Stoller Corporation
7710 West Cheyenne
Las Vegas NV 89129

Re: Paragon Workorder: 07-03-142
Client Project Name: LC Well 2
Client Project Number: 4165-040

Dear Mr. Wurtz:

One water, twelve sludge and twelve leachate samples were received from S.M. Stoller Corporation on March 16, 2007. The samples were scheduled for the following analyses:

PCBs	pages 1-19	Gamma Spectroscopy	pages 1-38
Metals	pages 1-58	GC/MS Semivolatiles	pages 1-52
Inorganics	pages 1-20	Total Volatile Petroleum Hydrocarbons	pages 1-19
Oil & Grease	pages 1-9	Total Extractable Hydrocarbons (Diesel)	pages 1-20
GS/MS Volatiles	pages 1-89		

The results for these analyses are contained in the enclosed reports.

Thank you for your confidence in Paragon Analytics. Should you have any questions, please call.

Sincerely,

Debbie Fazio

Paragon Analytics
Debbie Fazio
Project Manager

DJF/mh
Enclosure: Report

LC 11
(2 of 6)

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation.

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

Control: **Nº 2152**

0703142

UGTA Project 03/15/07

Analysis Request Chain of Custody Record

Page: 1 of 1

Site/Well Name: Project 03/15/07 Report/Bill to: STUDIOS CORP
 Project No.: 4165-010 Carrier/Waybill No.: 8608 1704 6117/ROX
 Sample Team: CHICKEN, FLORENCE, ELLI Lab Destination: PARADISE
 Project Manager: JANICE Lab Contact: D 17020
 Project Contact: JANICE Phone No.: 772 687-0650
 Phone No.: 772 278-9580 Turn Around Time: ☒ Normal ☐ Rush Required Report Date: 30-DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
1) SS1-031207-13	3/12/07 1900	WATER	VOA VIAL	2x 40ml	ICE / HCL	VOCs	
	LAST LINE						

Hazards: ☒ Unknown ☐ Other: NA Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archived: QC Level: per 500

Special Instructions/ Comments: NA

Relinquished By: Ralph Rupp To Felix Date: 03/15/07 Received By: Shu Joffe Date: 3-16-07
 Signature: Ralph Rupp Time: 1730 Signature: paragon Time: 0925

Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Signature: _____ Time: _____ Signature: _____ Time: _____

Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Signature: _____ Time: _____ Signature: _____ Time: _____

Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Signature: _____ Time: _____ Signature: _____ Time: _____

Original: To accompany samples Copy: To project files

QA Review: FX Date: 3-15-07

Control No.: 000268
Page: 1 of 1

UGTA Project 143/13/11

0703142

Report to:

Carrier/Waybill No.: F2D 07/86 OS 17406 177

Lab Destination:

Lab Contact:

Phone No.:

970-689-0630

Required Report Date:

Report Date: 2/2/2011

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
SS1-031207-09	3/12/07 1723	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
	3/14/07 1726	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's, DRO/GRO, Oil and Grease	
		Mud/Sludge	Amber Glass	8-oz	Ice	TCLP, VOC's, ZHE	
		Mud/Sludge	Amber Glass	8-oz	Ice	TCLP, SVOC's, Metals	
		Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, O, Total Cyanide, TC Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	Ra 226, Ra 228	
031416/01		Mud/Sludge		16-oz	Ice	ESP, SAR, PH, EC	
		LAST LINE					

Possible Hazards: Cracks Sample Disposal: B₁ C₁ L₂ QC Level: QA, Sub
Special Instructions/Comments: NA

1) Relinquished By: <u>CARL RUPP TO FedEx</u> Signature/Affiliation: <u>Carl Rupp</u>	Date: <u>03/13/07</u>	Date: <u>3.16.07</u>
	Time: <u>1730</u>	Time: <u>0925</u>
2) Relinquished By: _____ Signature/Affiliation: _____	Date: _____	Date: _____
	Time: _____	Time: _____
3) Relinquished By: _____ Signature/Affiliation: _____	Date: _____	Date: _____
	Time: _____	Time: _____
4) Relinquished By: _____ Signature/Affiliation: _____	Date: _____	Date: _____
	Time: _____	Time: _____

Original: To accompany samples
Copy: To project files

DATE 3-13-02

Sample Team: 03/15/07
 Site Name: RA-01
 Project No.: 0306700
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 03/13/07
 Carrier/Waybill No.: FDX 8465 1406117
 Lab Destination: Paragon
 Lab Contact: D. Fazio
 Phone No.: 970-689-0630
 Report to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
 Required Report Date: 3 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
6) SS1-031207-08	3/12/07	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
	3/12/07	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's, DRO/GRO, Oil and Grease	
	3/12/07	Mud/Sludge	Amber Glass	8-oz	Ice	TCLP-VOC's, ZHE	
		Mud/Sludge	Amber Glass	8-oz	Ice	TCLP-SVOC's, Metals	
		Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	Ra 226 Ra 228	
	3/12/07	Mud/Sludge		16-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: Lab Hazard
 Special Instructions/Comments: NA
 Sample Disposal: by Lab
 QC Level: Per JOW

1) Relinquished By: Ralph Rapaport Date: 03/13/07 Date: 3-16-07
 Signature/Affiliation: Ralph Rapaport / S.M. Stoller Signature/Affiliation: Paragon Time: 1730 Time: 0925
 2) Relinquished By: _____ Date: _____ Date: _____
 Signature/Affiliation: _____ Signature/Affiliation: _____ Time: _____ Time: _____
 3) Relinquished By: _____ Date: _____ Date: _____
 Signature/Affiliation: _____ Signature/Affiliation: _____ Time: _____ Time: _____
 4) Relinquished By: _____ Date: _____ Date: _____
 Signature/Affiliation: _____ Signature/Affiliation: _____ Time: _____ Time: _____

UGTA Project 03/13/07

Control No.: 000271

Analysis Request Chain of Custody Record

0703142

Page: 1 of 1

Sample Team: COLUMBIA UNIVERSITY

Site Name: BOWEN L. C. BULL

Project No.: 000000

Project Manager: [Signature]

Project Contact: [Signature]

Phone No.: 703-273-1555

Sample Shipment Date: 03/13/07

Carrier/Waybill No.: 86081740617

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

Report to: S.M. SIOLLER

100 W. Cheyenne, Bldg 3

Las Vegas NV 89129

703-273-1555

Required Report Date: 03/13/07

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
SSL-031207-07	3/12/07 1555	Groundwater	amber glass	8-oz	Ice	• VOC's	(14)
	3/12/07 1600	Groundwater	amber glass	8-oz	Ice	• SVOC's, PRO/GRD, Oil and Grease	
		Groundwater	amber glass	8-oz	Ice	• TCLP/GRD's ZHE	
		Groundwater	amber glass	8-oz	Ice	• TCLP-SVOC's, Metals	
		Groundwater	amber glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC, arsenic, PCB's, % Moisture	
		Groundwater	amber glass	8-oz	None	• Ra 226, Ra 228	
0313140		Groundwater	amber glass	8-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: UNKOWN Sample Disposal: by Lab QC Level: 100% SDC

Special Instructions/Comments: NA

03/15/07

1) Relinquished By: RAUPH ZUPP to FedEx Date: 03/13/07 Time: 1730
Signature: [Signature] Affiliation: paragon

2) Relinquished By: [Signature] Date: [] Time: []
Signature: [Signature] Affiliation: []

3) Relinquished By: [Signature] Date: [] Time: []
Signature: [Signature] Affiliation: []

4) Relinquished By: [Signature] Date: [] Time: []
Signature: [Signature] Affiliation: []

Date: 3-16-07 Time: 0925

Original: To accompany samples Copy: To project files

RA [Signature] DATE 3-13-07

Report to: J. Vautz - SM-STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
702 278-9552
 Required Report Date: 20-07-19

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
SS1-031207-005	3/12/07 1435	Mud/Sludge	Amber Glass	8-oz	Ice	• VOC's	
	3/12/07 1436	Mud/Sludge	Amber Glass	8-oz	Ice	• SVOC's- DRO/GRO, Oil and Grease	
		Mud/Sludge	Amber Glass	8-oz	Ice	• TCLP-VOC's, ZHE	
		Mud/Sludge	Amber Glass	8-oz	Ice	• TCLP-SVOC's, Metals	
		Mud/Sludge	Amber Glass	8-oz	Ice	• Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	• Ra 226, Ra 228	
	3/12/07	Mud/Sludge		16-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: unlabeled Sample Disposal: Per Se QC Level: Per Se
Special Instructions/Comments: NA

1) Relinquished By: <u>Robert Rupp to Alex</u> Signature/Affiliation	Date: <u>03/13/07</u>	Received By: <u>John Jaff</u> Signature/Affiliation	Date: <u>3.16.07</u>
	Time: <u>1730</u>		Time: <u>0925</u>
2) Relinquished By: <u>Alfred Rupp / STANER</u> Signature/Affiliation	Date: _____	Received By: _____ Signature/Affiliation	Date: _____
	Time: _____		Time: _____
3) Relinquished By: _____ Signature/Affiliation	Date: _____	Received By: _____ Signature/Affiliation	Date: _____
	Time: _____		Time: _____
4) Relinquished By: _____ Signature/Affiliation	Date: _____	Received By: _____ Signature/Affiliation	Date: _____
	Time: _____		Time: _____

Analysis Request Chain of Custody Record

Sample Team: CONTRACTOR, KENNEDY, K...
 Site Name: ASPHALT, CC, VARIOUS
 Project No.: 54165-010 6006-790 (6418/57)
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Control No.: 0703142 Page: 1 of 1
 Report to: J. Wurtz, SM-Stoller
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
702 278 9580
 Required Report Date: 30 JAN

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
SS-C31217-C2	3/12/07 1338	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
	3/12/07 1343	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's: DRO/GRO, Oil and Grease	
		Mud/Sludge	Amber Glass	8-oz	Ice	TCLP: VOC's, ZHE	
		Mud/Sludge	Amber Glass	8-oz	Ice	TCLP: SVOC's, Metals	
		Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	Ra 226, Ra 228	
		Mud/Sludge		18-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: UNKNOWN Sample Disposal: By Lab QC Level: REL 100%
 Special Instructions/Comments: NA

1) Relinquished By: Ralph Rupp To FedEx Date: 03/13/07 Received By: Shen Joseph Date: 3.16.07
 Signature/Affiliation: Ralph Rupp / S. N. Stoller Time: 1730 Signature/Affiliation: paragon Time: 0925
 2) Relinquished By: Date: Received By: Date:
 Signature/Affiliation: Time: Signature/Affiliation: Time:
 3) Relinquished By: Date: Received By: Date:
 Signature/Affiliation: Time: Signature/Affiliation: Time:
 4) Relinquished By: Date: Received By: Date:
 Signature/Affiliation: Time: Signature/Affiliation: Time:

CONDITION OF SAMPLE UPON RECEIPT FORM

Paragon Analytics

Client: SM StollerWorkorder No: 0703142Project Manager: DFInitials: SL Date: 3-16-07

1. Does this project require any special handling in addition to standard Paragon procedures?	YES	☒ NO
2. Are custody seals on shipping containers intact?	NONE	☒ YES ☐ NO
3. Are Custody seals on sample containers intact?	NONE	☒ YES ☐ NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		☒ YES ☐ NO
5. Are the COC and bottle labels complete and legible?		☒ YES ☐ NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		☒ YES ☐ NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	☒ YES ☐ NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	☒ N/A	☒ YES ☐ NO
9. Are all aqueous non-preserved samples pH 4-9?	☒ N/A	☒ YES ☐ NO
10. Is there sufficient sample for the requested analyses?		☒ YES ☐ NO
11. Were all samples placed in the proper containers for the requested analyses?		☒ YES ☐ NO
12. Are all samples within holding times for the requested analyses?		☒ YES ☐ NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		☐ YES ☒ NO
14. Are all samples requiring no headspace (VOC, GRO, Rx CN/S, radon), headspace free? Size of bubble: _____ < green pea _____ > green pea	N/A	☒ YES ☐ NO
15. Were samples checked for and free from the presence of residual chlorine? (Applicable when PM has indicated samples are from a chlorinated water source; note if field preservation with sodium thiosulfate was not observed.)	☒ N/A	☒ YES ☐ NO
16. Were the samples shipped on ice?		☒ YES ☐ NO
17. Were cooler temperatures measured at 0.1-6.0°C?	IR gun used*: ☒ #2 ☐ #4	☒ YES ☐ NO
Cooler #: <u>69A</u> <u>36</u> <u>56</u>		
Temperature (°C): <u>3.4</u> <u>3.2</u> <u>56</u>		
No. of custody seals on cooler: <u>2</u> <u>1</u> <u>2</u>		
External µR/hr reading: <u>15</u> <u>16</u> <u>15</u>		
Background µR/hr reading: <u>15</u>		
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? ☒ YES ☐ NO / NA (If no, see Form 008.)		

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

* Samples received with lids and Jars broken as follows:

Sample 4 (SS1-031207-04) Jar #6 received with broken lid (All jars assigned for Rad analysis)

↓ 5 (↓ -05) ↓ #6 ↓ ↓ ↓ ↓

↓ 12 (↓ -12) ↓ #5 and 6 ↓ ↓ ↓ ↓

Note → multiple cracked lid were taped over with custody seals still intact.

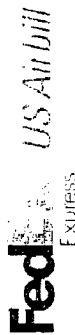
Sample 11 (↓ ↓ -11) Jar #5 and #6 were received broken.

Sample contained within its own bubble bag and transferred to a new jar. all liquid within original jar lost. (Samples to Rad)

If applicable, was the client contacted? ☒ YES ☐ NO / NA Contact: Jeff WutzDate/Time: 3-16-07Project Manager Signature / Date: Debbie Fazio 3-16-07

*IR Gun #2: Oakton, SN 29922500201-0066

*IR Gun #4: Oakton, SN 2372220101-0002



US Airbill

Tracking
Reference

8598 2395 6769

From **Express your next day**
Date **3-15-07** Sender's FedEx
Account Number **0802-1030-5**

Sender's Name **S.M. STOLLER (OWNER)** Home **(702) 278-9580**

Company **S.M. STOLLER**

Address **7710 W. CHEYENNE**

City **LAS VEGAS** State **NV** ZIP **89127**

Your Internal Billing Reference **4165-040**

To Recipient's Name **DEBBIE FAZIO** Phone **(970) 684-4430**

Company **PARAGON ANALYTICS**

Recipient's Address **225 COMMERCE DR**

City **FORI COLLINS** State **CO** ZIP **80524**

Address
To recipient address on FedEx airbill, use the recipient's address only.
Use correct ZIP code for P.O. boxes or P.O. codes.

 **Store your addresses at fedex.com**
Simplify your shipping. Manage your account. Access all the tools you need.

4a Express Package Service

☒ **FedEx Priority Overnight**
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.
☐ **FedEx Standard Overnight**
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.
☐ **FedEx 2Day**
Shipments will be delivered on Tuesday
unless SATURDAY Delivery is selected.
☐ **FedEx 3Day Freight**
Shipments will be delivered on Thursday
unless SATURDAY Delivery is selected.

4b Express Freight Service

☐ **FedEx 1Day Freight**
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.
☐ **FedEx 2Day Freight**
Shipments will be delivered on Tuesday
unless SATURDAY Delivery is selected.
☐ **FedEx 3Day Freight**
Shipments will be delivered on Thursday
unless SATURDAY Delivery is selected.

5 Packaging

☐ **FedEx Envelope**
☐ **FedEx Pak**
☐ **FedEx Box**
☒ **Other**

6 Special Handling

☐ **SATURDAY Delivery**
Shipments will be delivered on Saturday
unless SATURDAY Delivery is selected.
☐ **HOLD Weekday at FedEx Location**
Shipments will be held at the nearest FedEx location
on business days.
☐ **HOLD Saturday at FedEx Location**
Shipments will be held at the nearest FedEx location
on Saturdays.
☐ **Signature Required**
Shipments will require a signature upon delivery.
☐ **Signature Restricted**
Shipments will require a signature upon delivery.
☐ **Signature Adult**
Shipments will require a signature upon delivery.
☐ **Signature Restricted Adult**
Shipments will require a signature upon delivery.

7 Payment Bill to:

☒ **Sender**
☐ **Recipient**
☐ **Third Party**
☐ **Credit Card**
☐ **Check**
☐ **Other**

Total Packages **3** Total Weight **3.00** Total Declared Value **\$520**

8 Residential Delivery Signature Options

☐ **No Signature Required**
☐ **Signature Required**
☐ **Signature Restricted**
☐ **Signature Restricted Adult**

3.4
#09A

0703142

3.2
#36 -

FedEx US Airbill
Express

FedEx Tracking Number
8598 2395 6769

1 From _____
Date _____

Sender's Name _____ Phone _____

Company _____

Address _____

Day/Evening/Week/Evening

City _____ State _____ ZIP _____

2 Your Internal Billing Reference

3 To Recipient's Name _____
Company _____
Address _____
City _____ State _____ ZIP _____

Phone _____

Recipient's Address _____
We cannot deliver to P.O. Boxes or P.O. ZIP codes.

Address _____
To require a package be held at a specific FedEx location, please specify here.

City _____ State _____ ZIP _____

L

8598 2395 6769

0703142

Form 10 No. 0200

4a Express Package Service
☐ FedEx Priority Overnight
Shipment will be delivered on Monday unless SATURDAY Delivery is selected.
☐ FedEx 2Day
Second business day* Thursday unless SATURDAY Delivery is selected.
☐ FedEx Express Saver
Third business day* Saturday Delivery NOT available.
☐ FedEx Standard Overnight
Saturday/Thursday NOT available.
Saturday Delivery NOT available.

4b Express Freight Service
☐ FedEx 1Day Freight*
Next business day* Friday unless SATURDAY Delivery is selected.
☐ FedEx 2Day Freight
Second business day* Thursday unless SATURDAY Delivery is selected.
☐ FedEx 3Day Freight
Third business day* Saturday Delivery NOT available.
Saturday Delivery NOT available.

* To most locations

5 Packaging
☐ FedEx Envelope*
☐ FedEx Pak*
Includes FedEx Small Pak, FedEx Large Pak, and FedEx Shrink Film.
☐ FedEx Tube
☐ FedEx Box
☐ Other _____
Details on value limit \$500.

6 Special Handling
☐ SATURDAY Delivery
Not available for FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver, or FedEx Priority Overnight.
☐ HOLD Weekday at FedEx Location
Not available for FedEx First Overnight, FedEx First Overnight, FedEx 2Day, or FedEx Priority Overnight.
☐ HOLD Weekday at FedEx Location
Available only for FedEx Priority Overnight and FedEx 2Day to select locations.
☐ Dry Ice
Dry Ice 500 lbs.
☐ Cargo Aircraft Only
Obtain Form 9000-100.

7 Payment Bill to
☒ Sender
Account No. _____
☐ Recipient
☐ Third Party
☐ Credit Card
☐ Cash/Check
Obtain Form 9000-100.

8 NEW Residential Delivery Signature Options
Your liability is limited to \$100 unless you declare a higher value. See back for details.
☐ No Signature Required
Anyone who signs for delivery on behalf of the recipient may sign for delivery.
☐ Direct Signature
Any signature is acceptable at the address.
☐ Indirect Signature
Any signature is acceptable at the address.
☐ Restricted Signature
Only the signature of the recipient is acceptable.
☐ Signature Required
Only the signature of the recipient is acceptable.

Total Packages _____
Total Weight _____
Total Declared Value* \$ _____
Total Charges _____
Credit Card Auth. _____

520

emp: 584419 15MAR07

FedEx

PRIORITY OVERNIGHT

FRI

Master **8608 1940 6717** FORM 0200

Deliver By:
16MAR07

0002/0006 MPS#:8459 2449 6246 FORM 0260

DEN

AA

80524 -CO-US

XH FTCA



ALIGN

DO NOT LIFT USING THIS TAG

Paragon Analytics

Total Extractable Hydrocarbons (Diesel) Case Narrative

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/16/2007.
2. The sludge samples were extracted by adding a methanol/water solution to the soil followed by hexane according to Paragon Analytics Standard Operating Procedure 603 Revision 9, which was developed at Paragon Analytics. This mixture is shaken and the hexane portion of the two-phase solution is removed for analysis.
3. The extracts were then analyzed using GC with a DB-5.625 capillary column and a flame ionization detector (FID) according to Paragon Analytics Standard Operating Procedure 406 Revision 12 generally based on SW-846 Method 8000B and Method 8015B. The procedures are based on this general method because SW-846 does not have a specific method for total extractable petroleum hydrocarbons (TEPH) or diesel range organics. The only true modification from this method is that TEPH is a multicomponent mixture and is quantitated by summing the entire range, rather than individual peaks. All positive results were quantitated using the responses from the initial calibration curve using the external standard technique. Also, a confirmation column is not used, because the analyte is a multicomponent mixture and the specific carbon range of the peaks detected is specified on the individual sample reporting forms.
4. All initial and continuing calibration criteria were met.
5. The method blanks associated with this project were below the MDL for diesel range organics.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.

7. Sample 0703142-2 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

All matrix spike and matrix spike duplicate recoveries and RPDs were within the acceptance criteria.
8. All samples were extracted and analyzed within the established holding time.
9. All surrogate recoveries were within the acceptance criteria.
10. Sample 9 was analyzed at a dilution in order to bring the target analyte within the calibration range of the instrument. The reporting limits have been adjusted accordingly.
11. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Dan Sheneman
Jay Fielding for J.F.
Fuels Analyst

03-28-07
Date

jma
Reporter's Initials

3/28/07
Date

Paragon Analytics
Data Qualifier Flags
Fuels

- G:** This flag indicates that a pattern resembling gasoline was detected in this sample.
- D:** This flag indicates that a pattern resembling diesel was detected in this sample.
- M:** This flag indicates that a pattern resembling motor oil was detected in this sample.
- C:** This flag indicates that a pattern resembling crude oil was detected in this sample.
- 4:** This flag indicates that a pattern resembling JP-4 was detected in this sample.
- 5:** This flag indicates that a pattern resembling JP-5 was detected in this sample.
- H:** This flag indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.
- L:** This flag indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.
- Z:** This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
gasoline
JP-8
diesel
mineral spirits
motor oil
Stoddard solvent
bunker C

Multiple flags may be used to indicate the presence of more than one product or component.

Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows: (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is equal to or outside the control criteria used.
- +**: This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

Diesel Range Organics

Method SW8015MB

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070319-3MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 19-Mar-07

Date Analyzed: 19-Mar-07

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28637

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	5	5	1.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	12.2		12.5	97	47 - 142

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
Lab ID: 0703142-2

Sample Matrix: SLUDGE
% Moisture: 20.5
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 19-Mar-07
Prep Method: METHOD

Prep Batch: EX070319-3
QCBatchID: EX070319-3-1
Run ID: HCD070319-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.55 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28638

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	340	6.1	2	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	16.5		15.3	108	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics
LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-11
Lab ID:	0703142-3

Sample Matrix: SLUDGE

% Moisture: 29.9

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.51 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28641

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	90	7	2.3	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	17.6		17.4	101	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C6-C32.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10
Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.5 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28642

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	17	7.5	2.5	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	18.4		18.8	98	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C32.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-09
Lab ID:	0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.05g

Final Volume: 5ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28643

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	780	8.5	2.8	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	21.9		21.3	103	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08
Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.02 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28644

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1500	7.9	2.6	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	20.8		19.7	105	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7

Sample Matrix: SLUDGE
% Moisture: 34.4
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: EX070319-3
QCBatchID: EX070319-3-1
Run ID: HCD070319-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 21.84 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28647

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1300	7	2.3	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	18.9		17.4	109	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics
LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-06
Lab ID:	0703142-8

Sample Matrix: SLUDGE

% Moisture: 29.6

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.62 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28648

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1400	6.9	2.3	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	18.5		17.2	107	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-05
Lab ID:	0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.18g

Final Volume: 5ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28658

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	5	1800	36	12	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	15.7		18.2	86	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 21.11 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28656

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1100	7.2	2.4	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	18.3		18	102	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03
Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.49g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28657

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1100	7.5	2.5	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	18.8		18.7	101	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02
Lab ID: 0703142-12

Sample Matrix: SLUDGE
% Moisture: 31.1
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: EX070319-3
QCBatchID: EX070319-3-1
Run ID: HCD070319-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.59g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28653

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1100	7.1	2.4	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	19		17.6	108	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.28g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28654

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	610	6.8	2.3	L,D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	17		16.9	100	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C38.

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070319-3LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/19/2007

Date Analyzed: 03/19/2007

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28635

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	50	51.4	5		103	43 - 139%

Lab ID: EX070319-3LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/19/2007

Date Analyzed: 03/19/2007

Prep Method: METHOD

Prep Batch: EX070319-3

QCBatchID: EX070319-3-1

Run ID: HCD070319-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28636

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
68334-30-5	Diesel Range Organics	50	51.7	5		103	20	1

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
84-15-1	O-TERPHENYL	12.5	93		94		47 - 142

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Diesel Range Organics

Method SW8015MB

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
 LabID: 0703142-2MS

Sample Matrix: SLUDGE
 % Moisture: 20.5
 Date Collected: 12-Mar-07
 Date Extracted: 19-Mar-07
 Date Analyzed: 19-Mar-07
 Prep Method: METHOD

Prep Batch: EX070319-3
 QCBatchID: EX070319-3-1
 Run ID: HCD070319-3A
 Cleanup: NONE
 Basis: Dry Weight

Sample Aliquot: 20.18 g
 Final Volume: 5 ml
 Result Units: mg/kg
 File Name: F3F28639

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	340	D,H	404		6.24	62.4	104	43 - 139%

Field ID: SS1-031207-12
 LabID: 0703142-2MSD

Sample Matrix: SLUDGE
 % Moisture: 20.5
 Date Collected: 12-Mar-07
 Date Extracted: 19-Mar-07
 Date Analyzed: 20-Mar-07
 Prep Method: METHOD

Prep Batch: EX070319-3
 QCBatchID: EX070319-3-1
 Run ID: HCD070319-3A
 Cleanup: NONE
 Basis: Dry Weight

Sample Aliquot: 20.09 g
 Final Volume: 5 ml
 Result Units: mg/kg
 File Name: F3F28640

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
68334-30-5	Diesel Range Organics	407		62.6	109	6.26	20	1.

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
84-15-1	O-TERPHENYL	15.6	102		104		47 - 142

Data Package ID: HCD0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics
 LIMS Version: 5.498A

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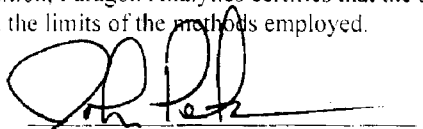
LC Well 2 / 4165-040

1. The following report consists of analysis results for 12 soil samples received by Paragon on 3/16/2007.
2. The results for these samples are reported on a 'dry weight' basis in units of pCi/gram.
3. These samples were prepared according to Paragon Analytics procedure PA SOP739R8. The samples were sealed in steel cans on 3/19/2007 and stored for at least 8 days to allow ^{222}Rn to approach equilibrium with its progeny. The degree of ingrowth achieved prior to analysis on 3/27/2007 is at least 76.55%. Conservatively assuming a radon emanation efficiency of approximately 50%, the effective radon progeny ingrowth for these samples would be greater than 88.27%.
4. The samples were analyzed for the presence of gamma emitting radionuclides according to Paragon Analytics procedure PA SOP713R9. The analyses were completed on 3/27/2007.
5. PA has observed a reproducible low-bias in ^{226}Ra results (about -30% for the geometry in question) when using a mixed gamma source for the calibration of HPGe detectors for solid samples. This bias is eliminated by calibration using a NIST traceable ^{226}Ra source in the same geometry and configuration as the samples.
6. The library used for calibration and analysis employs multiple peaks for the ^{226}Ra progeny, ^{214}Pb (352 and 295 keV) and ^{214}Bi (609 and 1120 keV). Using these peaks avoids the use of the problematic ^{226}Ra photopeak at 186 keV, which suffers from poorly resolvable interference from ^{235}U at the same energy. Final activity results for ^{226}Ra are calculated, using the uncertainty-weighted mean of the activities for the four photopeaks, by the Seeker gamma spectroscopy software assuming secular equilibrium.
7. Activity concentrations above the calculated MDC are reported in some instances where minimum nuclide identification criteria are not met. Such tentative identifications result when the software attempts to calculate net activity concentrations for analytes where either one or both of the following criteria are not satisfied: the 'diagnostic' peak for a nuclide must be identified above the critical level, or the minimum library peak abundance must be attained. Nuclides not meeting these requirements have been flagged with a "TI" qualifier.
8. There are cases where the sample density is less than the associated calibration standard density. Cases that exceed the limit of +/- 15% of the density of the calibration standard are flagged with a 'G', denoting a significant density difference between the sample and calibration standard. Consequently, the results may be biased high for the flagged results in this workorder. If requested, Paragon Analytics can perform a transmission spike in order to estimate a magnitude of this bias. The results are reported without further qualification.

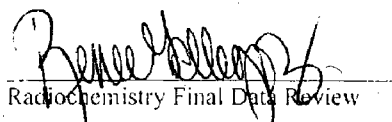


9. No problems were encountered with either the client samples or the associated quality control samples. All quality control criteria were met.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.


Radiochemistry Instrument Technician

3/29/07
Date


Radiochemistry Final Data Review

3/29/07
Date

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Lab ID: GS070319-2MB

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 19-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070468d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.11 +/- 0.15	0.24	U

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC greater than sample specific MDC
SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
M - Requested MDC not met
B - Analyte concentration greater than MDC
BS - Analyte concentration greater than MDC but less than Requested MDC

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Method Blank Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Lab ID: GS070319-2MB	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 215 g
Library: Ra228(MP) LIB	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Result Units: pCi/g
	Date Collected: 19-Mar-07	Run ID: GS070319-2A	File Name: 070468d06
	Date Prepared: 19-Mar-07	Count Time: 60 minutes	
	Date Analyzed: 27-Mar-07		

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	-0.05 +/- 0.25	0.48	U

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC
SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
M - Requested MDC not met
B - Analyte concentration greater than MDC
B3 - Analyte concentration greater than MDC but less than Requested MDC

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well Z 4165-040

Lab ID: GS070319-2ALCS	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 215 g
Library: Ra226.LIB	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Result Units: pCi/g
	Date Collected: 19-Mar-07	Run ID: GS070319-2A	File Name: 070373d03
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	
	Date Analyzed: 27-Mar-07		

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
13982-63-3	Ra-226	452 +/- 53	3	471	96.0	85 - 115	P,M3

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
LT - Result is less than Requested MDC, greater than sample specific MDC.
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
L - LCS Recovery below lower control limit
H - LCS Recovery above upper control limit
P - LCS Recovery within control limits
M - The requested MDC was not met
M3 - The requested MDC was not met, but thereported activity is greater than the reported MDC

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Lab ID: GS070319-2LCS

Library: ANALYTICAL LIB

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 19-Mar-07
Date Prepared: 19-Mar-07
Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2
QCBatchID: GS070319-2-1
Run ID: GS070319-2A
Count Time: 30 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070497d09

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14596-10-2	Am-241	461 +/- 55	8	462	99.8	85 - 115	P
10198-40-0	Co-60	251 +/- 29	1	244	103	85 - 115	P
10045-97-3	Cs-137	183 +/- 22	1	176	104	85 - 115	P

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

LT - Result is less than Requested MDC greater than sample specific MDC

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit

P - LCS Recovery within control limits

M - The requested MDC was not met

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 147 g
Lab ID: 0703142-2DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra226.LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070489d02A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	0.51 +/- 0.33	0.89 +/- 0.38	0.75	2.13	LT,G,TI

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC
Y1 - Chemical Yield is in control at 100-110% Quantitative yield is assumed
Y2 - Chemical Yield outside default limits.
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13
LT - Result is less than Request MDC, greater than sample specific MDC
M - Requested MDC not met
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
L - LCS Recovery below lower control limit
H - LCS Recovery above upper control limit
P - LCS Matrix Spike Recovery within control limits
N - Matrix Spike Recovery outside control limits

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
Lab ID: 0703142-3DUP

Library: Ra226 LIB

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 12-Mar-07
Date Prepared: 19-Mar-07
Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2
QCBatchID: GS070319-2-1
Run ID: GS070319-2A
Count Time: 30 minutes
Report Basis: Dry Weight

Final Aliquot: 126 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070465d06A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	0.88 +/- 0.31	1.01 +/- 0.32	0.28	2.13	G

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
Y2 - Chemical Yield outside default limits.
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13
LT - Result is less than Request MDC, greater than sample specific MDC
M - Requested MDC not met
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
L - LCS Recovery below lower control limit
H - LCS Recovery above upper control limit
P - LCS Matrix Spike Recovery within control limits
N - Matrix Spike Recovery outside control limits

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 147 g
Lab ID: 0703142-2DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070489d02

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	0.85 +/- 0.60	0.21 +/- 0.37	0.92	2.13	U.G

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC
Y1 - Chemical Yield is in control at 100-110% Quantitative yield is assumed
Y2 - Chemical Yield outside default limits.
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13
LT - Result is less than Request MDC, greater than sample specific MDC
M - Requested MDC not met
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
L - LCS Recovery below lower control limit
H - LCS Recovery above upper control limit
P - LCS Matrix Spike Recovery within control limits
N - Matrix Spike Recovery outside control limits

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

SQ - Spectra quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 126 g
Lab ID: 0703142-3DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070465d06

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	0.55 +/- 0.60	0.34 +/- 0.58	0.25	2.13	U,G

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
Y2 - Chemical Yield outside default limits
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13
LT - Result is less than Request MDC, greater than sample specific MDC

M - Requested MDC not met

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

L - LCS Recovery below lower control limit

H - LCS Recovery above upper control limit

P - LCS Matrix Spike Recovery within control limits

N - Matrix Spike Recovery outside control limits

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

DER - Duplicate Error Ratio (see PAI SOP 715)

EDL - Below Detection Limit

NR - Not Reported

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

T1 - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 145 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070369d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.51 +/- 0.33	0.46	LT,G,TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 3 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 145 g
Lab ID: 0703142-2	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070369d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.85 +/- 0.60	0.80	LT,G,TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
Client/Project ID: LC Well 2 4165-040

Field ID: SS1-031207-12
Lab ID: 0703142-2DUP

Library: Ra226 LIB

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 12-Mar-07
Date Prepared: 19-Mar-07
Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2
QCBatchID: GS070319-2-1
Run ID: GS070319-2A
Count Time: 30 minutes
Report Basis: Dry Weight

Final Aliquot: 147 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070489d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.89 +/- 0.38	0.47	LT,G,TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC.
M - The requested MDC was not met.
M2 - The requested MDC was not met, but the reported activity is greater than the reported MDC
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2DUP

Library: Ra228(MP) LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 147 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070489d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.21 +/- 0.37	0.63	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M - The requested MDC was not met

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 124 g
Lab ID: 0703142-3	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra226 LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070353d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.88 +/- 0.31	0.55	LT,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% - Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 124 g
Lab ID: 0703142-3	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070353d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.55 +/- 0.60	0.94	U.G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11

Lab ID: 0703142-3DUP

Library: Ra226 LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 126 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070465d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.01 +/- 0.32	0.53	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but thereported activity is greater than the reported MDC

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 126 g
Lab ID: 0703142-3DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070465d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.34 +/- 0.58	0.99	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M - The requested MDC was not met

MC - The requested MDC was not met, but thereported activity is greater than the reported MDC.

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density.

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 131 g
Lab ID: 0703142-4	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra226.LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070494d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.59 +/- 0.40	0.58	LT,G,TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC
MS - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives.
G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

Lab ID: 0703142-4

Library: Ra228(MP) LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 131 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070494d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.52 +/- 0.61	0.98	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

T1 - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09

Lab ID: 0703142-5

Library: Ra226 LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 112 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070491d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.23 +/- 0.29	0.45	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 112 g
Lab ID: 0703142-5	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP) LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070491d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.54 +/- 0.42	0.62	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 8 half-lives.
G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Library: Ra226 LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 114 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070371d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.23 +/- 0.29	0.51	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Library: Ra228(MP) LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 114 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070371d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.71 +/- 0.38	0.75	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07

Lab ID: 0703142-7

Library: Ra226.LIB

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 12-Mar-07
Date Prepared: 19-Mar-07
Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2
QCBatchID: GS070319-2-1
Run ID: GS070319-2A
Count Time: 30 minutes
Report Basis: Dry Weight

Final Aliquot: 122 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070354d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.41 +/- 0.38	0.61	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07 Lab ID: 0703142-7	Sample Matrix: SLUDGE Prep SOP: PAI 739 Rev 8 Date Collected: 12-Mar-07 Date Prepared: 19-Mar-07 Date Analyzed: 27-Mar-07	Prep Batch: GS070319-2 QCBatchID: GS070319-2-1 Run ID: GS070319-2A Count Time: 30 minutes Report Basis: Dry Weight	Final Aliquot: 122 g Prep Basis: Dry Weight Moisture(%): NA Result Units: pCi/g File Name: 070354d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.28 +/- 0.51	0.89	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative.
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives.
G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-8

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 149 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070467d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.09 +/- 0.24	0.36	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

T1 - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-8

Library: Ra228(MP).LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 149 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070467d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.46 +/- 0.36	0.53	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05

Lab ID: 0703142-9

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 156 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070496d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.60 +/- 0.29	0.39	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 156 g
Lab ID: 0703142-9	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
Library: Ra228(MP) LIB	Date Prepared: 19-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070496d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.62 +/- 0.37	0.75	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 8 half-lives.
G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 151 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070355d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.16 +/- 0.29	0.41	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04	Sample Matrix: SLUDGE	Prep Batch: GS070319-2	Final Aliquot: 151 g
Lab ID: 0703142-10	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070319-2-1	Prep Basis: Dry Weight
Library: Ra228(MP).LIB	Date Collected: 12-Mar-07	Run ID: GS070319-2A	Moisture(%): NA
	Date Prepared: 19-Mar-07	Count Time: 30 minutes	Result Units: pCi/g
	Date Analyzed: 27-Mar-07	Report Basis: Dry Weight	File Name: 070355d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.69 +/- 0.61	0.92	U,G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC
M - The requested MDC was not met

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)
MDC - Minimum Detectable Concentration (see PAI SOP 709)
BDL - Below Detection Limit

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative
R - Nuclide has exceeded 8 half-lives
G - Sample density differs by more than 15% of LCS density

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Library: Ra226 LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 149 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070493d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.35 +/- 0.26	0.34	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Library: Ra228(MP).LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 149 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070493d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.70 +/- 0.34	0.59	LT,G,TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 148 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070372d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.27 +/- 0.38	0.75	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M2 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BUL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Library: Ra228(MP) LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 148 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070372d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.51 +/- 0.60	0.96	U.G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110% Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Library: Ra226.LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 152 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070356d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.84 +/- 0.38	0.47	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BOL - Below Detection Limit

Data Package ID: GSS0703142-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Library: Ra228(MP) LIB

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 12-Mar-07

Date Prepared: 19-Mar-07

Date Analyzed: 27-Mar-07

Prep Batch: GS070319-2

QCBatchID: GS070319-2-1

Run ID: GS070319-2A

Count Time: 30 minutes

Report Basis: Dry Weight

Final Aliquot: 152 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070356d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.02 +/- 0.45	0.54	G, TI

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

G - Sample density differs by more than 15% of LCS density

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0703142-1

Paragon Analytics

GC/MS Semivolatiles Case Narrative

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples and 12 TCLP leachates. These samples were received cool and intact on 03/16/07.
2. These samples were prepared and analyzed according to SW-846, 3rd Edition protocol utilizing Paragon Analytics Standard Operating Procedures. Specifically, the sludge samples were extracted using soxhlet procedures according to SW-846 Method 3540C utilizing Paragon Analytics Standard Operating Procedure 625 Revision 10.

The sludge samples were tumbled according to SW-846 Method 1311 utilizing Paragon Analytics Standard Operating Procedure 609 Revision 11. This TCLP leachate was then extracted using continuous liquid-liquid extractors according to Method 3520C following Paragon Analytics Standard Operating Procedure 617 Revision 12.

3. The extracts were analyzed using GC/MS with a DB-5.625 capillary column according to Paragon Analytics Standard Operating Procedure 506 Revision 14 based on SW-846 Method 8270D. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.
4. All initial calibration criteria for SPCC's and CCC's were met. If average response factors were used in the initial calibration, %RSD was $\leq 15\%$. If linear or higher order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥ 0.99 .
5. All initial calibration standards are verified by comparing a second source standard initial calibration verification (ICV) against the calibration curve. All compounds in the second source verification had a %D of less than 25%.

6. All SPCC and CCC criteria were met in each of the daily (continuing) calibration verifications.
7. All method blank criteria were met.
8. All laboratory control spike and laboratory control spike duplicate criteria were met with the following exception:

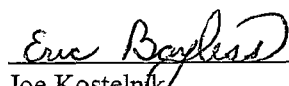
Spiked Compound	QC Sample	Direction
Pyridine	EX070323-1LCS/LCSD RPD	High

The above compound was not detected in the samples. The quantitations of target compounds were not compromised. No further action was taken.

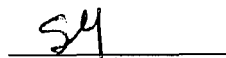
9. All leachate matrix spike recoveries were within acceptance criteria.

All sludge matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria.
10. The samples were extracted and analyzed within the established holding times.
11. All surrogate recoveries were within acceptance criteria.
12. All internal standard recoveries were within acceptance criteria.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

for Joe Kostelnik

 Joe Kostelnik
 Organic Chemist

3/28/07
 Date


 Reviewer's Initials

3/28/07
 Date

***Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry***

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows: (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is equal to or outside the control criteria used.
- +**: This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070322-3MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Batch: EX070323-1

QCBatchID: EX070323-1-1

Run ID: SV070326-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1665

LEACH DATE: 3/22/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.628		0.75	84	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.411		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.604		0.75	80	21 - 100
4165-60-0	NITROBENZENE-D5	0.402		0.5	80	34 - 111
4165-62-2	PHENOL-D5	0.615		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.407		0.5	81	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070322-4MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Batch: EX070323-1

QCBatchID: EX070323-1-2

Run ID: SV070326-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1666

LEACH DATE: 3/22/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.602		0.75	80	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.395		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.565		0.75	75	21 - 100
4165-60-0	NITROBENZENE-D5	0.383		0.5	77	34 - 111
4165-62-2	PHENOL-D5	0.596		0.75	79	15 - 104
1718-51-0	TERPHENYL-D14	0.408		0.5	82	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics

LIMS Version: 5.497A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
 Lab ID: 0703142-14

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-1
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1670

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.634		0.75	85	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.39		0.5	78	21 - 106
367-12-4	2-FLUOROPHENOL	0.572		0.75	76	21 - 100
4165-60-0	NITROBENZENE-D5	0.385		0.5	77	34 - 111
4165-62-2	PHENOL-D5	0.605		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.387		0.5	77	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
 Lab ID: 0703142-15

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1672

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.688		0.75	92	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.407		0.5	81	21 - 106
367-12-4	2-FLUOROPHENOL	0.595		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.4		0.5	80	34 - 111
4165-62-2	PHENOL-D5	0.624		0.75	83	15 - 104
1718-51-0	TERPHENYL-D14	0.41		0.5	82	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10
 Lab ID: 0703142-16

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1673

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.686		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.418		0.5	84	21 - 106
367-12-4	2-FLUOROPHENOL	0.601		0.75	80	21 - 100
4165-60-0	NITROBENZENE-D5	0.403		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.633		0.75	84	15 - 104
1718-51-0	TERPHENYL-D14	0.401		0.5	80	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09
 Lab ID: 0703142-17

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1674

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.647		0.75	86	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.395		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.585		0.75	78	21 - 100
4165-60-0	NITROBENZENE-D5	0.39		0.5	78	34 - 111
4165-62-2	PHENOL-D5	0.618		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.397		0.5	79	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-18

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070323-1

QCBatchID: EX070323-1-2

Run ID: SV070326-1

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1676

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.659		0.75	88	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.412		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.599		0.75	80	21 - 100
4165-60-0	NITROBENZENE-D5	0.408		0.5	82	34 - 111
4165-62-2	PHENOL-D5	0.633		0.75	84	15 - 104
1718-51-0	TERPHENYL-D14	0.383		0.5	77	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-19

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070323-1

QCBatchID: EX070323-1-2

Run ID: SV070326-1

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1677

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.621		0.75	83	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.382		0.5	76	21 - 106
367-12-4	2-FLUOROPHENOL	0.538		0.75	72	21 - 100
4165-60-0	NITROBENZENE-D5	0.369		0.5	74	34 - 111
4165-62-2	PHENOL-D5	0.57		0.75	76	15 - 104
1718-51-0	TERPHENYL-D14	0.382		0.5	76	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics

LIMS Version: 5.497A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06
 Lab ID: 0703142-20

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1678

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.681		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.392		0.5	78	21 - 106
367-12-4	2-FLUOROPHENOL	0.556		0.75	74	21 - 100
4165-60-0	NITROBENZENE-D5	0.381		0.5	76	34 - 111
4165-62-2	PHENOL-D5	0.597		0.75	80	15 - 104
1718-51-0	TERPHENYL-D14	0.414		0.5	83	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics
 LIMS Version: 5.497A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05
 Lab ID: 0703142-21

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1679

LEACH DATE: 3/22/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLORO BENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLORO BENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.62		0.75	83	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.398		0.5	80	21 - 106
367-12-4	2-FLUOROPHENOL	0.581		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.394		0.5	79	34 - 111
4165-62-2	PHENOL-D5	0.612		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.379		0.5	76	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04
 Lab ID: 0703142-22

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1680

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.607		0.75	81	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.382		0.5	76	21 - 106
367-12-4	2-FLUOROPHENOL	0.553		0.75	74	21 - 100
4165-60-0	NITROBENZENE-D5	0.368		0.5	74	34 - 111
4165-62-2	PHENOL-D5	0.572		0.75	76	15 - 104
1718-51-0	TERPHENYL-D14	0.383		0.5	77	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03
 Lab ID: 0703142-23

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1681

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.607		0.75	81	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.404		0.5	81	21 - 106
367-12-4	2-FLUOROPHENOL	0.593		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.391		0.5	78	34 - 111
4165-62-2	PHENOL-D5	0.607		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.418		0.5	84	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics
 LIMS Version: 5.497A

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Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02
 Lab ID: 0703142-24

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-2
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1682

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLORO BENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLORO BUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLORO BENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.665		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.425		0.5	85	21 - 106
367-12-4	2-FLUOROPHENOL	0.628		0.75	84	21 - 100
4165-60-0	NITROBENZENE-D5	0.414		0.5	83	34 - 111
4165-62-2	PHENOL-D5	0.656		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.391		0.5	78	33 - 111

Data Package ID: SV0703142-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
 Lab ID: 0703142-25

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 23-Mar-07
 Date Analyzed: 26-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070323-1
 QCBatchID: EX070323-1-1
 Run ID: SV070326-1
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: N1683

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
110-86-1	PYRIDINE	1	0.1	0.1	0.014	U	
106-46-7	1,4-DICHLOROBENZENE	1	0.1	0.1	0.015	U	
95-48-7	2-METHYLPHENOL	1	0.1	0.1	0.021	U	
108-39-4	3+4-METHYLPHENOL	1	0.1	0.1	0.028	U	
67-72-1	HEXACHLOROETHANE	1	0.1	0.1	0.013	U	
98-95-3	NITROBENZENE	1	0.1	0.1	0.011	U	
87-68-3	HEXACHLOROBUTADIENE	1	0.1	0.1	0.013	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	0.1	0.1	0.028	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	0.1	0.1	0.031	U	
121-14-2	2,4-DINITROTOLUENE	1	0.1	0.1	0.013	U	
118-74-1	HEXACHLOROBENZENE	1	0.1	0.1	0.012	U	
87-86-5	PENTACHLOROPHENOL	1	0.2	0.2	0.02	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.685		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.415		0.5	83	21 - 106
367-12-4	2-FLUOROPHENOL	0.575		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.403		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.616		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.408		0.5	82	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

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Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070321-1MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5577

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	330	330	100	U	
95-57-8	2-CHLOROPHENOL	1	330	330	100	U	
95-48-7	2-METHYLPHENOL	1	330	330	100	U	
108-39-4	3+4-METHYLPHENOL	1	330	330	86	U	
88-75-5	2-NITROPHENOL	1	330	330	93	U	
105-67-9	2,4-DIMETHYLPHENOL	1	330	330	100	U	
120-83-2	2,4-DICHLOROPHENOL	1	330	330	100	U	
91-20-3	NAPHTHALENE	1	330	330	58	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	330	330	91	U	
91-57-6	2-METHYLNAPHTHALENE	1	330	330	57	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	330	330	100	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	330	330	100	U	
91-58-7	2-CHLORONAPHTHALENE	1	330	330	54	U	
51-28-5	2,4-DINITROPHENOL	1	670	670	450	U	
100-02-7	4-NITROPHENOL	1	670	670	66	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	670	670	66	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	330	330	100	U	
87-86-5	PENTACHLOROPHENOL	1	670	670	81	U	
50-32-8	BENZO(A)PYRENE	1	330	330	12	U	
90-12-0	1-METHYLNAPHTHALENE	1	330	330	52	U	

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070321-1MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5577

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1670		2500	67	19 - 113
321-60-8	2-FLUOROBIPHENYL	1130		1670	68	30 - 105
367-12-4	2-FLUOROPHENOL	1590		2500	63	25 - 100
4165-60-0	NITROBENZENE-D5	1070		1670	64	31 - 106
4165-62-2	PHENOL-D5	1630		2500	65	24 - 104
1718-51-0	TERPHENYL-D14	1300		1670	78	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.19 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5580

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	420	420	130	U	
95-57-8	2-CHLOROPHENOL	1	420	420	130	U	
95-48-7	2-METHYLPHENOL	1	420	420	130	U	
108-39-4	3+4-METHYLPHENOL	1	420	420	110	U	
88-75-5	2-NITROPHENOL	1	420	420	120	U	
105-67-9	2,4-DIMETHYLPHENOL	1	420	420	130	U	
120-83-2	2,4-DICHLOROPHENOL	1	420	420	130	U	
91-20-3	NAPHTHALENE	1	130	420	73	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	420	420	110	U	
91-57-6	2-METHYLNAPHTHALENE	1	620	420	71		
88-06-2	2,4,6-TRICHLOROPHENOL	1	420	420	130	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	420	420	130	U	
91-58-7	2-CHLORONAPHTHALENE	1	420	420	68	U	
51-28-5	2,4-DINITROPHENOL	1	830	830	560	U	
100-02-7	4-NITROPHENOL	1	830	830	83	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	830	830	83	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	420	420	130	U	
87-86-5	PENTACHLOROPHENOL	1	830	830	100	U	
50-32-8	BENZO(A)PYRENE	1	420	420	16	U	
90-12-0	1-METHYLNAPHTHALENE	1	300	420	65	J	

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.19 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5580

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2290		3130	73	19 - 113
321-60-8	2-FLUOROBIPHENYL	1400		2080	67	30 - 105
367-12-4	2-FLUOROPHENOL	2090		3130	67	25 - 100
4165-60-0	NITROBENZENE-D5	1480		2080	71	31 - 106
4165-62-2	PHENOL-D5	2170		3130	69	24 - 104
1718-51-0	TERPHENYL-D14	1510		2080	72	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11	Sample Matrix: SLUDGE	Prep Batch: EX070321-1	Sample Aliquot: 30.29 g
Lab ID: 0703142-3	% Moisture: 29.9	QCBatchID: EX070321-1-1	Final Volume: 1 ml
	Date Collected: 12-Mar-07	Run ID: SV070322-2	Result Units: UG/KG
	Date Extracted: 21-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 22-Mar-07	Basis: Dry Weight	File Name: P5590
	Prep Method: SW3540 Rev C		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	470	470	140	U	
95-57-8	2-CHLOROPHENOL	1	470	470	150	U	
95-48-7	2-METHYLPHENOL	1	470	470	140	U	
108-39-4	3+4-METHYLPHENOL	1	470	470	120	U	
88-75-5	2-NITROPHENOL	1	470	470	130	U	
105-67-9	2,4-DIMETHYLPHENOL	1	470	470	140	U	
120-83-2	2,4-DICHLOROPHENOL	1	470	470	150	U	
91-20-3	NAPHTHALENE	1	380	470	82	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	470	470	130	U	
91-57-6	2-METHYLNAPHTHALENE	1	1700	470	80		
88-06-2	2,4,6-TRICHLOROPHENOL	1	470	470	150	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	470	470	150	U	
91-58-7	2-CHLORONAPHTHALENE	1	470	470	76	U	
51-28-5	2,4-DINITROPHENOL	1	940	940	630	U	
100-02-7	4-NITROPHENOL	1	940	940	93	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	940	940	94	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	470	470	150	U	
87-86-5	PENTACHLOROPHENOL	1	940	940	110	U	
50-32-8	BENZO(A)PYRENE	1	470	470	18	U	
90-12-0	1-METHYLNAPHTHALENE	1	880	470	73		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
Lab ID: 0703142-3

Sample Matrix: SLUDGE

% Moisture: 29.9

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.29 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5590

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2860		3530	81	19 - 113
321-60-8	2-FLUOROBIPHENYL	1540		2350	66	30 - 105
367-12-4	2-FLUOROPHENOL	2250		3530	64	25 - 100
4165-60-0	NITROBENZENE-D5	1760		2350	75	31 - 106
4165-62-2	PHENOL-D5	2400		3530	68	24 - 104
1718-51-0	TERPHENYL-D14	1690		2350	72	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.17 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5592

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	510	510	160	U	
95-57-8	2-CHLOROPHENOL	1	510	510	160	U	
95-48-7	2-METHYLPHENOL	1	510	510	150	U	
108-39-4	3+4-METHYLPHENOL	1	510	510	130	U	
88-75-5	2-NITROPHENOL	1	510	510	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	510	510	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	510	510	160	U	
91-20-3	NAPHTHALENE	1	160	510	89	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	510	510	140	U	
91-57-6	2-METHYLNAPHTHALENE	1	620	510	87		
88-06-2	2,4,6-TRICHLOROPHENOL	1	510	510	160	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	510	510	160	U	
91-58-7	2-CHLORONAPHTHALENE	1	510	510	83	U	
51-28-5	2,4-DINITROPHENOL	1	1000	1000	680	U	
100-02-7	4-NITROPHENOL	1	1000	1000	100	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1000	1000	100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	510	510	160	U	
87-86-5	PENTACHLOROPHENOL	1	1000	1000	120	U	
50-32-8	BENZO(A)PYRENE	1	510	510	19	U	
90-12-0	1-METHYLNAPHTHALENE	1	380	510	79	J	

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.17 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5592

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3150		3830	82	19 - 113
321-60-8	2-FLUOROBIPHENYL	1550		2550	61	30 - 105
367-12-4	2-FLUOROPHENOL	2270		3830	59	25 - 100
4165-60-0	NITROBENZENE-D5	1720		2550	67	31 - 106
4165-62-2	PHENOL-D5	2400		3830	63	24 - 104
1718-51-0	TERPHENYL-D14	1750		2550	69	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09

Lab ID: 0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.14 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5581

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	570	570	170	U	
95-57-8	2-CHLOROPHENOL	1	570	570	180	U	
95-48-7	2-METHYLPHENOL	1	570	570	170	U	
108-39-4	3+4-METHYLPHENOL	1	570	570	150	U	
88-75-5	2-NITROPHENOL	1	570	570	160	U	
105-67-9	2,4-DIMETHYLPHENOL	1	570	570	170	U	
120-83-2	2,4-DICHLOROPHENOL	1	570	570	180	U	
91-20-3	NAPHTHALENE	1	250	570	99	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	570	570	160	U	
91-57-6	2-METHYLNAPHTHALENE	1	1100	570	97		
88-06-2	2,4,6-TRICHLOROPHENOL	1	570	570	180	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	570	570	180	U	
91-58-7	2-CHLORONAPHTHALENE	1	570	570	92	U	
51-28-5	2,4-DINITROPHENOL	1	1100	1100	760	U	
100-02-7	4-NITROPHENOL	1	1100	1100	110	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1100	1100	110	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	570	570	180	U	
87-86-5	PENTACHLOROPHENOL	1	1100	1100	140	U	
50-32-8	BENZO(A)PYRENE	1	570	570	21	U	
90-12-0	1-METHYLNAPHTHALENE	1	510	570	88	J	

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09

Lab ID: 0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.14 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5581

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3410		4250	80	19 - 113
321-60-8	2-FLUOROBIPHENYL	1710		2840	60	30 - 105
367-12-4	2-FLUOROPHENOL	2660		4250	63	25 - 100
4165-60-0	NITROBENZENE-D5	2050		2840	72	31 - 106
4165-62-2	PHENOL-D5	2870		4250	67	24 - 104
1718-51-0	TERPHENYL-D14	2110		2840	74	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.05 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5583

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	530	530	160	U	
95-57-8	2-CHLOROPHENOL	1	530	530	160	U	
95-48-7	2-METHYLPHENOL	1	530	530	160	U	
108-39-4	3+4-METHYLPHENOL	1	530	530	140	U	
88-75-5	2-NITROPHENOL	1	530	530	150	U	
105-67-9	2,4-DIMETHYLPHENOL	1	530	530	160	U	
120-83-2	2,4-DICHLOROPHENOL	1	530	530	170	U	
91-20-3	NAPHTHALENE	1	740	530	92		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	530	530	140	U	
91-57-6	2-METHYLNAPHTHALENE	1	3000	530	90		
88-06-2	2,4,6-TRICHLOROPHENOL	1	530	530	160	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	530	530	160	U	
91-58-7	2-CHLORONAPHTHALENE	1	530	530	85	U	
51-28-5	2,4-DINITROPHENOL	1	1100	1100	700	U	
100-02-7	4-NITROPHENOL	1	1100	1100	100	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1100	1100	100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	530	530	160	U	
87-86-5	PENTACHLOROPHENOL	1	1100	1100	130	U	
50-32-8	BENZO(A)PYRENE	1	530	530	20	U	
90-12-0	1-METHYLNAPHTHALENE	1	2100	530	82		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08
Lab ID: 0703142-6

Sample Matrix: SLUDGE
% Moisture: 36.7
Date Collected: 12-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070321-1
QCBatchID: EX070321-1-1
Run ID: SV070322-2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.05 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: P5583

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3390		3950	86	19 - 113
321-60-8	2-FLUOROBIPHENYL	1680		2630	64	30 - 105
367-12-4	2-FLUOROPHENOL	2800		3950	71	25 - 100
4165-60-0	NITROBENZENE-D5	2120		2630	81	31 - 106
4165-62-2	PHENOL-D5	3000		3950	76	24 - 104
1718-51-0	TERPHENYL-D14	2140		2630	82	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7

Sample Matrix: SLUDGE
% Moisture: 34.4
Date Collected: 12-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070321-1
QCBatchID: EX070321-1-1
Run ID: SV070322-2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: P5593

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	500	500	150	U	
95-57-8	2-CHLOROPHENOL	1	500	500	160	U	
95-48-7	2-METHYLPHENOL	1	500	500	150	U	
108-39-4	3+4-METHYLPHENOL	1	500	500	130	U	
88-75-5	2-NITROPHENOL	1	500	500	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	500	500	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	500	500	160	U	
91-20-3	NAPHTHALENE	1	680	500	88		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	500	500	140	U	
91-57-6	2-METHYLNAPHTHALENE	1	2800	500	86		
88-06-2	2,4,6-TRICHLOROPHENOL	1	500	500	160	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	500	500	160	U	
91-58-7	2-CHLORONAPHTHALENE	1	500	500	82	U	
51-28-5	2,4-DINITROPHENOL	1	1000	1000	680	U	
100-02-7	4-NITROPHENOL	1	1000	1000	100	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1000	1000	100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	500	500	160	U	
87-86-5	PENTACHLOROPHENOL	1	1000	1000	120	U	
50-32-8	BENZO(A)PYRENE	1	500	500	19	U	
90-12-0	1-METHYLNAPHTHALENE	1	1900	500	78		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07

Lab ID: 0703142-7

Sample Matrix: SLUDGE

% Moisture: 34.4

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.17 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5593

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3350		3790	89	19 - 113
321-60-8	2-FLUOROBIPHENYL	1890		2520	75	30 - 105
367-12-4	2-FLUOROPHENOL	2420		3790	64	25 - 100
4165-60-0	NITROBENZENE-D5	1850		2520	73	31 - 106
4165-62-2	PHENOL-D5	2630		3790	70	24 - 104
1718-51-0	TERPHENYL-D14	1860		2520	74	18 - 112

Data Package ID: SV0703142-2

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-8

Sample Matrix: SLUDGE

% Moisture: 29.6

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.2 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5587

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	470	470	140	U	
95-57-8	2-CHLOROPHENOL	1	470	470	150	U	
95-48-7	2-METHYLPHENOL	1	470	470	140	U	
108-39-4	3+4-METHYLPHENOL	1	470	470	120	U	
88-75-5	2-NITROPHENOL	1	470	470	130	U	
105-67-9	2,4-DIMETHYLPHENOL	1	470	470	140	U	
120-83-2	2,4-DICHLOROPHENOL	1	470	470	150	U	
91-20-3	NAPHTHALENE	1	1300	470	82		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	470	470	130	U	
91-57-6	2-METHYLNAPHTHALENE	1	4400	470	80		
88-06-2	2,4,6-TRICHLOROPHENOL	1	470	470	150	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	470	470	150	U	
91-58-7	2-CHLORONAPHTHALENE	1	470	470	76	U	
51-28-5	2,4-DINITROPHENOL	1	940	940	630	U	
100-02-7	4-NITROPHENOL	1	940	940	93	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	940	940	94	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	470	470	150	U	
87-86-5	PENTACHLOROPHENOL	1	940	940	110	U	
50-32-8	BENZO(A)PYRENE	1	470	470	18	U	
90-12-0	1-METHYLNAPHTHALENE	1	3200	470	73		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06
Lab ID: 0703142-8

Sample Matrix: SLUDGE
% Moisture: 29.6
Date Collected: 12-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070321-1
QCBatchID: EX070321-1-1
Run ID: SV070322-2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.2 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: P5587

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3180		3530	90	19 - 113
321-60-8	2-FLUOROBIPHENYL	1630		2350	69	30 - 105
367-12-4	2-FLUOROPHENOL	2350		3530	67	25 - 100
4165-60-0	NITROBENZENE-D5	1560		2350	66	31 - 106
4165-62-2	PHENOL-D5	2500		3530	71	24 - 104
1718-51-0	TERPHENYL-D14	1730		2350	73	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05

Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.12 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5588

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	490	490	150	U	
95-57-8	2-CHLOROPHENOL	1	490	490	150	U	
95-48-7	2-METHYLPHENOL	1	490	490	150	U	
108-39-4	3+4-METHYLPHENOL	1	490	490	130	U	
88-75-5	2-NITROPHENOL	1	490	490	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	490	490	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	490	490	150	U	
91-20-3	NAPHTHALENE	1	1200	490	85		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	490	490	130	U	
91-57-6	2-METHYLNAPHTHALENE	1	4700	490	83		
88-06-2	2,4,6-TRICHLOROPHENOL	1	490	490	150	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	490	490	150	U	
91-58-7	2-CHLORONAPHTHALENE	1	490	490	79	U	
51-28-5	2,4-DINITROPHENOL	1	970	970	650	U	
100-02-7	4-NITROPHENOL	1	970	970	96	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	970	970	97	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	490	490	150	U	
87-86-5	PENTACHLOROPHENOL	1	970	970	120	U	
50-32-8	BENZO(A)PYRENE	1	490	490	18	U	
90-12-0	1-METHYLNAPHTHALENE	1	3100	490	76		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05

Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.12 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5588

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3180		3650	87	19 - 113
321-60-8	2-FLUOROBIPHENYL	1700		2430	70	30 - 105
367-12-4	2-FLUOROPHENOL	2600		3650	71	25 - 100
4165-60-0	NITROBENZENE-D5	1730		2430	71	31 - 106
4165-62-2	PHENOL-D5	2680		3650	73	24 - 104
1718-51-0	TERPHENYL-D14	1960		2430	81	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.3 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5589

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	500	500	150	U	
95-57-8	2-CHLOROPHENOL	1	500	500	160	U	
95-48-7	2-METHYLPHENOL	1	500	500	150	U	
108-39-4	3+4-METHYLPHENOL	1	500	500	130	U	
88-75-5	2-NITROPHENOL	1	500	500	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	500	500	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	500	500	160	U	
91-20-3	NAPHTHALENE	1	780	500	88		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	500	500	140	U	
91-57-6	2-METHYLNAPHTHALENE	1	2700	500	86		
88-06-2	2,4,6-TRICHLOROPHENOL	1	500	500	150	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	500	500	150	U	
91-58-7	2-CHLORONAPHTHALENE	1	500	500	81	U	
51-28-5	2,4-DINITROPHENOL	1	1000	1000	670	U	
100-02-7	4-NITROPHENOL	1	1000	1000	99	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1000	1000	100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	500	500	160	U	
87-86-5	PENTACHLOROPHENOL	1	1000	1000	120	U	
50-32-8	BENZO(A)PYRENE	1	500	500	19	U	
90-12-0	1-METHYLNAPHTHALENE	1	1800	500	78		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.3 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5589

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2960		3760	79	19 - 113
321-60-8	2-FLUOROBIPHENYL	1790		2510	71	30 - 105
367-12-4	2-FLUOROPHENOL	2670		3760	71	25 - 100
4165-60-0	NITROBENZENE-D5	1970		2510	78	31 - 106
4165-62-2	PHENOL-D5	2730		3760	73	24 - 104
1718-51-0	TERPHENYL-D14	1780		2510	71	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.1 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5591

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	510	510	160	U	
95-57-8	2-CHLOROPHENOL	1	510	510	160	U	
95-48-7	2-METHYLPHENOL	1	510	510	150	U	
108-39-4	3+4-METHYLPHENOL	1	510	510	130	U	
88-75-5	2-NITROPHENOL	1	510	510	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	510	510	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	510	510	160	U	
91-20-3	NAPHTHALENE	1	810	510	89		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	510	510	140	U	
91-57-6	2-METHYLNAPHTHALENE	1	2900	510	87		
88-06-2	2,4,6-TRICHLOROPHENOL	1	510	510	160	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	510	510	160	U	
91-58-7	2-CHLORONAPHTHALENE	1	510	510	83	U	
51-28-5	2,4-DINITROPHENOL	1	1000	1000	680	U	
100-02-7	4-NITROPHENOL	1	1000	1000	100	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1000	1000	100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	510	510	160	U	
87-86-5	PENTACHLOROPHENOL	1	420	1000	120	J	
50-32-8	BENZO(A)PYRENE	1	510	510	19	U	
90-12-0	1-METHYLNAPHTHALENE	1	2000	510	79		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.1 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5591

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3410		3820	89	19 - 113
321-60-8	2-FLUOROBIPHENYL	1800		2550	71	30 - 105
367-12-4	2-FLUOROPHENOL	2690		3820	70	25 - 100
4165-60-0	NITROBENZENE-D5	1900		2550	75	31 - 106
4165-62-2	PHENOL-D5	2750		3820	72	24 - 104
1718-51-0	TERPHENYL-D14	1850		2550	72	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.05 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5584

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	480	480	150	U	
95-57-8	2-CHLOROPHENOL	1	480	480	150	U	
95-48-7	2-METHYLPHENOL	1	480	480	150	U	
108-39-4	3+4-METHYLPHENOL	1	480	480	120	U	
88-75-5	2-NITROPHENOL	1	480	480	140	U	
105-67-9	2,4-DIMETHYLPHENOL	1	480	480	150	U	
120-83-2	2,4-DICHLOROPHENOL	1	480	480	150	U	
91-20-3	NAPHTHALENE	1	650	480	85		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	480	480	130	U	
91-57-6	2-METHYLNAPHTHALENE	1	2300	480	82		
88-06-2	2,4,6-TRICHLOROPHENOL	1	480	480	150	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	480	480	150	U	
91-58-7	2-CHLORONAPHTHALENE	1	480	480	78	U	
51-28-5	2,4-DINITROPHENOL	1	970	970	650	U	
100-02-7	4-NITROPHENOL	1	970	970	96	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	970	970	96	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	480	480	150	U	
87-86-5	PENTACHLOROPHENOL	1	970	970	120	U	
50-32-8	BENZO(A)PYRENE	1	480	480	18	U	
90-12-0	1-METHYLNAPHTHALENE	1	1400	480	75		

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.05 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5584

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2920		3620	80	19 - 113
321-60-8	2-FLUOROBIPHENYL	1730		2420	71	30 - 105
367-12-4	2-FLUOROPHENOL	2520		3620	70	25 - 100
4165-60-0	NITROBENZENE-D5	1860		2420	77	31 - 106
4165-62-2	PHENOL-D5	2610		3620	72	24 - 104
1718-51-0	TERPHENYL-D14	1620		2420	67	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.15 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5582

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	460	460	140	U	
95-57-8	2-CHLOROPHENOL	1	460	460	140	U	
95-48-7	2-METHYLPHENOL	1	460	460	140	U	
108-39-4	3+4-METHYLPHENOL	1	460	460	120	U	
88-75-5	2-NITROPHENOL	1	460	460	130	U	
105-67-9	2,4-DIMETHYLPHENOL	1	460	460	140	U	
120-83-2	2,4-DICHLOROPHENOL	1	460	460	140	U	
91-20-3	NAPHTHALENE	1	170	460	80	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	460	460	120	U	
91-57-6	2-METHYLNAPHTHALENE	1	540	460	78		
88-06-2	2,4,6-TRICHLOROPHENOL	1	460	460	140	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	460	460	140	U	
91-58-7	2-CHLORONAPHTHALENE	1	460	460	74	U	
51-28-5	2,4-DINITROPHENOL	1	910	910	610	U	
100-02-7	4-NITROPHENOL	1	910	910	90	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	910	910	91	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	460	460	140	U	
87-86-5	PENTACHLOROPHENOL	1	910	910	110	U	
50-32-8	BENZO(A)PYRENE	1	460	460	17	U	
90-12-0	1-METHYLNAPHTHALENE	1	330	460	71	J	

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
Lab ID: 0703142-13

Sample Matrix: SLUDGE
% Moisture: 27.3
Date Collected: 12-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070321-1
QCBatchID: EX070321-1-1
Run ID: SV070322-2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: P5582

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2290		3420	67	19 - 113
321-60-8	2-FLUOROBIPHENYL	1540		2280	68	30 - 105
367-12-4	2-FLUOROPHENOL	2030		3420	59	25 - 100
4165-60-0	NITROBENZENE-D5	1530		2280	67	31 - 106
4165-62-2	PHENOL-D5	2250		3420	66	24 - 104
1718-51-0	TERPHENYL-D14	1440		2280	63	18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070323-1LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/23/2007

Date Analyzed: 03/26/2007

Prep Method: SW3520C

Prep Batch: EX070323-1

QCBatchID: EX070323-1-1

Run ID: SV070326-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1667

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.034	0.01		68	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0428	0.01		86	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.0773	0.01		77	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.15	0.01		75	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.0403	0.01		81	28 - 94%
98-95-3	NITROBENZENE	0.05	0.0322	0.01		64	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0391	0.01		78	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0841	0.01		84	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0829	0.01		83	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0462	0.01		92	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0422	0.01		84	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.0725	0.02		73	38 - 117%

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070323-1LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/23/2007

Date Analyzed: 03/26/2007

Prep Method: SW3520C

Prep Batch: EX070323-1

QCBatchID: EX070323-1-1

Run ID: SV070326-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: N1668

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.0187	0.01	+	37	50	58
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0416	0.01		83	50	3
95-48-7	2-METHYLPHENOL	0.1	0.0744	0.01		74	50	4
108-39-4	3+4-METHYLPHENOL	0.2	0.145	0.01		72	50	4
67-72-1	HEXACHLOROETHANE	0.05	0.0391	0.01		78	50	3
98-95-3	NITROBENZENE	0.05	0.03	0.01		60	50	7
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0376	0.01		75	50	4
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0794	0.01		79	50	6
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0786	0.01		79	50	5
121-14-2	2,4-DINITROTOLUENE	0.05	0.0442	0.01		88	50	5
118-74-1	HEXACHLOROBENZENE	0.05	0.0395	0.01		79	50	6
87-86-5	PENTACHLOROPHENOL	0.1	0.0696	0.02		70	50	4

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.075	88		83		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	85		82		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	83		80		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	83		78		34 - 111
4165-62-2	PHENOL-D5	0.075	86		82		15 - 104
1718-51-0	TERPHENYL-D14	0.05	84		79		33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

LabID: 0703142-14MS

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Batch: EX070323-1

QCBatchID: EX070323-1-1

Run ID: SV070326-1

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: N1671

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	0.1	U	0.37		0.1	0.5	74	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.442		0.1	0.5	88	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.805		0.1	1	81	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.57		0.1	2	79	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.416		0.1	0.5	83	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.324		0.1	0.5	65	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.394		0.1	0.5	79	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.887		0.1	1	89	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.898		0.1	1	90	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.473		0.1	0.5	95	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.413		0.1	0.5	83	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.62		0.2	1	62	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.698		0.75	93	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.422		0.5	84	21 - 106
367-12-4	2-FLUOROPHENOL	0.653		0.75	87	21 - 100
4165-60-0	NITROBENZENE-D5	0.418		0.5	84	34 - 111
4165-62-2	PHENOL-D5	0.672		0.75	90	15 - 104
1718-51-0	TERPHENYL-D14	0.408		0.5	82	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09
LabID: 0703142-17MS

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 26-Mar-07

Prep Batch: EX070323-1

QCBatchID: EX070323-1-2

Run ID: SV070326-1

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: N1675

LEACH DATE: 3/22/2007

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	0.1	U	0.346		0.1	0.5	69	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.43		0.1	0.5	86	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.777		0.1	1	78	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.52		0.1	2	76	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.407		0.1	0.5	81	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.317		0.1	0.5	63	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.386		0.1	0.5	77	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.868		0.1	1	87	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.87		0.1	1	87	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.471		0.1	0.5	94	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.407		0.1	0.5	81	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.797		0.2	1	80	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.692		0.75	92	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.425		0.5	85	21 - 106
367-12-4	2-FLUOROPHENOL	0.624		0.75	83	21 - 100
4165-60-0	NITROBENZENE-D5	0.41		0.5	82	34 - 111
4165-62-2	PHENOL-D5	0.654		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.398		0.5	80	33 - 111

Data Package ID: SV0703142-1

Date Printed: Tuesday, March 27, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070321-1LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/21/2007

Date Analyzed: 03/22/2007

Prep Method: SW3540C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5578

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
108-95-2	PHENOL	2500	1830	333		73	39 - 160%
95-57-8	2-CHLOROPHENOL	2500	1830	333		73	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	2090	333		84	46 - 113%
100-02-7	4-NITROPHENOL	2500	2070	667		83	17 - 138%
87-86-5	PENTACHLOROPHENOL	2500	1960	667		78	25 - 119%

Lab ID: EX070321-1LCSD

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/21/2007

Date Analyzed: 03/22/2007

Prep Method: SW3540C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: P5579

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
108-95-2	PHENOL	2500	1630	333		65	44	12
95-57-8	2-CHLOROPHENOL	2500	1640	333		66	41	11
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	1910	333		76	38	9
100-02-7	4-NITROPHENOL	2500	2050	667		82	67	1
87-86-5	PENTACHLOROPHENOL	2500	1780	667		71	54	9

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2500	78		67		19 - 113
321-60-8	2-FLUOROBIPHENYL	1670	74		64		30 - 105
367-12-4	2-FLUOROPHENOL	2500	68		60		25 - 100
4165-60-0	NITROBENZENE-D5	1670	71		63		31 - 106
4165-62-2	PHENOL-D5	2500	71		65		24 - 104
1718-51-0	TERPHENYL-D14	1670	84		78		18 - 112

Data Package ID: SV0703142-2

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

LabID: 0703142-12MS

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.2 g

Final Volume: 1 ml

Result Units: UG/KG

File Name: P5585

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
108-95-2	PHENOL	480	U	2740		481	3610	76	39 - 160%
95-57-8	2-CHLOROPHENOL	480	U	2640		481	3610	73	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	480	U	3470		481	3610	96	46 - 113%
100-02-7	4-NITROPHENOL	970	U	1950		962	3610	54	17 - 138%
87-86-5	PENTACHLOROPHENOL	970	U	2520		962	3610	70	25 - 119%

Field ID: SS1-031207-02

LabID: 0703142-12MSD

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070321-1

QCBatchID: EX070321-1-1

Run ID: SV070322-2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.15 g

Final Volume: 1 ml

Result Units: UG/KG

File Name: P5586

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
108-95-2	PHENOL	2540		3610	70	482	44	7
95-57-8	2-CHLOROPHENOL	2440		3610	68	482	41	8
59-50-7	4-CHLORO-3-METHYLPHENOL	3340		3610	93	482	38	4
100-02-7	4-NITROPHENOL	2310		3610	64	963	67	17
87-86-5	PENTACHLOROPHENOL	2920		3610	81	963	54	15

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3610	80		74		19 - 113
321-60-8	2-FLUOROBIPHENYL	2400	66		61		30 - 105
367-12-4	2-FLUOROPHENOL	3610	66		61		25 - 100
4165-60-0	NITROBENZENE-D5	2400	74		68		31 - 106
4165-62-2	PHENOL-D5	3610	71		65		24 - 104
1718-51-0	TERPHENYL-D14	2400	65		62		18 - 112

Data Package ID: SV0703142-2

Date Printed: Wednesday, March 28, 2007

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Paragon Analytics

GC/MS Volatiles Case Narrative

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 1 water sample and 12 sludge samples and 12 TCLP ZHE leachates from sludge samples. The samples were received cool and intact by Paragon on 03/16/2007. The aqueous sample was free of headspace prior to analysis.
2. These samples were prepared according to SW-846, 3rd Edition procedures. Specifically, the water sample was prepared by purging 5 mls using purge and trap procedures based on Method 5030C.

Sludge samples 2, 4 and 13RR1 were prepared by purging a heated 5 grams of sample mixed with 10 mls of reagent water. The calibration curve was also prepared using the heated purge. This procedure, including the heating and agitating, is based on modifications of Method 5035A. All other sludge samples were extracted with methanol, which was then injected into the instrument using purge and trap procedures. The procedures for the extraction of soil and injection of the extract are based on modifications of Method 5035A.

The sludge samples were leached using the TCLP ZHE extraction procedure according to Paragon Analytics Standard Operating Procedure 608 Revision 11 based on Method 1311. The TCLP leachates were then analyzed by purging the sample using purge and trap procedures based on Method 5030C.

3. The samples were analyzed using GC/MS with an RTX-624 capillary column according to Paragon Standard Operating Procedure 525 Revision 12 based on SW-846 Method 8260B. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.
4. All initial calibration criteria for SPCC's and CCC's were met. If average response factors were used in the initial calibration, %RSD was $\leq 15\%$. If linear or higher

order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥ 0.99 .

5. All initial calibrations are verified by comparing a second source standard calibration verification (ICV) against the calibration curve. All compounds in the second source verification had a %D of less than 25%, with the exceptions of acrolein on 03/15/2007, 03/20/2007 and 03/27/2007 and acetonitrile and bromoform on 03/27/2007. Acrolein and acetonitrile were not target compounds in the samples.
6. All criteria for SPCC's and CCC's were met in daily (continuing) calibration verifications (CCV).
7. Methylene chloride, acetone and 2-butanone are common laboratory contaminants. In order to minimize the levels of these compounds detected in the gc/ms analysis, Paragon has designated its volatile laboratory as a restricted access area. In addition, the laboratory has been equipped with a dedicated, air intake and exhaust system that operates under positive pressure in order to minimize cross contamination of these compounds. Due to fluctuations in ambient laboratory conditions, reported sample values for common laboratory contaminants may be due to lab contamination even if the compound in question is not detected in the associated method blank.

The method blank VL070323-4MMB had acetone detected below the reporting limit. This compound was detected in the associated samples, so the data were flagged.

8. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria with the following exceptions:

Spiked Compound	QC Sample	Direction
2-Butanone	VL070328-3LCSD	High

The high recovery of 2-butanone suggests that the quantitations of target analytes may be biased high. This analyte was not detected above the method detection limit in the associated samples. The reporting limits are defensible because the elevated recovery demonstrates an increase in sensitivity. No further action was taken.

9. Matrix QC was performed for the water analysis. Since a sample from this order number was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

Sample 0703142-25 was designated as the quality control sample for the leachate analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

Sample 0703142-4 and 13 were designated as the quality control samples for the sludge analysis. The matrix spike duplicate for 0703142-4 could not be reported due

to instrument malfunction. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

All matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria with the following exceptions:

Spiked Compound	QC Sample	Direction
Toluene	0703142-4MS	High

The recoveries of toluene in the laboratory control spike and laboratory control spike duplicate were within control limits, which suggests the outliers in the matrix spike may have been due to matrix effects. No further action was taken. Laboratory control spike and laboratory control spike duplicate results are included.

10. The samples were analyzed within the established holding time.
11. All surrogate recoveries were within acceptable limits with the following exceptions:

Surrogate	Sample	Direction
Toluene-d8	VL070328-3MB, EX070322-2MB, 14, 16, 17, 18, 20, 21, 23, 25 and 25MSD	Low

Please see NCR#8627 at the end of this report that documents this occurrence.

12. All internal standard recoveries were within acceptance criteria.
13. Due to sample matrix and the concentration of target analytes and non-target analytes, samples 2 thru 13RR1 were analyzed at a dilution. The reporting limits have been adjusted accordingly.

It is a standard PA practice that all leachates are analyzed at a dilution. All client requested reporting limits were met. The reporting limits have been adjusted accordingly.

14. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2. The chromatographic data system marks the manual integrations with an m on the quantitation report. Whenever manual integrations are performed, before and after chromatograms of the peak that was manually integrated are included in the report along with the reason why the re-integration was necessary.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Jose Nolte (for Tyler K.) 3-30-07
Tyler Knaebel Date
GC/MS Analyst

Jma 3/30/07
Reviewer's Initials Date

Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry

U or ND:	This flag indicates that the compound was analyzed for but not detected.
J:	This flag indicates an estimated value. This flag is used as follows : (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
B:	This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
E:	This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
A:	This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
X:	This flag indicates that the analyte was diluted below an accurate quantitation level.
*:	This flag indicates that a spike recovery is equal to or outside the control criteria used.
+: 	This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070317-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44164

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	5	5	1.7	U	
74-87-3	CHLOROMETHANE	1	5	5	1.7	U	
75-01-4	VINYL CHLORIDE	1	5	5	1.7	U	
74-83-9	BROMOMETHANE	1	5	5	1.7	U	
75-00-3	CHLOROETHANE	1	5	5	1.7	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	5	5	1.7	U	
75-35-4	1,1-DICHLOROETHENE	1	5	5	1.7	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	1	5	5	1.7	U	
67-64-1	ACETONE	1	20	20	6.7	U	
74-88-4	IODOMETHANE	1	5	5	1.7	U	
75-15-0	CARBON DISULFIDE	1	5	5	1.7	U	
75-09-2	METHYLENE CHLORIDE	1	5	5	1.7	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	5	5	1.7	U	
75-34-3	1,1-DICHLOROETHANE	1	5	5	1.7	U	
108-05-4	VINYL ACETATE	1	20	20	3.3	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
78-93-3	2-BUTANONE	1	20	20	6.7	U	
74-97-5	BROMOCHLOROMETHANE	1	5	5	1.7	U	
67-66-3	CHLOROFORM	1	5	5	1.7	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	5	5	1.7	U	
594-20-7	2,2-DICHLOROPROPANE	1	5	5	1.7	U	
56-23-5	CARBON TETRACHLORIDE	1	5	5	1.7	U	
563-58-6	1,1-DICHLOROPROPENE	1	5	5	1.7	U	
107-06-2	1,2-DICHLOROETHANE	1	5	5	1.7	U	
71-43-2	BENZENE	1	5	5	1.7	U	
79-01-6	TRICHLOROETHENE	1	5	5	1.7	U	
78-87-5	1,2-DICHLOROPROPANE	1	5	5	1.7	U	

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070317-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44164

74-95-3	DIBROMOMETHANE	1	5	5	1.7	U	
75-27-4	BROMODICHLOROMETHANE	1	5	5	1.7	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	5	5	1.7	U	
108-10-1	4-METHYL-2-PENTANONE	1	20	20	6.7	U	
108-88-3	TOLUENE	1	5	5	1.7	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	5	5	1.7	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	5	5	1.7	U	
591-78-6	2-HEXANONE	1	20	20	6.7	U	
127-18-4	TETRACHLOROETHENE	1	5	5	1.7	U	
142-28-9	1,3-DICHLOROPROPANE	1	5	5	1.7	U	
124-48-1	DIBROMOCHLOROMETHANE	1	5	5	1.7	U	
106-93-4	1,2-DIBROMOETHANE	1	5	5	1.7	U	
544-10-5	1-CHLOROHEXANE	1	5	5	1.7	U	
108-90-7	CHLOROBENZENE	1	5	5	1.7	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U	
100-41-4	ETHYLBENZENE	1	5	5	1.7	U	
136777-61-2	M+P-XYLENE	1	5	5	1.7	U	
95-47-6	O-XYLENE	1	5	5	1.7	U	
100-42-5	STYRENE	1	5	5	1.7	U	
75-25-2	BROMOFORM	1	5	5	1.7	U	
98-82-8	ISOPROPYLBENZENE	1	5	5	1.7	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	5	5	1.7	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	5	5	1.7	U	
108-86-1	BROMOBENZENE	1	5	5	1.7	U	
103-65-1	N-PROPYLBENZENE	1	5	5	1.7	U	
95-49-8	2-CHLOROTOLUENE	1	5	5	1.7	U	
108-67-8	1,3,5-TRIMETHYLBENZENE	1	5	5	1.7	U	
106-43-4	4-CHLOROTOLUENE	1	5	5	1.7	U	
98-06-6	TERT-BUTYLBENZENE	1	5	5	1.7	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	5	5	1.7	U	

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070317-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44164

135-98-8	SEC-BUTYLBENZENE	1	5	5	1.7	U	
541-73-1	1,3-DICHLOROBENZENE	1	5	5	1.7	U	
99-87-6	P-ISOPROPYLTOLUENE	1	5	5	1.7	U	
106-46-7	1,4-DICHLOROBENZENE	1	5	5	1.7	U	
104-51-8	N-BUTYLBENZENE	1	5	5	1.7	U	
95-50-1	1,2-DICHLOROBENZENE	1	5	5	1.7	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	10	10	3.3	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	5	5	1.7	U	
87-68-3	HEXACHLOROBUTADIENE	1	5	5	1.7	U	
91-20-3	NAPHTHALENE	1	5	5	1.7	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	5	5	1.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	45.2		50	90	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	46.4		50	93	79 - 120
2037-26-5	TOLUENE-D8	47.4		50	95	83 - 120

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-13
Lab ID: 0703142-1

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44166

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	5	5	1.7	U	
74-87-3	CHLOROMETHANE	1	5	5	1.7	U	
75-01-4	VINYL CHLORIDE	1	5	5	1.7	U	
74-83-9	BROMOMETHANE	1	5	5	1.7	U	
75-00-3	CHLOROETHANE	1	5	5	1.7	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	5	5	1.7	U	
75-35-4	1,1-DICHLOROETHENE	1	5	5	1.7	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	5	5	1.7	U	
67-64-1	ACETONE	1	20	20	6.7	U	
74-88-4	IODOMETHANE	1	5	5	1.7	U	
75-15-0	CARBON DISULFIDE	1	5	5	1.7	U	
75-09-2	METHYLENE CHLORIDE	1	5	5	1.7	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	5	5	1.7	U	
75-34-3	1,1-DICHLOROETHANE	1	5	5	1.7	U	
108-05-4	VINYL ACETATE	1	20	20	3.3	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
78-93-3	2-BUTANONE	1	20	20	6.7	U	
74-97-5	BROMOCHLOROMETHANE	1	5	5	1.7	U	
67-66-3	CHLOROFORM	1	5	5	1.7	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	5	5	1.7	U	
594-20-7	2,2-DICHLOROPROPANE	1	5	5	1.7	U	
56-23-5	CARBON TETRACHLORIDE	1	5	5	1.7	U	
563-58-6	1,1-DICHLOROPROPENE	1	5	5	1.7	U	
107-06-2	1,2-DICHLOROETHANE	1	5	5	1.7	U	
71-43-2	BENZENE	1	5	5	1.7	U	

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-13

Lab ID: 0703142-1

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44166

79-01-6	TRICHLOROETHENE	1	5	5	1.7	U	
78-87-5	1,2-DICHLOROPROPANE	1	5	5	1.7	U	
74-95-3	DIBROMOMETHANE	1	5	5	1.7	U	
75-27-4	BROMODICHLOROMETHANE	1	5	5	1.7	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	5	5	1.7	U	
108-10-1	4-METHYL-2-PENTANONE	1	20	20	6.7	U	
108-88-3	TOLUENE	1	5	5	1.7	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	5	5	1.7	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	5	5	1.7	U	
591-78-6	2-HEXANONE	1	20	20	6.7	U	
127-18-4	TETRACHLOROETHENE	1	5	5	1.7	U	
142-28-9	1,3-DICHLOROPROPANE	1	5	5	1.7	U	
124-48-1	DIBROMOCHLOROMETHANE	1	5	5	1.7	U	
106-93-4	1,2-DIBROMOETHANE	1	5	5	1.7	U	
544-10-5	1-CHLOROHEXANE	1	5	5	1.7	U	
108-90-7	CHLOROBENZENE	1	5	5	1.7	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U	
100-41-4	ETHYLBENZENE	1	5	5	1.7	U	
136777-61-2	M+P-XYLENE	1	5	5	1.7	U	
95-47-6	O-XYLENE	1	5	5	1.7	U	
100-42-5	STYRENE	1	5	5	1.7	U	
75-25-2	BROMOFORM	1	5	5	1.7	U	
98-82-8	ISOPROPYLBENZENE	1	5	5	1.7	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	5	5	1.7	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	5	5	1.7	U	
108-86-1	BROMOBENZENE	1	5	5	1.7	U	
103-65-1	N-PROPYLBENZENE	1	5	5	1.7	U	
95-49-8	2-CHLOROTOLUENE	1	5	5	1.7	U	

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-13

Lab ID: 0703142-1

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 17-Mar-07

Date Analyzed: 17-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070317-2

QC Batch ID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44166

108-67-8	1,3,5-TRIMETHYLBENZENE	1	5	5	1.7	U	
106-43-4	4-CHLOROTOLUENE	1	5	5	1.7	U	
98-06-6	TERT-BUTYLBENZENE	1	5	5	1.7	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	5	5	1.7	U	
135-98-8	SEC-BUTYLBENZENE	1	5	5	1.7	U	
541-73-1	1,3-DICHLOROBENZENE	1	5	5	1.7	U	
99-87-6	P-ISOPROPYLTOLUENE	1	5	5	1.7	U	
106-46-7	1,4-DICHLOROBENZENE	1	5	5	1.7	U	
104-51-8	N-BUTYLBENZENE	1	5	5	1.7	U	
95-50-1	1,2-DICHLOROBENZENE	1	5	5	1.7	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	10	10	3.3	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	5	5	1.7	U	
87-68-3	HEXACHLOROBUTADIENE	1	5	5	1.7	U	
91-20-3	NAPHTHALENE	1	5	5	1.7	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	5	5	1.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	47.2		50	94	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	48.9		50	98	79 - 120
2037-26-5	TOLUENE-D8	50.8		50	102	83 - 120

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070328-3MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Mar-07

Date Analyzed: 28-Mar-07

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03737

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	1	0.005	0.005	0.0017	U	
75-35-4	1,1-DICHLOROETHENE	1	0.005	0.005	0.0017	U	
78-93-3	2-BUTANONE	1	0.02	0.02	0.0067	U	
67-66-3	CHLOROFORM	1	0.005	0.005	0.0017	U	
56-23-5	CARBON TETRACHLORIDE	1	0.005	0.005	0.0017	U	
107-06-2	1,2-DICHLOROETHANE	1	0.005	0.005	0.0017	U	
71-43-2	BENZENE	1	0.005	0.005	0.0017	U	
79-01-6	TRICHLOROETHENE	1	0.005	0.005	0.0017	U	
127-18-4	TETRACHLOROETHENE	1	0.005	0.005	0.0017	U	
108-90-7	CHLOROBENZENE	1	0.005	0.005	0.0017	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.0414		0.05	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.0406		0.05	81	79 - 120
2037-26-5	TOLUENE-D8	0.0407	*	0.05	81	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--Leachate

Method Blank

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Lab ID: EX070322-2MB

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 28-Mar-07
 Date Analyzed: 28-Mar-07

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: N/A

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03738

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.198		0.25	79	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.2		0.25	80	79 - 120
2037-26-5	TOLUENE-D8	0.195	*	0.25	78	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics
 LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
 Lab ID: 0703142-14

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 28-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03739

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.202		0.25	81	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.212		0.25	85	79 - 120
2037-26-5	TOLUENE-D8	0.206	*	0.25	82	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics
 LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11

Lab ID: 0703142-15

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 28-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03740

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.205		0.25	82	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.21		0.25	84	79 - 120
2037-26-5	TOLUENE-D8	0.207		0.25	83	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10 Lab ID: 0703142-16 LEACH DATE: 3/22/2007	Sample Matrix: LEACHATE % Moisture: N/A Date Collected: 12-Mar-07 Date Extracted: 28-Mar-07 Date Analyzed: 28-Mar-07 Prep Method: SW5030 Rev C	Prep Batch: VL070328-3 QCBatchID: VL070328-3-1 Run ID: VL070328-3A Cleanup: NONE Basis: As Received	Sample Aliquot: 5 ml Final Volume: 5 ml Result Units: mg/l Clean DF: 1 File Name: C03741

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.204		0.25	81	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.209		0.25	83	79 - 120
2037-26-5	TOLUENE-D8	0.204	*	0.25	81	83 - 120

Data Package ID: VL0703142-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09
 Lab ID: 0703142-17

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 28-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03742

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.197		0.25	79	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.203		0.25	81	79 - 120
2037-26-5	TOLUENE-D8	0.202	*	0.25	81	83 - 120

Data Package ID: VL0703142-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08
 Lab ID: 0703142-18

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 28-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03743

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.031	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.206		0.25	82	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.212		0.25	85	79 - 120
2037-26-5	TOLUENE-D8	0.199	*	0.25	80	83 - 120

Data Package ID: VL0703142-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-07
Lab ID:	0703142-19

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 28-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QC Batch ID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03744

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.02	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.215		0.25	86	79 - 120
2037-26-5	TOLUENE-D8	0.211		0.25	84	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-20

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 29-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03745

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.051	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.203		0.25	81	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.209		0.25	83	79 - 120
2037-26-5	TOLUENE-D8	0.197	*	0.25	79	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05
Lab ID: 0703142-21

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 29-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03746

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.042	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.206		0.25	82	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.208		0.25	83	79 - 120
2037-26-5	TOLUENE-D8	0.201	*	0.25	81	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04
 Lab ID: 0703142-22

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 29-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03747

LEACH DATE: 3/22/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.017	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.2		0.25	80	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.208		0.25	83	79 - 120
2037-26-5	TOLUENE-D8	0.209		0.25	83	83 - 120

Data Package ID: VL0703142-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03
 Lab ID: 0703142-23

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 29-Mar-07
 Prep Method: SW5030 Rev.C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: C03748

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.018	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.207		0.25	83	79 - 120
2037-26-5	TOLUENE-D8	0.206	*	0.25	82	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics
 LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-24

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 29-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03749

LEACH DATE: 3/22/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.013	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.211		0.25	84	79 - 120
2037-26-5	TOLUENE-D8	0.207		0.25	83	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-25

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 29-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03750

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.025	0.025	0.0083	U	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.204		0.25	82	79 - 120
2037-26-5	TOLUENE-D8	0.201	*	0.25	80	83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070323-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18928

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	5	5	1.7	U	
74-87-3	CHLOROMETHANE	1	5	5	1.7	U	
75-01-4	VINYL CHLORIDE	1	5	5	1.7	U	
74-83-9	BROMOMETHANE	1	5	5	1.7	U	
75-00-3	CHLOROETHANE	1	5	5	1.7	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	5	5	1.7	U	
75-35-4	1,1-DICHLOROETHENE	1	5	5	1.7	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	1	5	5	1.7	U	
67-64-1	ACETONE	1	20	20	6.7	U	
74-88-4	IODOMETHANE	1	5	5	1.7	U	
75-15-0	CARBON DISULFIDE	1	5	5	1.7	U	
75-09-2	METHYLENE CHLORIDE	1	5	5	1.7	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	5	5	1.7	U	
75-34-3	1,1-DICHLOROETHANE	1	5	5	1.7	U	
108-05-4	VINYL ACETATE	1	20	20	3.3	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
78-93-3	2-BUTANONE	1	20	20	6.7	U	
74-97-5	BROMOCHLOROMETHANE	1	5	5	1.7	U	
67-66-3	CHLOROFORM	1	5	5	1.7	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	5	5	1.7	U	
594-20-7	2,2-DICHLOROPROPANE	1	5	5	1.7	U	
56-23-5	CARBON TETRACHLORIDE	1	5	5	1.7	U	
563-58-6	1,1-DICHLOROPROPENE	1	5	5	1.7	U	
107-06-2	1,2-DICHLOROETHANE	1	5	5	1.7	U	
71-43-2	BENZENE	1	5	5	1.7	U	
79-01-6	TRICHLOROETHENE	1	5	5	1.7	U	
78-87-5	1,2-DICHLOROPROPANE	1	5	5	1.7	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070323-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18928

74-95-3	DIBROMOMETHANE	1	5	5	1.7	U
75-27-4	BROMODICHLOROMETHANE	1	5	5	1.7	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	5	5	1.7	U
108-10-1	4-METHYL-2-PENTANONE	1	20	20	6.7	U
108-88-3	TOLUENE	1	5	5	1.7	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	5	5	1.7	U
79-00-5	1,1,2-TRICHLOROETHANE	1	5	5	1.7	U
591-78-6	2-HEXANONE	1	20	20	6.7	U
127-18-4	TETRACHLOROETHENE	1	5	5	1.7	U
142-28-9	1,3-DICHLOROPROPANE	1	5	5	1.7	U
124-48-1	DIBROMOCHLOROMETHANE	1	5	5	1.7	U
106-93-4	1,2-DIBROMOETHANE	1	5	5	1.7	U
544-10-5	1-CHLOROHEXANE	1	5	5	1.7	U
108-90-7	CHLOROBENZENE	1	5	5	1.7	U
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U
100-41-4	ETHYLBENZENE	1	5	5	1.7	U
136777-61-2	M+P-XYLENE	1	5	5	1.7	U
95-47-6	O-XYLENE	1	5	5	1.7	U
100-42-5	STYRENE	1	5	5	1.7	U
75-25-2	BROMOFORM	1	5	5	1.7	U
98-82-8	ISOPROPYLBENZENE	1	5	5	1.7	U
96-18-4	1,2,3-TRICHLOROPROPANE	1	5	5	1.7	U
79-34-5	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U
108-86-1	BROMOBENZENE	1	5	5	1.7	U
103-65-1	N-PROPYLBENZENE	1	5	5	1.7	U
95-49-8	2-CHLOROTOLUENE	1	5	5	1.7	U
108-67-8	1,3,5-TRIMETHYLBENZENE	1	5	5	1.7	U
106-43-4	4-CHLOROTOLUENE	1	5	5	1.7	U
98-06-6	TERT-BUTYLBENZENE	1	5	5	1.7	U
95-63-6	1,2,4-TRIMETHYLBENZENE	1	5	5	1.7	U

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070323-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18928

135-98-8	SEC-BUTYLBENZENE	1	5	5	1.7	U	
541-73-1	1,3-DICHLOROBENZENE	1	5	5	1.7	U	
99-87-6	P-ISOPROPYLTOLUENE	1	5	5	1.7	U	
106-46-7	1,4-DICHLOROBENZENE	1	5	5	1.7	U	
104-51-8	N-BUTYLBENZENE	1	5	5	1.7	U	
95-50-1	1,2-DICHLOROBENZENE	1	5	5	1.7	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	10	10	3.3	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	5	5	1.7	U	
87-68-3	HEXACHLOROBUTADIENE	1	5	5	1.7	U	
91-20-3	NAPHTHALENE	1	5	5	1.7	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	5	5	1.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	55.5		50	111	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	53.6		50	107	61 - 134
2037-26-5	TOLUENE-D8	57.4		50	115	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

Client/Project ID: LC Well 2 4165-040

Lab ID: VL070323-4MMB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18929

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	250	250	83	U	
74-87-3	CHLOROMETHANE	50	250	250	83	U	
75-01-4	VINYL CHLORIDE	50	250	250	83	U	
74-83-9	BROMOMETHANE	50	250	250	83	U	
75-00-3	CHLOROETHANE	50	250	250	83	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	250	250	83	U	
75-35-4	1,1-DICHLOROETHENE	50	250	250	83	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	50	250	250	83	U	
67-64-1	ACETONE	50	780	1000	330	J	
74-88-4	IODOMETHANE	50	250	250	83	U	
75-15-0	CARBON DISULFIDE	50	250	250	83	U	
75-09-2	METHYLENE CHLORIDE	50	250	250	83	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	250	250	83	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	250	250	83	U	
75-34-3	1,1-DICHLOROETHANE	50	250	250	83	U	
108-05-4	VINYL ACETATE	50	1000	1000	170	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	250	250	83	U	
78-93-3	2-BUTANONE	50	1000	1000	330	U	
74-97-5	BROMOCHLOROMETHANE	50	250	250	83	U	
67-66-3	CHLOROFORM	50	250	250	83	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	250	250	83	U	
594-20-7	2,2-DICHLOROPROPANE	50	250	250	83	U	
56-23-5	CARBON TETRACHLORIDE	50	250	250	83	U	
563-58-6	1,1-DICHLOROPROPENE	50	250	250	83	U	
107-06-2	1,2-DICHLOROETHANE	50	250	250	83	U	
71-43-2	BENZENE	50	250	250	83	U	
79-01-6	TRICHLOROETHENE	50	250	250	83	U	
78-87-5	1,2-DICHLOROPROPANE	50	250	250	83	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070323-4MMB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18929

74-95-3	DIBROMOMETHANE	50	250	250	83	U	
75-27-4	BROMODICHLOROMETHANE	50	250	250	83	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	250	250	83	U	
108-10-1	4-METHYL-2-PENTANONE	50	1000	1000	330	U	
108-88-3	TOLUENE	50	250	250	83	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	250	250	83	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	250	250	83	U	
591-78-6	2-HEXANONE	50	1000	1000	330	U	
127-18-4	TETRACHLOROETHENE	50	250	250	83	U	
142-28-9	1,3-DICHLOROPROPANE	50	250	250	83	U	
124-48-1	DIBROMOCHLOROMETHANE	50	250	250	83	U	
106-93-4	1,2-DIBROMOETHANE	50	250	250	83	U	
544-10-5	1-CHLOROHEXANE	50	250	250	83	U	
108-90-7	CHLOROBENZENE	50	250	250	83	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	250	250	83	U	
100-41-4	ETHYLBENZENE	50	250	250	83	U	
136777-61-2	M+P-XYLENE	50	250	250	83	U	
95-47-6	O-XYLENE	50	250	250	83	U	
100-42-5	STYRENE	50	250	250	83	U	
75-25-2	BROMOFORM	50	250	250	83	U	
98-82-8	ISOPROPYLBENZENE	50	250	250	83	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	250	250	83	U	
79-34-5	1,1,1,2-TETRACHLOROETHANE	50	250	250	83	U	
108-86-1	BROMOBENZENE	50	250	250	83	U	
103-65-1	N-PROPYLBENZENE	50	250	250	83	U	
95-49-8	2-CHLOROTOLUENE	50	250	250	83	U	
108-67-8	1,3,5-TRIMETHYLBENZENE	50	250	250	83	U	
106-43-4	4-CHLOROTOLUENE	50	250	250	83	U	
98-06-6	TERT-BUTYLBENZENE	50	250	250	83	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	250	250	83	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

Client/Project ID: LC Well 2 4165-040

Lab ID: VL070323-4MMB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18929

135-98-8	SEC-BUTYLBENZENE	50	250	250	83	U	
541-73-1	1,3-DICHLOROBENZENE	50	250	250	83	U	
99-87-6	P-ISOPROPYLTOLUENE	50	250	250	83	U	
106-46-7	1,4-DICHLOROBENZENE	50	250	250	83	U	
104-51-8	N-BUTYLBENZENE	50	250	250	83	U	
95-50-1	1,2-DICHLOROBENZENE	50	250	250	83	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	500	500	170	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	250	250	83	U	
87-68-3	HEXACHLOROBUTADIENE	50	250	250	83	U	
91-20-3	NAPHTHALENE	50	250	250	83	U	
87-61-6	1,2,3-TRICHLOROBENZENE	50	250	250	83	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2790		2500	112	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2670		2500	107	61 - 134
2037-26-5	TOLUENE-D8	2910		2500	116	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11

Lab ID: 0703142-3

Sample Matrix: SLUDGE

% Moisture: 29.9

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18932

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	360	360	120	U	
74-87-3	CHLOROMETHANE	50	360	360	120	U	
75-01-4	VINYL CHLORIDE	50	360	360	120	U	
74-83-9	BROMOMETHANE	50	360	360	120	U	
75-00-3	CHLOROETHANE	50	360	360	120	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	360	360	120	U	
75-35-4	1,1-DICHLOROETHENE	50	360	360	120	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	360	360	120	U	
67-64-1	ACETONE	50	1100	1400	470	J,B	
74-88-4	IODOMETHANE	50	360	360	120	U	
75-15-0	CARBON DISULFIDE	50	360	360	120	U	
75-09-2	METHYLENE CHLORIDE	50	360	360	120	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	360	360	120	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	360	360	120	U	
75-34-3	1,1-DICHLOROETHANE	50	360	360	120	U	
108-05-4	VINYL ACETATE	50	1400	1400	240	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	360	360	120	U	
78-93-3	2-BUTANONE	50	1400	1400	470	U	
74-97-5	BROMOCHLOROMETHANE	50	360	360	120	U	
67-66-3	CHLOROFORM	50	360	360	120	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	360	360	120	U	
594-20-7	2,2-DICHLOROPROPANE	50	360	360	120	U	
56-23-5	CARBON TETRACHLORIDE	50	360	360	120	U	
563-58-6	1,1-DICHLOROPROPENE	50	360	360	120	U	
107-06-2	1,2-DICHLOROETHANE	50	360	360	120	U	
71-43-2	BENZENE	50	360	360	120	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11

Lab ID: 0703142-3

Sample Matrix: SLUDGE

% Moisture: 29.9

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18932

79-01-6	TRICHLOROETHENE	50	360	360	120	U	
78-87-5	1,2-DICHLOROPROPANE	50	360	360	120	U	
74-95-3	DIBROMOMETHANE	50	360	360	120	U	
75-27-4	BROMODICHLOROMETHANE	50	360	360	120	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	360	360	120	U	
108-10-1	4-METHYL-2-PENTANONE	50	1400	1400	470	U	
108-88-3	TOLUENE	50	1100	360	120		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	360	360	120	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	360	360	120	U	
591-78-6	2-HEXANONE	50	1400	1400	470	U	
127-18-4	TETRACHLOROETHENE	50	360	360	120	U	
142-28-9	1,3-DICHLOROPROPANE	50	360	360	120	U	
124-48-1	DIBROMOCHLOROMETHANE	50	360	360	120	U	
106-93-4	1,2-DIBROMOETHANE	50	360	360	120	U	
544-10-5	1-CHLOROHEXANE	50	360	360	120	U	
108-90-7	CHLOROBENZENE	50	360	360	120	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	360	360	120	U	
100-41-4	ETHYLBENZENE	50	480	360	120		
136777-61-2	M+P-XYLENE	50	3000	360	120		
95-47-6	O-XYLENE	50	870	360	120		
100-42-5	STYRENE	50	360	360	120	U	
75-25-2	BROMOFORM	50	360	360	120	U	
98-82-8	ISOPROPYLBENZENE	50	230	360	120	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	360	360	120	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	360	360	120	U	
108-86-1	BROMOBENZENE	50	360	360	120	U	
103-65-1	N-PROPYLBENZENE	50	440	360	120		
95-49-8	2-CHLOROTOLUENE	50	360	360	120	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
Lab ID: 0703142-3

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 23-Mar-07
Date Analyzed: 23-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4
QCBatchID: VL070323-4-1
Run ID: VL070323-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18932

108-67-8	1,3,5-TRIMETHYLBENZENE	50	970	360	120		
106-43-4	4-CHLOROTOLUENE	50	360	360	120	U	
98-06-6	TERT-BUTYLBENZENE	50	360	360	120	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	2400	360	120		
135-98-8	SEC-BUTYLBENZENE	50	280	360	120	J	
541-73-1	1,3-DICHLOROBENZENE	50	360	360	120	U	
99-87-6	P-ISOPROPYLTOLUENE	50	190	360	120	J	
106-46-7	1,4-DICHLOROBENZENE	50	360	360	120	U	
104-51-8	N-BUTYLBENZENE	50	520	360	120		
95-50-1	1,2-DICHLOROBENZENE	50	360	360	120	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	710	710	240	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	360	360	120	U	
87-68-3	HEXACHLOROBUTADIENE	50	360	360	120	U	
91-20-3	NAPHTHALENE	50	1000	360	120		
87-61-6	1,2,3-TRICHLOROBENZENE	50	360	360	120	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3900		3570	109	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3790		3570	106	61 - 134
2037-26-5	TOLUENE-D8	3770		3570	106	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics
LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09
Lab ID: 0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18934

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	430	430	140	U	
74-87-3	CHLOROMETHANE	50	430	430	140	U	
75-01-4	VINYL CHLORIDE	50	430	430	140	U	
74-83-9	BROMOMETHANE	50	430	430	140	U	
75-00-3	CHLOROETHANE	50	430	430	140	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	430	430	140	U	
75-35-4	1,1-DICHLOROETHENE	50	430	430	140	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	430	430	140	U	
67-64-1	ACETONE	50	1200	1700	570	J,B	
74-88-4	IODOMETHANE	50	430	430	140	U	
75-15-0	CARBON DISULFIDE	50	430	430	140	U	
75-09-2	METHYLENE CHLORIDE	50	430	430	140	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	430	430	140	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	430	430	140	U	
75-34-3	1,1-DICHLOROETHANE	50	430	430	140	U	
108-05-4	VINYL ACETATE	50	1700	1700	280	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	430	430	140	U	
78-93-3	2-BUTANONE	50	1700	1700	570	U	
74-97-5	BROMOCHLOROMETHANE	50	430	430	140	U	
67-66-3	CHLOROFORM	50	430	430	140	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	430	430	140	U	
594-20-7	2,2-DICHLOROPROPANE	50	430	430	140	U	
56-23-5	CARBON TETRACHLORIDE	50	430	430	140	U	
563-58-6	1,1-DICHLOROPROPENE	50	430	430	140	U	
107-06-2	1,2-DICHLOROETHANE	50	430	430	140	U	
71-43-2	BENZENE	50	430	430	140	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09

Lab ID: 0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18934

79-01-6	TRICHLOROETHENE	50	430	430	140	U	
78-87-5	1,2-DICHLOROPROPANE	50	430	430	140	U	
74-95-3	DIBROMOMETHANE	50	430	430	140	U	
75-27-4	BROMODICHLOROMETHANE	50	430	430	140	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	430	430	140	U	
108-10-1	4-METHYL-2-PENTANONE	50	1700	1700	570	U	
108-88-3	TOLUENE	50	1200	430	140		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	430	430	140	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	430	430	140	U	
591-78-6	2-HEXANONE	50	1700	1700	570	U	
127-18-4	TETRACHLOROETHENE	50	430	430	140	U	
142-28-9	1,3-DICHLOROPROPANE	50	430	430	140	U	
124-48-1	DIBROMOCHLOROMETHANE	50	430	430	140	U	
106-93-4	1,2-DIBROMOETHANE	50	430	430	140	U	
544-10-5	1-CHLOROHEXANE	50	430	430	140	U	
108-90-7	CHLOROBENZENE	50	430	430	140	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	430	430	140	U	
100-41-4	ETHYLBENZENE	50	550	430	140		
136777-61-2	M+P-XYLENE	50	3800	430	140		
95-47-6	O-XYLENE	50	1100	430	140		
100-42-5	STYRENE	50	430	430	140	U	
75-25-2	BROMOFORM	50	430	430	140	U	
98-82-8	ISOPROPYLBENZENE	50	250	430	140	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	430	430	140	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	430	430	140	U	
108-86-1	BROMOBENZENE	50	430	430	140	U	
103-65-1	N-PROPYLBENZENE	50	470	430	140		
95-49-8	2-CHLOROTOLUENE	50	430	430	140	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-09
Lab ID:	0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18934

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1100	430	140		
106-43-4	4-CHLOROTOLUENE	50	430	430	140	U	
98-06-6	TERT-BUTYLBENZENE	50	430	430	140	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	2600	430	140		
135-98-8	SEC-BUTYLBENZENE	50	250	430	140	J	
541-73-1	1,3-DICHLOROBENZENE	50	430	430	140	U	
99-87-6	P-ISOPROPYLTOLUENE	50	190	430	140	J	
106-46-7	1,4-DICHLOROBENZENE	50	430	430	140	U	
104-51-8	N-BUTYLBENZENE	50	440	430	140		
95-50-1	1,2-DICHLOROBENZENE	50	430	430	140	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	850	850	280	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	430	430	140	U	
87-68-3	HEXACHLOROBUTADIENE	50	430	430	140	U	
91-20-3	NAPHTHALENE	50	1100	430	140		
87-61-6	1,2,3-TRICHLOROBENZENE	50	430	430	140	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4610		4270	108	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	4530		4270	106	61 - 134
2037-26-5	TOLUENE-D8	4600		4270	108	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18935

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	400	400	130	U	
74-87-3	CHLOROMETHANE	50	400	400	130	U	
75-01-4	VINYL CHLORIDE	50	400	400	130	U	
74-83-9	BROMOMETHANE	50	400	400	130	U	
75-00-3	CHLOROETHANE	50	400	400	130	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	400	400	130	U	
75-35-4	1,1-DICHLOROETHENE	50	400	400	130	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	400	400	130	U	
67-64-1	ACETONE	50	1700	1600	530	B	
74-88-4	IODOMETHANE	50	400	400	130	U	
75-15-0	CARBON DISULFIDE	50	400	400	130	U	
75-09-2	METHYLENE CHLORIDE	50	400	400	130	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	400	400	130	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	400	400	130	U	
75-34-3	1,1-DICHLOROETHANE	50	400	400	130	U	
108-05-4	VINYL ACETATE	50	1600	1600	260	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	400	400	130	U	
78-93-3	2-BUTANONE	50	1600	1600	530	U	
74-97-5	BROMOCHLOROMETHANE	50	400	400	130	U	
67-66-3	CHLOROFORM	50	400	400	130	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	400	400	130	U	
594-20-7	2,2-DICHLOROPROPANE	50	400	400	130	U	
56-23-5	CARBON TETRACHLORIDE	50	400	400	130	U	
563-58-6	1,1-DICHLOROPROPENE	50	400	400	130	U	
107-06-2	1,2-DICHLOROETHANE	50	400	400	130	U	
71-43-2	BENZENE	50	970	400	130		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18935

79-01-6	TRICHLOROETHENE	50	400	400	130	U	
78-87-5	1,2-DICHLOROPROPANE	50	400	400	130	U	
74-95-3	DIBROMOMETHANE	50	400	400	130	U	
75-27-4	BROMODICHLOROMETHANE	50	400	400	130	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	400	400	130	U	
108-10-1	4-METHYL-2-PENTANONE	50	1600	1600	530	U	
108-88-3	TOLUENE	50	4600	400	130		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	400	400	130	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	400	400	130	U	
591-78-6	2-HEXANONE	50	1600	1600	530	U	
127-18-4	TETRACHLOROETHENE	50	400	400	130	U	
142-28-9	1,3-DICHLOROPROPANE	50	400	400	130	U	
124-48-1	DIBROMOCHLOROMETHANE	50	400	400	130	U	
106-93-4	1,2-DIBROMOETHANE	50	400	400	130	U	
544-10-5	1-CHLOROHEXANE	50	400	400	130	U	
108-90-7	CHLOROBENZENE	50	400	400	130	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	400	400	130	U	
100-41-4	ETHYLBENZENE	50	2100	400	130		
136777-61-2	M+P-XYLENE	50	6400	400	130		
95-47-6	O-XYLENE	50	2400	400	130		
100-42-5	STYRENE	50	400	400	130	U	
75-25-2	BROMOFORM	50	400	400	130	U	
98-82-8	ISOPROPYLBENZENE	50	630	400	130		
96-18-4	1,2,3-TRICHLOROPROPANE	50	400	400	130	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	400	400	130	U	
108-86-1	BROMOBENZENE	50	400	400	130	U	
103-65-1	N-PROPYLBENZENE	50	980	400	130		
95-49-8	2-CHLOROTOLUENE	50	400	400	130	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18935

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1800	400	130		
106-43-4	4-CHLOROTOLUENE	50	400	400	130	U	
98-06-6	TERT-BUTYLBENZENE	50	400	400	130	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	4100	400	130		
135-98-8	SEC-BUTYLBENZENE	50	490	400	130		
541-73-1	1,3-DICHLOROBENZENE	50	400	400	130	U	
99-87-6	P-ISOPROPYLTOLUENE	50	320	400	130	J	
106-46-7	1,4-DICHLOROBENZENE	50	400	400	130	U	
104-51-8	N-BUTYLBENZENE	50	630	400	130		
95-50-1	1,2-DICHLOROBENZENE	50	400	400	130	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	790	790	260	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	400	400	130	U	
87-68-3	HEXACHLOROBUTADIENE	50	400	400	130	U	
91-20-3	NAPHTHALENE	50	1400	400	130		
87-61-6	1,2,3-TRICHLOROBENZENE	50	400	400	130	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4220		3950	107	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	4170		3950	106	61 - 134
2037-26-5	TOLUENE-D8	3620		3950	92	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7

Sample Matrix: SLUDGE

% Moisture: 34.4

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QC Batch ID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18936

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	380	380	130	U	
74-87-3	CHLOROMETHANE	50	380	380	130	U	
75-01-4	VINYL CHLORIDE	50	380	380	130	U	
74-83-9	BROMOMETHANE	50	380	380	130	U	
75-00-3	CHLOROETHANE	50	380	380	130	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	380	380	130	U	
75-35-4	1,1-DICHLOROETHENE	50	380	380	130	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	380	380	130	U	
67-64-1	ACETONE	50	1100	1500	510	J,B	
74-88-4	IODOMETHANE	50	380	380	130	U	
75-15-0	CARBON DISULFIDE	50	380	380	130	U	
75-09-2	METHYLENE CHLORIDE	50	380	380	130	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	380	380	130	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	380	380	130	U	
75-34-3	1,1-DICHLOROETHANE	50	380	380	130	U	
108-05-4	VINYL ACETATE	50	1500	1500	250	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	380	380	130	U	
78-93-3	2-BUTANONE	50	1500	1500	510	U	
74-97-5	BROMOCHLOROMETHANE	50	380	380	130	U	
67-66-3	CHLOROFORM	50	380	380	130	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	380	380	130	U	
594-20-7	2,2-DICHLOROPROPANE	50	380	380	130	U	
56-23-5	CARBON TETRACHLORIDE	50	380	380	130	U	
563-58-6	1,1-DICHLOROPROPENE	50	380	380	130	U	
107-06-2	1,2-DICHLOROETHANE	50	380	380	130	U	
71-43-2	BENZENE	50	680	380	130		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07

Lab ID: 0703142-7

Sample Matrix: SLUDGE

% Moisture: 34.4

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18936

79-01-6	TRICHLOROETHENE	50	380	380	130	U	
78-87-5	1,2-DICHLOROPROPANE	50	380	380	130	U	
74-95-3	DIBROMOMETHANE	50	380	380	130	U	
75-27-4	BROMODICHLOROMETHANE	50	380	380	130	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	380	380	130	U	
108-10-1	4-METHYL-2-PENTANONE	50	1500	1500	510	U	
108-88-3	TOLUENE	50	3000	380	130		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	380	380	130	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	380	380	130	U	
591-78-6	2-HEXANONE	50	1500	1500	510	U	
127-18-4	TETRACHLOROETHENE	50	380	380	130	U	
142-28-9	1,3-DICHLOROPROPANE	50	380	380	130	U	
124-48-1	DIBROMOCHLOROMETHANE	50	380	380	130	U	
106-93-4	1,2-DIBROMOETHANE	50	380	380	130	U	
544-10-5	1-CHLOROHEXANE	50	380	380	130	U	
108-90-7	CHLOROBENZENE	50	380	380	130	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	380	380	130	U	
100-41-4	ETHYLBENZENE	50	1600	380	130		
136777-61-2	M+P-XYLENE	50	4000	380	130		
95-47-6	O-XYLENE	50	1600	380	130		
100-42-5	STYRENE	50	380	380	130	U	
75-25-2	BROMOFORM	50	380	380	130	U	
98-82-8	ISOPROPYLBENZENE	50	460	380	130		
96-18-4	1,2,3-TRICHLOROPROPANE	50	380	380	130	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	380	380	130	U	
108-86-1	BROMOBENZENE	50	380	380	130	U	
103-65-1	N-PROPYLBENZENE	50	720	380	130		
95-49-8	2-CHLOROTOLUENE	50	380	380	130	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7

Sample Matrix: SLUDGE

% Moisture: 34.4

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18936

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1100	380	130		
106-43-4	4-CHLOROTOLUENE	50	380	380	130	U	
98-06-6	TERT-BUTYLBENZENE	50	380	380	130	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	3000	380	130		
135-98-8	SEC-BUTYLBENZENE	50	390	380	130		
541-73-1	1,3-DICHLOROBENZENE	50	380	380	130	U	
99-87-6	P-ISOPROPYLTOLUENE	50	340	380	130	J	
106-46-7	1,4-DICHLOROBENZENE	50	380	380	130	U	
104-51-8	N-BUTYLBENZENE	50	590	380	130		
95-50-1	1,2-DICHLOROBENZENE	50	380	380	130	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	760	760	250	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	380	380	130	U	
87-68-3	HEXACHLOROBUTADIENE	50	380	380	130	U	
91-20-3	NAPHTHALENE	50	1300	380	130		
87-61-6	1,2,3-TRICHLOROBENZENE	50	380	380	130	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4060		3810	107	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	4020		3810	106	61 - 134
2037-26-5	TOLUENE-D8	3730		3810	98	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-8

Sample Matrix: SLUDGE

% Moisture: 29.6

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18937

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	360	360	120	U	
74-87-3	CHLOROMETHANE	50	360	360	120	U	
75-01-4	VINYL CHLORIDE	50	360	360	120	U	
74-83-9	BROMOMETHANE	50	360	360	120	U	
75-00-3	CHLOROETHANE	50	360	360	120	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	360	360	120	U	
75-35-4	1,1-DICHLOROETHENE	50	360	360	120	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	360	360	120	U	
67-64-1	ACETONE	50	1100	1400	470	J,B	
74-88-4	IODOMETHANE	50	360	360	120	U	
75-15-0	CARBON DISULFIDE	50	360	360	120	U	
75-09-2	METHYLENE CHLORIDE	50	360	360	120	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	360	360	120	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	360	360	120	U	
75-34-3	1,1-DICHLOROETHANE	50	360	360	120	U	
108-05-4	VINYL ACETATE	50	1400	1400	240	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	360	360	120	U	
78-93-3	2-BUTANONE	50	1400	1400	470	U	
74-97-5	BROMOCHLOROMETHANE	50	360	360	120	U	
67-66-3	CHLOROFORM	50	360	360	120	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	360	360	120	U	
594-20-7	2,2-DICHLOROPROPANE	50	360	360	120	U	
56-23-5	CARBON TETRACHLORIDE	50	360	360	120	U	
563-58-6	1,1-DICHLOROPROPENE	50	360	360	120	U	
107-06-2	1,2-DICHLOROETHANE	50	360	360	120	U	
71-43-2	BENZENE	50	1600	360	120		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06

Lab ID: 0703142-8

Sample Matrix: SLUDGE

% Moisture: 29.6

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18937

79-01-6	TRICHLOROETHENE	50	360	360	120	U	
78-87-5	1,2-DICHLOROPROPANE	50	360	360	120	U	
74-95-3	DIBROMOMETHANE	50	360	360	120	U	
75-27-4	BROMODICHLOROMETHANE	50	360	360	120	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	360	360	120	U	
108-10-1	4-METHYL-2-PENTANONE	50	1400	1400	470	U	
108-88-3	TOLUENE	50	5600	360	120		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	360	360	120	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	360	360	120	U	
591-78-6	2-HEXANONE	50	1400	1400	470	U	
127-18-4	TETRACHLOROETHENE	50	360	360	120	U	
142-28-9	1,3-DICHLOROPROPANE	50	360	360	120	U	
124-48-1	DIBROMOCHLOROMETHANE	50	360	360	120	U	
106-93-4	1,2-DIBROMOETHANE	50	360	360	120	U	
544-10-5	1-CHLOROHEXANE	50	360	360	120	U	
108-90-7	CHLOROBENZENE	50	360	360	120	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	360	360	120	U	
100-41-4	ETHYLBENZENE	50	3700	360	120		
136777-61-2	M+P-XYLENE	50	5000	360	120		
95-47-6	O-XYLENE	50	2100	360	120		
100-42-5	STYRENE	50	360	360	120	U	
75-25-2	BROMOFORM	50	360	360	120	U	
98-82-8	ISOPROPYLBENZENE	50	870	360	120		
96-18-4	1,2,3-TRICHLOROPROPANE	50	360	360	120	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	360	360	120	U	
108-86-1	BROMOBENZENE	50	360	360	120	U	
103-65-1	N-PROPYLBENZENE	50	1400	360	120		
95-49-8	2-CHLOROTOLUENE	50	360	360	120	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06
Lab ID: 0703142-8

Sample Matrix: SLUDGE
% Moisture: 29.6
Date Collected: 12-Mar-07
Date Extracted: 23-Mar-07
Date Analyzed: 23-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4
QCBatchID: VL070323-4-1
Run ID: VL070323-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5g
Final Volume: 5ml
Result Units: ug/kg
Clean DF: 1
File Name: D18937

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1100	360	120		
106-43-4	4-CHLOROTOLUENE	50	360	360	120	U	
98-06-6	TERT-BUTYLBENZENE	50	360	360	120	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	3900	360	120		
135-98-8	SEC-BUTYLBENZENE	50	710	360	120		
541-73-1	1,3-DICHLOROBENZENE	50	360	360	120	U	
99-87-6	P-ISOPROPYLTOLUENE	50	440	360	120		
106-46-7	1,4-DICHLOROBENZENE	50	360	360	120	U	
104-51-8	N-BUTYLBENZENE	50	990	360	120		
95-50-1	1,2-DICHLOROBENZENE	50	360	360	120	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	710	710	240	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	360	360	120	U	
87-68-3	HEXACHLOROBUTADIENE	50	360	360	120	U	
91-20-3	NAPHTHALENE	50	2200	360	120		
87-61-6	1,2,3-TRICHLOROBENZENE	50	360	360	120	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3760		3550	106	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3760		3550	106	61 - 134
2037-26-5	TOLUENE-D8	3200		3550	90	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05

Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18938

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	370	370	120	U	
74-87-3	CHLOROMETHANE	50	370	370	120	U	
75-01-4	VINYL CHLORIDE	50	370	370	120	U	
74-83-9	BROMOMETHANE	50	370	370	120	U	
75-00-3	CHLOROETHANE	50	370	370	120	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	370	370	120	U	
75-35-4	1,1-DICHLOROETHENE	50	370	370	120	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	370	370	120	U	
67-64-1	ACETONE	50	1100	1500	490	J,B	
74-88-4	IODOMETHANE	50	370	370	120	U	
75-15-0	CARBON DISULFIDE	50	370	370	120	U	
75-09-2	METHYLENE CHLORIDE	50	370	370	120	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	370	370	120	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	370	370	120	U	
75-34-3	1,1-DICHLOROETHANE	50	370	370	120	U	
108-05-4	VINYL ACETATE	50	1500	1500	240	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	370	370	120	U	
78-93-3	2-BUTANONE	50	1500	1500	490	U	
74-97-5	BROMOCHLOROMETHANE	50	370	370	120	U	
67-66-3	CHLOROFORM	50	370	370	120	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	370	370	120	U	
594-20-7	2,2-DICHLOROPROPANE	50	370	370	120	U	
56-23-5	CARBON TETRACHLORIDE	50	370	370	120	U	
563-58-6	1,1-DICHLOROPROPENE	50	370	370	120	U	
107-06-2	1,2-DICHLOROETHANE	50	370	370	120	U	
71-43-2	BENZENE	50	1200	370	120		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05

Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18938

79-01-6	TRICHLOROETHENE	50	370	370	120	U	
78-87-5	1,2-DICHLOROPROPANE	50	370	370	120	U	
74-95-3	DIBROMOMETHANE	50	370	370	120	U	
75-27-4	BROMODICHLOROMETHANE	50	370	370	120	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	370	370	120	U	
108-10-1	4-METHYL-2-PENTANONE	50	1500	1500	490	U	
108-88-3	TOLUENE	50	5300	370	120		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	370	370	120	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	370	370	120	U	
591-78-6	2-HEXANONE	50	1500	1500	490	U	
127-18-4	TETRACHLOROETHENE	50	370	370	120	U	
142-28-9	1,3-DICHLOROPROPANE	50	370	370	120	U	
124-48-1	DIBROMOCHLOROMETHANE	50	370	370	120	U	
106-93-4	1,2-DIBROMOETHANE	50	370	370	120	U	
544-10-5	1-CHLOROHEXANE	50	370	370	120	U	
108-90-7	CHLOROBENZENE	50	370	370	120	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	370	370	120	U	
100-41-4	ETHYLBENZENE	50	3000	370	120		
136777-61-2	M+P-XYLENE	50	6600	370	120		
95-47-6	O-XYLENE	50	2500	370	120		
100-42-5	STYRENE	50	370	370	120	U	
75-25-2	BROMOFORM	50	370	370	120	U	
98-82-8	ISOPROPYLBENZENE	50	740	370	120		
96-18-4	1,2,3-TRICHLOROPROPANE	50	370	370	120	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	370	370	120	U	
108-86-1	BROMOBENZENE	50	370	370	120	U	
103-65-1	N-PROPYLBENZENE	50	1200	370	120		
95-49-8	2-CHLOROTOLUENE	50	370	370	120	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05
Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QC Batch ID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18938

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1700	370	120		
106-43-4	4-CHLOROTOLUENE	50	370	370	120	U	
98-06-6	TERT-BUTYLBENZENE	50	370	370	120	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	4300	370	120		
135-98-8	SEC-BUTYLBENZENE	50	560	370	120		
541-73-1	1,3-DICHLOROBENZENE	50	370	370	120	U	
99-87-6	P-ISOPROPYLTOLUENE	50	420	370	120		
106-46-7	1,4-DICHLOROBENZENE	50	370	370	120	U	
104-51-8	N-BUTYLBENZENE	50	800	370	120		
95-50-1	1,2-DICHLOROBENZENE	50	370	370	120	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	730	730	240	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	370	370	120	U	
87-68-3	HEXACHLOROBUTADIENE	50	370	370	120	U	
91-20-3	NAPHTHALENE	50	1800	370	120		
87-61-6	1,2,3-TRICHLOROBENZENE	50	370	370	120	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3780		3660	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3810		3660	104	61 - 134
2037-26-5	TOLUENE-D8	3320		3660	91	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04
Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18939

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	380	380	130	U	
74-87-3	CHLOROMETHANE	50	380	380	130	U	
75-01-4	VINYL CHLORIDE	50	380	380	130	U	
74-83-9	BROMOMETHANE	50	380	380	130	U	
75-00-3	CHLOROETHANE	50	380	380	130	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	380	380	130	U	
75-35-4	1,1-DICHLOROETHENE	50	380	380	130	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	380	380	130	U	
67-64-1	ACETONE	50	1200	1500	510	J,B	
74-88-4	IODOMETHANE	50	380	380	130	U	
75-15-0	CARBON DISULFIDE	50	380	380	130	U	
75-09-2	METHYLENE CHLORIDE	50	380	380	130	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	380	380	130	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	380	380	130	U	
75-34-3	1,1-DICHLOROETHANE	50	380	380	130	U	
108-05-4	VINYL ACETATE	50	1500	1500	250	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	380	380	130	U	
78-93-3	2-BUTANONE	50	1500	1500	510	U	
74-97-5	BROMOCHLOROMETHANE	50	380	380	130	U	
67-66-3	CHLOROFORM	50	380	380	130	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	380	380	130	U	
594-20-7	2,2-DICHLOROPROPANE	50	380	380	130	U	
56-23-5	CARBON TETRACHLORIDE	50	380	380	130	U	
563-58-6	1,1-DICHLOROPROPENE	50	380	380	130	U	
107-06-2	1,2-DICHLOROETHANE	50	380	380	130	U	
71-43-2	BENZENE	50	520	380	130		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04
Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18939

79-01-6	TRICHLOROETHENE	50	380	380	130	U	
78-87-5	1,2-DICHLOROPROPANE	50	380	380	130	U	
74-95-3	DIBROMOMETHANE	50	380	380	130	U	
75-27-4	BROMODICHLOROMETHANE	50	380	380	130	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	380	380	130	U	
108-10-1	4-METHYL-2-PENTANONE	50	1500	1500	510	U	
108-88-3	TOLUENE	50	4600	380	130		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	380	380	130	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	380	380	130	U	
591-78-6	2-HEXANONE	50	1500	1500	510	U	
127-18-4	TETRACHLOROETHENE	50	380	380	130	U	
142-28-9	1,3-DICHLOROPROPANE	50	380	380	130	U	
124-48-1	DIBROMOCHLOROMETHANE	50	380	380	130	U	
106-93-4	1,2-DIBROMOETHANE	50	380	380	130	U	
544-10-5	1-CHLOROHEXANE	50	380	380	130	U	
108-90-7	CHLOROBENZENE	50	380	380	130	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	380	380	130	U	
100-41-4	ETHYLBENZENE	50	3700	380	130		
136777-61-2	M+P-XYLENE	50	5900	380	130		
95-47-6	O-XYLENE	50	2100	380	130		
100-42-5	STYRENE	50	380	380	130	U	
75-25-2	BROMOFORM	50	380	380	130	U	
98-82-8	ISOPROPYLBENZENE	50	690	380	130		
96-18-4	1,2,3-TRICHLOROPROPANE	50	380	380	130	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	380	380	130	U	
108-86-1	BROMOBENZENE	50	380	380	130	U	
103-65-1	N-PROPYLBENZENE	50	1100	380	130		
95-49-8	2-CHLOROTOLUENE	50	380	380	130	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18939

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1200	380	130		
106-43-4	4-CHLOROTOLUENE	50	380	380	130	U	
98-06-6	TERT-BUTYLBENZENE	50	380	380	130	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	3600	380	130		
135-98-8	SEC-BUTYLBENZENE	50	410	380	130		
541-73-1	1,3-DICHLOROBENZENE	50	380	380	130	U	
99-87-6	P-ISOPROPYLTOLUENE	50	340	380	130	J	
106-46-7	1,4-DICHLOROBENZENE	50	380	380	130	U	
104-51-8	N-BUTYLBENZENE	50	640	380	130		
95-50-1	1,2-DICHLOROBENZENE	50	380	380	130	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	760	760	250	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	380	380	130	U	
87-68-3	HEXACHLOROBUTADIENE	50	380	380	130	U	
91-20-3	NAPHTHALENE	50	1400	380	130		
87-61-6	1,2,3-TRICHLOROBENZENE	50	380	380	130	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3810		3800	100	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3940		3800	104	61 - 134
2037-26-5	TOLUENE-D8	3510		3800	92	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-03
Lab ID:	0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18940

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	380	380	130	U	
74-87-3	CHLOROMETHANE	50	380	380	130	U	
75-01-4	VINYL CHLORIDE	50	380	380	130	U	
74-83-9	BROMOMETHANE	50	380	380	130	U	
75-00-3	CHLOROETHANE	50	380	380	130	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	380	380	130	U	
75-35-4	1,1-DICHLOROETHENE	50	380	380	130	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	380	380	130	U	
67-64-1	ACETONE	50	1300	1500	510	J,B	
74-88-4	IODOMETHANE	50	380	380	130	U	
75-15-0	CARBON DISULFIDE	50	380	380	130	U	
75-09-2	METHYLENE CHLORIDE	50	380	380	130	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	380	380	130	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	380	380	130	U	
75-34-3	1,1-DICHLOROETHANE	50	380	380	130	U	
108-05-4	VINYL ACETATE	50	1500	1500	260	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	380	380	130	U	
78-93-3	2-BUTANONE	50	1500	1500	510	U	
74-97-5	BROMOCHLOROMETHANE	50	380	380	130	U	
67-66-3	CHLOROFORM	50	380	380	130	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	380	380	130	U	
594-20-7	2,2-DICHLOROPROPANE	50	380	380	130	U	
56-23-5	CARBON TETRACHLORIDE	50	380	380	130	U	
563-58-6	1,1-DICHLOROPROPENE	50	380	380	130	U	
107-06-2	1,2-DICHLOROETHANE	50	380	380	130	U	
71-43-2	BENZENE	50	500	380	130		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18940

79-01-6	TRICHLOROETHENE	50	380	380	130	U	
78-87-5	1,2-DICHLOROPROPANE	50	380	380	130	U	
74-95-3	DIBROMOMETHANE	50	380	380	130	U	
75-27-4	BROMODICHLOROMETHANE	50	380	380	130	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	380	380	130	U	
108-10-1	4-METHYL-2-PENTANONE	50	1500	1500	510	U	
108-88-3	TOLUENE	50	4600	380	130		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	380	380	130	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	380	380	130	U	
591-78-6	2-HEXANONE	50	1500	1500	510	U	
127-18-4	TETRACHLOROETHENE	50	380	380	130	U	
142-28-9	1,3-DICHLOROPROPANE	50	380	380	130	U	
124-48-1	DIBROMOCHLOROMETHANE	50	380	380	130	U	
106-93-4	1,2-DIBROMOETHANE	50	380	380	130	U	
544-10-5	1-CHLOROHEXANE	50	380	380	130	U	
108-90-7	CHLOROBENZENE	50	380	380	130	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	380	380	130	U	
100-41-4	ETHYLBENZENE	50	3700	380	130		
136777-61-2	M+P-XYLENE	50	5900	380	130		
95-47-6	O-XYLENE	50	2300	380	130		
100-42-5	STYRENE	50	380	380	130	U	
75-25-2	BROMOFORM	50	380	380	130	U	
98-82-8	ISOPROPYLBENZENE	50	640	380	130		
96-18-4	1,2,3-TRICHLOROPROPANE	50	380	380	130	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	380	380	130	U	
108-86-1	BROMOBENZENE	50	380	380	130	U	
103-65-1	N-PROPYLBENZENE	50	1100	380	130		
95-49-8	2-CHLOROTOLUENE	50	380	380	130	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-03
Lab ID:	0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QC Batch ID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18940

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1100	380	130		
106-43-4	4-CHLOROTOLUENE	50	380	380	130	U	
98-06-6	TERT-BUTYLBENZENE	50	380	380	130	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	3600	380	130		
135-98-8	SEC-BUTYLBENZENE	50	400	380	130		
541-73-1	1,3-DICHLOROBENZENE	50	380	380	130	U	
99-87-6	P-ISOPROPYLTOLUENE	50	330	380	130	J	
106-46-7	1,4-DICHLOROBENZENE	50	380	380	130	U	
104-51-8	N-BUTYLBENZENE	50	630	380	130		
95-50-1	1,2-DICHLOROBENZENE	50	380	380	130	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	770	770	260	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	380	380	130	U	
87-68-3	HEXACHLOROBUTADIENE	50	380	380	130	U	
91-20-3	NAPHTHALENE	50	1500	380	130		
87-61-6	1,2,3-TRICHLOROBENZENE	50	380	380	130	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3970		3840	104	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3990		3840	104	61 - 134
2037-26-5	TOLUENE-D8	3530		3840	92	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18941

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	360	360	120	U	
74-87-3	CHLOROMETHANE	50	360	360	120	U	
75-01-4	VINYL CHLORIDE	50	360	360	120	U	
74-83-9	BROMOMETHANE	50	360	360	120	U	
75-00-3	CHLOROETHANE	50	360	360	120	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	360	360	120	U	
75-35-4	1,1-DICHLOROETHENE	50	360	360	120	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	360	360	120	U	
67-64-1	ACETONE	50	1000	1500	480	J,B	
74-88-4	IODOMETHANE	50	360	360	120	U	
75-15-0	CARBON DISULFIDE	50	360	360	120	U	
75-09-2	METHYLENE CHLORIDE	50	360	360	120	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	360	360	120	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	360	360	120	U	
75-34-3	1,1-DICHLOROETHANE	50	360	360	120	U	
108-05-4	VINYL ACETATE	50	1500	1500	240	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	360	360	120	U	
78-93-3	2-BUTANONE	50	1500	1500	480	U	
74-97-5	BROMOCHLOROMETHANE	50	360	360	120	U	
67-66-3	CHLOROFORM	50	360	360	120	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	360	360	120	U	
594-20-7	2,2-DICHLOROPROPANE	50	360	360	120	U	
56-23-5	CARBON TETRACHLORIDE	50	360	360	120	U	
563-58-6	1,1-DICHLOROPROPENE	50	360	360	120	U	
107-06-2	1,2-DICHLOROETHANE	50	360	360	120	U	
71-43-2	BENZENE	50	380	360	120		

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02
Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18941

79-01-6	TRICHLOROETHENE	50	360	360	120	U	
78-87-5	1,2-DICHLOROPROPANE	50	360	360	120	U	
74-95-3	DIBROMOMETHANE	50	360	360	120	U	
75-27-4	BROMODICHLOROMETHANE	50	360	360	120	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	360	360	120	U	
108-10-1	4-METHYL-2-PENTANONE	50	1500	1500	480	U	
108-88-3	TOLUENE	50	2000	360	120		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	360	360	120	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	360	360	120	U	
591-78-6	2-HEXANONE	50	1500	1500	480	U	
127-18-4	TETRACHLOROETHENE	50	360	360	120	U	
142-28-9	1,3-DICHLOROPROPANE	50	360	360	120	U	
124-48-1	DIBROMOCHLOROMETHANE	50	360	360	120	U	
106-93-4	1,2-DIBROMOETHANE	50	360	360	120	U	
544-10-5	1-CHLOROHEXANE	50	360	360	120	U	
108-90-7	CHLOROBENZENE	50	360	360	120	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	360	360	120	U	
100-41-4	ETHYLBENZENE	50	1100	360	120		
136777-61-2	M+P-XYLENE	50	2800	360	120		
95-47-6	O-XYLENE	50	1200	360	120		
100-42-5	STYRENE	50	360	360	120	U	
75-25-2	BROMOFORM	50	360	360	120	U	
98-82-8	ISOPROPYLBENZENE	50	330	360	120	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	360	360	120	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	360	360	120	U	
108-86-1	BROMOBENZENE	50	360	360	120	U	
103-65-1	N-PROPYLBENZENE	50	470	360	120		
95-49-8	2-CHLOROTOLUENE	50	360	360	120	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18941

108-67-8	1,3,5-TRIMETHYLBENZENE	50	770	360	120		
106-43-4	4-CHLOROTOLUENE	50	360	360	120	U	
98-06-6	TERT-BUTYLBENZENE	50	360	360	120	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	2000	360	120		
135-98-8	SEC-BUTYLBENZENE	50	260	360	120	J	
541-73-1	1,3-DICHLOROBENZENE	50	360	360	120	U	
99-87-6	P-ISOPROPYLTOLUENE	50	170	360	120	J	
106-46-7	1,4-DICHLOROBENZENE	50	360	360	120	U	
104-51-8	N-BUTYLBENZENE	50	400	360	120		
95-50-1	1,2-DICHLOROBENZENE	50	360	360	120	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	730	730	240	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	360	360	120	U	
87-68-3	HEXACHLOROBUTADIENE	50	360	360	120	U	
91-20-3	NAPHTHALENE	50	1000	360	120		
87-61-6	1,2,3-TRICHLOROBENZENE	50	360	360	120	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3750		3630	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3830		3630	105	61 - 134
2037-26-5	TOLUENE-D8	3620		3630	100	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QC Batch ID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18942

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	340	340	110	U	
74-87-3	CHLOROMETHANE	50	340	340	110	U	
75-01-4	VINYL CHLORIDE	50	340	340	110	U	
74-83-9	BROMOMETHANE	50	340	340	110	U	
75-00-3	CHLOROETHANE	50	340	340	110	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	340	340	110	U	
75-35-4	1,1-DICHLOROETHENE	50	340	340	110	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	340	340	110	U	
67-64-1	ACETONE	50	1100	1400	460	J,B	
74-88-4	IODOMETHANE	50	340	340	110	U	
75-15-0	CARBON DISULFIDE	50	340	340	110	U	
75-09-2	METHYLENE CHLORIDE	50	340	340	110	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	340	340	110	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	340	340	110	U	
75-34-3	1,1-DICHLOROETHANE	50	340	340	110	U	
108-05-4	VINYL ACETATE	50	1400	1400	230	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	340	340	110	U	
78-93-3	2-BUTANONE	50	1400	1400	460	U	
74-97-5	BROMOCHLOROMETHANE	50	340	340	110	U	
67-66-3	CHLOROFORM	50	340	340	110	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	340	340	110	U	
594-20-7	2,2-DICHLOROPROPANE	50	340	340	110	U	
56-23-5	CARBON TETRACHLORIDE	50	340	340	110	U	
563-58-6	1,1-DICHLOROPROPENE	50	340	340	110	U	
107-06-2	1,2-DICHLOROETHANE	50	340	340	110	U	
71-43-2	BENZENE	50	340	340	110	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18942

79-01-6	TRICHLOROETHENE	50	340	340	110	U	
78-87-5	1,2-DICHLOROPROPANE	50	340	340	110	U	
74-95-3	DIBROMOMETHANE	50	340	340	110	U	
75-27-4	BROMODICHLOROMETHANE	50	340	340	110	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	340	340	110	U	
108-10-1	4-METHYL-2-PENTANONE	50	1400	1400	460	U	
108-88-3	TOLUENE	50	160	340	110	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	340	340	110	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	340	340	110	U	
591-78-6	2-HEXANONE	50	1400	1400	460	U	
127-18-4	TETRACHLOROETHENE	50	340	340	110	U	
142-28-9	1,3-DICHLOROPROPANE	50	340	340	110	U	
124-48-1	DIBROMOCHLOROMETHANE	50	340	340	110	U	
106-93-4	1,2-DIBROMOETHANE	50	340	340	110	U	
544-10-5	1-CHLOROHEXANE	50	340	340	110	U	
108-90-7	CHLOROBENZENE	50	340	340	110	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	340	340	110	U	
100-41-4	ETHYLBENZENE	50	340	340	110	U	
136777-61-2	M+P-XYLENE	50	570	340	110		
95-47-6	O-XYLENE	50	450	340	110		
100-42-5	STYRENE	50	340	340	110	U	
75-25-2	BROMOFORM	50	340	340	110	U	
98-82-8	ISOPROPYLBENZENE	50	340	340	110	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	340	340	110	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	340	340	110	U	
108-86-1	BROMOBENZENE	50	340	340	110	U	
103-65-1	N-PROPYLBENZENE	50	340	340	110	U	
95-49-8	2-CHLOROTOLUENE	50	340	340	110	U	

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 23-Mar-07

Date Analyzed: 23-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18942

108-67-8	1,3,5-TRIMETHYLBENZENE	50	570	340	110		
106-43-4	4-CHLOROTOLUENE	50	340	340	110	U	
98-06-6	TERT-BUTYLBENZENE	50	340	340	110	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	670	340	110		
135-98-8	SEC-BUTYLBENZENE	50	340	340	110	U	
541-73-1	1,3-DICHLOROBENZENE	50	340	340	110	U	
99-87-6	P-ISOPROPYLTOLUENE	50	130	340	110	J	
106-46-7	1,4-DICHLOROBENZENE	50	340	340	110	U	
104-51-8	N-BUTYLBENZENE	50	110	340	110	J	
95-50-1	1,2-DICHLOROBENZENE	50	340	340	110	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	690	690	230	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	340	340	110	U	
87-68-3	HEXACHLOROBUTADIENE	50	340	340	110	U	
91-20-3	NAPHTHALENE	50	380	340	110		
87-61-6	1,2,3-TRICHLOROBENZENE	50	340	340	110	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3590		3440	104	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3550		3440	103	61 - 134
2037-26-5	TOLUENE-D8	3800		3440	111	57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070324-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18960

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	5	5	1.7	U	
74-87-3	CHLOROMETHANE	1	5	5	1.7	U	
75-01-4	VINYL CHLORIDE	1	5	5	1.7	U	
74-83-9	BROMOMETHANE	1	5	5	1.7	U	
75-00-3	CHLOROETHANE	1	5	5	1.7	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	5	5	1.7	U	
75-35-4	1,1-DICHLOROETHENE	1	5	5	1.7	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	1	5	5	1.7	U	
67-64-1	ACETONE	1	20	20	6.7	U	
74-88-4	IODOMETHANE	1	5	5	1.7	U	
75-15-0	CARBON DISULFIDE	1	5	5	1.7	U	
75-09-2	METHYLENE CHLORIDE	1	5	5	1.7	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	5	5	1.7	U	
75-34-3	1,1-DICHLOROETHANE	1	5	5	1.7	U	
108-05-4	VINYL ACETATE	1	20	20	3.3	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	5	5	1.7	U	
78-93-3	2-BUTANONE	1	20	20	6.7	U	
74-97-5	BROMOCHLOROMETHANE	1	5	5	1.7	U	
67-66-3	CHLOROFORM	1	5	5	1.7	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	5	5	1.7	U	
594-20-7	2,2-DICHLOROPROPANE	1	5	5	1.7	U	
56-23-5	CARBON TETRACHLORIDE	1	5	5	1.7	U	
563-58-6	1,1-DICHLOROPROPENE	1	5	5	1.7	U	
107-06-2	1,2-DICHLOROETHANE	1	5	5	1.7	U	
71-43-2	BENZENE	1	5	5	1.7	U	
79-01-6	TRICHLOROETHENE	1	5	5	1.7	U	
78-87-5	1,2-DICHLOROPROPANE	1	5	5	1.7	U	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070324-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18960

74-95-3	DIBROMOMETHANE	1	5	5	1.7	U
75-27-4	BROMODICHLOROMETHANE	1	5	5	1.7	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	5	5	1.7	U
108-10-1	4-METHYL-2-PENTANONE	1	20	20	6.7	U
108-88-3	TOLUENE	1	5	5	1.7	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	5	5	1.7	U
79-00-5	1,1,2-TRICHLOROETHANE	1	5	5	1.7	U
591-78-6	2-HEXANONE	1	20	20	6.7	U
127-18-4	TETRACHLOROETHENE	1	5	5	1.7	U
142-28-9	1,3-DICHLOROPROPANE	1	5	5	1.7	U
124-48-1	DIBROMOCHLOROMETHANE	1	5	5	1.7	U
106-93-4	1,2-DIBROMOETHANE	1	5	5	1.7	U
544-10-5	1-CHLOROHEXANE	1	5	5	1.7	U
108-90-7	CHLOROBENZENE	1	5	5	1.7	U
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U
100-41-4	ETHYLBENZENE	1	5	5	1.7	U
136777-61-2	M+P-XYLENE	1	5	5	1.7	U
95-47-6	O-XYLENE	1	5	5	1.7	U
100-42-5	STYRENE	1	5	5	1.7	U
75-25-2	BROMOFORM	1	5	5	1.7	U
98-82-8	ISOPROPYLBENZENE	1	5	5	1.7	U
96-18-4	1,2,3-TRICHLOROPROPANE	1	5	5	1.7	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	5	5	1.7	U
108-86-1	BROMOBENZENE	1	5	5	1.7	U
103-65-1	N-PROPYLBENZENE	1	5	5	1.7	U
95-49-8	2-CHLOROTOLUENE	1	5	5	1.7	U
108-67-8	1,3,5-TRIMETHYLBENZENE	1	5	5	1.7	U
106-43-4	4-CHLOROTOLUENE	1	5	5	1.7	U
98-06-6	TERT-BUTYLBENZENE	1	5	5	1.7	U
95-63-6	1,2,4-TRIMETHYLBENZENE	1	5	5	1.7	U

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070324-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18960

135-98-8	SEC-BUTYLBENZENE	1	5	5	1.7	U	
541-73-1	1,3-DICHLOROBENZENE	1	5	5	1.7	U	
99-87-6	P-ISOPROPYLTOLUENE	1	5	5	1.7	U	
106-46-7	1,4-DICHLOROBENZENE	1	5	5	1.7	U	
104-51-8	N-BUTYLBENZENE	1	5	5	1.7	U	
95-50-1	1,2-DICHLOROBENZENE	1	5	5	1.7	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	10	10	3.3	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	5	5	1.7	U	
87-68-3	HEXACHLOROBUTADIENE	1	5	5	1.7	U	
91-20-3	NAPHTHALENE	1	5	5	1.7	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	5	5	1.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	53.7		50	107	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	52.6		50	105	61 - 134
2037-26-5	TOLUENE-D8	58.4		50	117	57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18974

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	10	63	63	21	U	
74-87-3	CHLOROMETHANE	10	63	63	21	U	
75-01-4	VINYL CHLORIDE	10	63	63	21	U	
74-83-9	BROMOMETHANE	10	63	63	21	U	
75-00-3	CHLOROETHANE	10	63	63	21	U	
75-69-4	TRICHLOROFLUOROMETHANE	10	63	63	21	U	
75-35-4	1,1-DICHLOROETHENE	10	63	63	21	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	10	63	63	21	U	
67-64-1	ACETONE	10	130	250	84	J	
74-88-4	IODOMETHANE	10	63	63	21	U	
75-15-0	CARBON DISULFIDE	10	63	63	21	U	
75-09-2	METHYLENE CHLORIDE	10	63	63	21	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	10	63	63	21	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	10	63	63	21	U	
75-34-3	1,1-DICHLOROETHANE	10	63	63	21	U	
108-05-4	VINYL ACETATE	10	250	250	42	U	
156-59-2	CIS-1,2-DICHLOROETHENE	10	63	63	21	U	
78-93-3	2-BUTANONE	10	250	250	84	U	
74-97-5	BROMOCHLOROMETHANE	10	63	63	21	U	
67-66-3	CHLOROFORM	10	63	63	21	U	
71-55-6	1,1,1-TRICHLOROETHANE	10	63	63	21	U	
594-20-7	2,2-DICHLOROPROPANE	10	63	63	21	U	
56-23-5	CARBON TETRACHLORIDE	10	63	63	21	U	
563-58-6	1,1-DICHLOROPROPENE	10	63	63	21	U	
107-06-2	1,2-DICHLOROETHANE	10	63	63	21	U	
71-43-2	BENZENE	10	39	63	21	J	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18974

79-01-6	TRICHLOROETHENE	10	63	63	21	U	
78-87-5	1,2-DICHLOROPROPANE	10	63	63	21	U	
74-95-3	DIBROMOMETHANE	10	63	63	21	U	
75-27-4	BROMODICHLOROMETHANE	10	63	63	21	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	63	63	21	U	
108-10-1	4-METHYL-2-PENTANONE	10	250	250	84	U	
108-88-3	TOLUENE	10	490	63	21		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	63	63	21	U	
79-00-5	1,1,2-TRICHLOROETHANE	10	63	63	21	U	
591-78-6	2-HEXANONE	10	250	250	84	U	
127-18-4	TETRACHLOROETHENE	10	63	63	21	U	
142-28-9	1,3-DICHLOROPROPANE	10	63	63	21	U	
124-48-1	DIBROMOCHLOROMETHANE	10	63	63	21	U	
106-93-4	1,2-DIBROMOETHANE	10	63	63	21	U	
544-10-5	1-CHLOROHEXANE	10	63	63	21	U	
108-90-7	CHLOROBENZENE	10	63	63	21	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	63	63	21	U	
100-41-4	ETHYLBENZENE	10	220	63	21		
136777-61-2	M+P-XYLENE	10	1400	63	21		
95-47-6	O-XYLENE	10	410	63	21		
100-42-5	STYRENE	10	63	63	21	U	
75-25-2	BROMOFORM	10	63	63	21	U	
98-82-8	ISOPROPYLBENZENE	10	86	63	21		
96-18-4	1,2,3-TRICHLOROPROPANE	10	63	63	21	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	63	63	21	U	
108-86-1	BROMOBENZENE	10	63	63	21	U	
103-65-1	N-PROPYLBENZENE	10	180	63	21		
95-49-8	2-CHLOROTOLUENE	10	63	63	21	U	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18974

108-67-8	1,3,5-TRIMETHYLBENZENE	10	430	63	21		
106-43-4	4-CHLOROTOLUENE	10	63	63	21	U	
98-06-6	TERT-BUTYLBENZENE	10	63	63	21	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	10	990	63	21		
135-98-8	SEC-BUTYLBENZENE	10	93	63	21		
541-73-1	1,3-DICHLOROBENZENE	10	63	63	21	U	
99-87-6	P-ISOPROPYLTOLUENE	10	69	63	21		
106-46-7	1,4-DICHLOROBENZENE	10	63	63	21	U	
104-51-8	N-BUTYLBENZENE	10	150	63	21		
95-50-1	1,2-DICHLOROBENZENE	10	63	63	21	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	130	130	42	U	
120-82-1	1,2,4-TRICHLOROBENZENE	10	63	63	21	U	
87-68-3	HEXACHLOROBUTADIENE	10	63	63	21	U	
91-20-3	NAPHTHALENE	10	360	63	21		
87-61-6	1,2,3-TRICHLOROBENZENE	10	63	63	21	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	680		629	108	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	683		629	108	61 - 134
2037-26-5	TOLUENE-D8	660		629	105	57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18975

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	10	77	77	26	U	
74-87-3	CHLOROMETHANE	10	77	77	26	U	
75-01-4	VINYL CHLORIDE	10	77	77	26	U	
74-83-9	BROMOMETHANE	10	77	77	26	U	
75-00-3	CHLOROETHANE	10	77	77	26	U	
75-69-4	TRICHLOROFLUOROMETHANE	10	77	77	26	U	
75-35-4	1,1-DICHLOROETHENE	10	77	77	26	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	10	77	77	26	U	
67-64-1	ACETONE	10	260	310	100	J	
74-88-4	IODOMETHANE	10	77	77	26	U	
75-15-0	CARBON DISULFIDE	10	77	77	26	U	
75-09-2	METHYLENE CHLORIDE	10	77	77	26	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	10	77	77	26	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	10	77	77	26	U	
75-34-3	1,1-DICHLOROETHANE	10	77	77	26	U	
108-05-4	VINYL ACETATE	10	310	310	51	U	
156-59-2	CIS-1,2-DICHLOROETHENE	10	77	77	26	U	
78-93-3	2-BUTANONE	10	310	310	100	U	
74-97-5	BROMOCHLOROMETHANE	10	77	77	26	U	
67-66-3	CHLOROFORM	10	77	77	26	U	
71-55-6	1,1,1-TRICHLOROETHANE	10	77	77	26	U	
594-20-7	2,2-DICHLOROPROPANE	10	77	77	26	U	
56-23-5	CARBON TETRACHLORIDE	10	77	77	26	U	
563-58-6	1,1-DICHLOROPROPENE	10	77	77	26	U	
107-06-2	1,2-DICHLOROETHANE	10	77	77	26	U	
71-43-2	BENZENE	10	37	77	26	J	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10
Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QC Batch ID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: .5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18975

79-01-6	TRICHLOROETHENE	10	77	77	26	U	
78-87-5	1,2-DICHLOROPROPANE	10	77	77	26	U	
74-95-3	DIBROMOMETHANE	10	77	77	26	U	
75-27-4	BROMODICHLOROMETHANE	10	77	77	26	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	77	77	26	U	
108-10-1	4-METHYL-2-PENTANONE	10	310	310	100	U	
108-88-3	TOLUENE	10	470	77	26		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	77	77	26	U	
79-00-5	1,1,2-TRICHLOROETHANE	10	77	77	26	U	
591-78-6	2-HEXANONE	10	310	310	100	U	
127-18-4	TETRACHLOROETHENE	10	77	77	26	U	
142-28-9	1,3-DICHLOROPROPANE	10	77	77	26	U	
124-48-1	DIBROMOCHLOROMETHANE	10	77	77	26	U	
106-93-4	1,2-DIBROMOETHANE	10	77	77	26	U	
544-10-5	1-CHLOROHEXANE	10	77	77	26	U	
108-90-7	CHLOROBENZENE	10	77	77	26	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	77	77	26	U	
100-41-4	ETHYLBENZENE	10	260	77	26		
136777-61-2	M+P-XYLENE	10	1200	77	26		
95-47-6	O-XYLENE	10	420	77	26		
100-42-5	STYRENE	10	77	77	26	U	
75-25-2	BROMOFORM	10	77	77	26	U	
98-82-8	ISOPROPYLBENZENE	10	120	77	26		
96-18-4	1,2,3-TRICHLOROPROPANE	10	77	77	26	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	77	77	26	U	
108-86-1	BROMOBENZENE	10	77	77	26	U	
103-65-1	N-PROPYLBENZENE	10	250	77	26		
95-49-8	2-CHLOROTOLUENE	10	77	77	26	U	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18975

108-67-8	1,3,5-TRIMETHYLBENZENE	10	500	77	26		
106-43-4	4-CHLOROTOLUENE	10	77	77	26	U	
98-06-6	TERT-BUTYLBENZENE	10	77	77	26	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	10	1400	77	26		
135-98-8	SEC-BUTYLBENZENE	10	190	77	26		
541-73-1	1,3-DICHLOROBENZENE	10	77	77	26	U	
99-87-6	P-ISOPROPYLTOLUENE	10	120	77	26		
106-46-7	1,4-DICHLOROBENZENE	10	77	77	26	U	
104-51-8	N-BUTYLBENZENE	10	340	77	26		
95-50-1	1,2-DICHLOROBENZENE	10	77	77	26	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	150	150	51	U	
120-82-1	1,2,4-TRICHLOROBENZENE	10	77	77	26	U	
87-68-3	HEXACHLOROBUTADIENE	10	77	77	26	U	
91-20-3	NAPHTHALENE	10	750	77	26		
87-61-6	1,2,3-TRICHLOROBENZENE	10	77	77	26	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	807		770	105	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	810		770	105	61 - 134
2037-26-5	TOLUENE-D8	736		770	96	57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
Lab ID: 0703142-13RR1

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QC Batch ID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18971

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	10	69	69	23	U	
74-87-3	CHLOROMETHANE	10	69	69	23	U	
75-01-4	VINYL CHLORIDE	10	69	69	23	U	
74-83-9	BROMOMETHANE	10	69	69	23	U	
75-00-3	CHLOROETHANE	10	69	69	23	U	
75-69-4	TRICHLOROFLUOROMETHANE	10	69	69	23	U	
75-35-4	1,1-DICHLOROETHENE	10	69	69	23	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	10	69	69	23	U	
67-64-1	ACETONE	10	290	270	92		
74-88-4	IODOMETHANE	10	69	69	23	U	
75-15-0	CARBON DISULFIDE	10	27	69	23	J	
75-09-2	METHYLENE CHLORIDE	10	69	69	23	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	10	69	69	23	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	10	69	69	23	U	
75-34-3	1,1-DICHLOROETHANE	10	69	69	23	U	
108-05-4	VINYL ACETATE	10	270	270	46	U	
156-59-2	CIS-1,2-DICHLOROETHENE	10	69	69	23	U	
78-93-3	2-BUTANONE	10	270	270	92	U	
74-97-5	BROMOCHLOROMETHANE	10	69	69	23	U	
67-66-3	CHLOROFORM	10	69	69	23	U	
71-55-6	1,1,1-TRICHLOROETHANE	10	69	69	23	U	
594-20-7	2,2-DICHLOROPROPANE	10	69	69	23	U	
56-23-5	CARBON TETRACHLORIDE	10	69	69	23	U	
563-58-6	1,1-DICHLOROPROPENE	10	69	69	23	U	
107-06-2	1,2-DICHLOROETHANE	10	69	69	23	U	
71-43-2	BENZENE	10	25	69	23	J	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13RR1

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18971

79-01-6	TRICHLOROETHENE	10	69	69	23	U	
78-87-5	1,2-DICHLOROPROPANE	10	69	69	23	U	
74-95-3	DIBROMOMETHANE	10	69	69	23	U	
75-27-4	BROMODICHLOROMETHANE	10	69	69	23	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	69	69	23	U	
108-10-1	4-METHYL-2-PENTANONE	10	270	270	92	U	
108-88-3	TOLUENE	10	80	69	23		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	69	69	23	U	
79-00-5	1,1,2-TRICHLOROETHANE	10	69	69	23	U	
591-78-6	2-HEXANONE	10	270	270	92	U	
127-18-4	TETRACHLOROETHENE	10	69	69	23	U	
142-28-9	1,3-DICHLOROPROPANE	10	69	69	23	U	
124-48-1	DIBROMOCHLOROMETHANE	10	69	69	23	U	
106-93-4	1,2-DIBROMOETHANE	10	69	69	23	U	
544-10-5	1-CHLOROHEXANE	10	69	69	23	U	
108-90-7	CHLOROBENZENE	10	69	69	23	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	69	69	23	U	
100-41-4	ETHYLBENZENE	10	42	69	23	J	
136777-61-2	M+P-XYLENE	10	340	69	23		
95-47-6	O-XYLENE	10	190	69	23		
100-42-5	STYRENE	10	69	69	23	U	
75-25-2	BROMOFORM	10	69	69	23	U	
98-82-8	ISOPROPYLBENZENE	10	26	69	23	J	
96-18-4	1,2,3-TRICHLOROPROPANE	10	69	69	23	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	69	69	23	U	
108-86-1	BROMOBENZENE	10	69	69	23	U	
103-65-1	N-PROPYLBENZENE	10	53	69	23	J	
95-49-8	2-CHLOROTOLUENE	10	69	69	23	U	

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13RR1

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18971

108-67-8	1,3,5-TRIMETHYLBENZENE	10	470	69	23		
106-43-4	4-CHLOROTOLUENE	10	69	69	23	U	
98-06-6	TERT-BUTYLBENZENE	10	69	69	23	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	10	510	69	23		
135-98-8	SEC-BUTYLBENZENE	10	58	69	23	J	
541-73-1	1,3-DICHLOROBENZENE	10	69	69	23	U	
99-87-6	P-ISOPROPYLTOLUENE	10	90	69	23		
106-46-7	1,4-DICHLOROBENZENE	10	69	69	23	U	
104-51-8	N-BUTYLBENZENE	10	69	69	23		
95-50-1	1,2-DICHLOROBENZENE	10	69	69	23	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	140	140	46	U	
120-82-1	1,2,4-TRICHLOROBENZENE	10	69	69	23	U	
87-68-3	HEXACHLOROBUTADIENE	10	69	69	23	U	
91-20-3	NAPHTHALENE	10	200	69	23		
87-61-6	1,2,3-TRICHLOROBENZENE	10	69	69	23	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	815		687	119	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	657		687	96	61 - 134
2037-26-5	TOLUENE-D8	687		687	100	57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070317-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/17/2007

Date Analyzed: 03/17/2007

Prep Method: SW5030C

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44162

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	22	5		110	68 - 130%
71-43-2	BENZENE	20	20.3	5		101	81 - 122%
79-01-6	TRICHLOROETHENE	20	19.6	5		98	70 - 127%
108-88-3	TOLUENE	20	19.6	5		98	77 - 122%
108-90-7	CHLOROBENZENE	20	19.7	5		98	81 - 122%

Lab ID: VL070317-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/17/2007

Date Analyzed: 03/17/2007

Prep Method: SW5030C

Prep Batch: VL070317-2

QCBatchID: VL070317-2-3

Run ID: VL070317-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B44163

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	20.6	5		103	20	7
71-43-2	BENZENE	20	19.7	5		99	20	3
79-01-6	TRICHLOROETHENE	20	19	5		95	20	3
108-88-3	TOLUENE	20	20.2	5		101	20	3
108-90-7	CHLOROBENZENE	20	19.9	5		100	20	1

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	50	97		100		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	50	99		97		79 - 120
2037-26-5	TOLUENE-D8	50	100		104		83 - 120

Data Package ID: VL0703142-1

Date Printed: Thursday, March 29, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070328-3LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/28/2007

Date Analyzed: 03/28/2007

Prep Method: SW5030C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03734

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.02	0.0216	0.005		108	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.02	0.0215	0.005		108	68 - 130%
78-93-3	2-BUTANONE	0.08	0.0966	0.02		121	32 - 150%
67-66-3	CHLOROFORM	0.02	0.0201	0.005		100	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.02	0.0209	0.005		104	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.02	0.0215	0.005		107	69 - 132%
71-43-2	BENZENE	0.02	0.02	0.005		100	81 - 122%
79-01-6	TRICHLOROETHENE	0.02	0.0202	0.005		101	70 - 127%
127-18-4	TETRACHLOROETHENE	0.02	0.0201	0.005		100	44 - 149%
108-90-7	CHLOROBENZENE	0.02	0.0209	0.005		104	81 - 122%

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070328-3LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/28/2007

Date Analyzed: 03/28/2007

Prep Method: SW5030C

Prep Batch: VL070328-3

QC Batch ID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: C03736

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.02	0.0212	0.005		106	20	2
75-35-4	1,1-DICHLOROETHENE	0.02	0.0222	0.005		111	20	3
78-93-3	2-BUTANONE	0.08	0.122	0.02	*	152	30	23
67-66-3	CHLOROFORM	0.02	0.0207	0.005		104	20	3
56-23-5	CARBON TETRACHLORIDE	0.02	0.0209	0.005		104	20	0
107-06-2	1,2-DICHLOROETHANE	0.02	0.0225	0.005		113	20	5
71-43-2	BENZENE	0.02	0.021	0.005		105	20	5
79-01-6	TRICHLOROETHENE	0.02	0.0216	0.005		108	20	7
127-18-4	TETRACHLOROETHENE	0.02	0.0213	0.005		107	20	6
108-90-7	CHLOROBENZENE	0.02	0.023	0.005		115	20	10

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.05	87		80		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.05	84		85		79 - 120
2037-26-5	TOLUENE-D8	0.05	84		83		83 - 120

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

LabID: 0703142-25MS

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 12-Mar-07

Date Extracted: 28-Mar-07

Date Analyzed: 29-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070328-3

QCBatchID: VL070328-3-1

Run ID: VL070328-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

File Name: C03751

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.025	U	0.104		0.025	0.1	104	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.025	U	0.116		0.025	0.1	116	68 - 130%
78-93-3	2-BUTANONE	0.1	U	0.487		0.1	0.4	122	32 - 150%
67-66-3	CHLOROFORM	0.025	U	0.106		0.025	0.1	106	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.025	U	0.106		0.025	0.1	106	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.025	U	0.11		0.025	0.1	110	69 - 132%
71-43-2	BENZENE	0.025	U	0.109		0.025	0.1	109	81 - 122%
79-01-6	TRICHLOROETHENE	0.025	U	0.105		0.025	0.1	105	70 - 127%
127-18-4	TETRACHLOROETHENE	0.025	U	0.105		0.025	0.1	105	44 - 149%
108-90-7	CHLOROBENZENE	0.025	U	0.11		0.025	0.1	110	81 - 122%

Data Package ID: VL0703142-2

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
 LabID: 0703142-25MSD

LEACH DATE: 3/22/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 12-Mar-07
 Date Extracted: 28-Mar-07
 Date Analyzed: 29-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070328-3
 QCBatchID: VL070328-3-1
 Run ID: VL070328-3A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 File Name: C03752

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.108		0.1	108	0.025	20	4
75-35-4	1,1-DICHLOROETHENE	0.112		0.1	112	0.025	20	3
78-93-3	2-BUTANONE	0.463		0.4	116	0.1	30	5
67-66-3	CHLOROFORM	0.102		0.1	102	0.025	20	4
56-23-5	CARBON TETRACHLORIDE	0.104		0.1	104	0.025	20	2
107-06-2	1,2-DICHLOROETHANE	0.103		0.1	103	0.025	20	6
71-43-2	BENZENE	0.107		0.1	107	0.025	20	2
79-01-6	TRICHLOROETHENE	0.102		0.1	102	0.025	20	3
127-18-4	TETRACHLOROETHENE	0.0992		0.1	99	0.025	20	5
108-90-7	CHLOROBENZENE	0.104		0.1	104	0.025	20	6

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.25	83		83		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.25	84		82		79 - 120
2037-26-5	TOLUENE-D8	0.25	84		82	*	83 - 120

Data Package ID: VL0703142-2

GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070323-4LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/23/2007

Date Analyzed: 03/23/2007

Prep Method: SW5035A MOD

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18930

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	20.7	5		104	65 - 136%
71-43-2	BENZENE	20	19	5		95	73 - 126%
79-01-6	TRICHLOROETHENE	20	18.8	5		94	77 - 124%
108-88-3	TOLUENE	20	18.9	5		95	71 - 127%
108-90-7	CHLOROBENZENE	20	18.8	5		94	75 - 123%

Lab ID: VL070323-4LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/23/2007

Date Analyzed: 03/23/2007

Prep Method: SW5035A MOD

Prep Batch: VL070323-4

QCBatchID: VL070323-4-1

Run ID: VL070323-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18927

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	24.8	5		124	30	18
71-43-2	BENZENE	20	23.4	5		117	30	20
79-01-6	TRICHLOROETHENE	20	23.8	5		119	30	23
108-88-3	TOLUENE	20	23.9	5		119	30	23
108-90-7	CHLOROBENZENE	20	23.6	5		118	30	22

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	50.000	111~		108		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	50.000	108		107		61 - 134
2037-26-5	TOLUENE-D8	50.000	113		114		57 - 135

Data Package ID: VL0703142-3

Date Printed: Thursday, March 29, 2007

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GC/MS Volatiles

Method SW8260B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01
LabID: 0703142-13MS

Sample Matrix: SLUDGE
% Moisture: 27.3
Date Collected: 12-Mar-07
Date Extracted: 23-Mar-07
Date Analyzed: 23-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4
QCBatchID: VL070323-4-1
Run ID: VL070323-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
File Name: D18943

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	340	U	1350		344	1370	98	65 - 136%
71-43-2	BENZENE	340	U	1460		344	1370	106	73 - 126%
79-01-6	TRICHLOROETHENE	340	U	1500		344	1370	109	77 - 124%
108-88-3	TOLUENE	160	J	1580		344	1370	103	71 - 127%
108-90-7	CHLOROBENZENE	340	U	1520		344	1370	111	75 - 123%

Field ID: SS1-031207-01
LabID: 0703142-13MSD

Sample Matrix: SLUDGE
% Moisture: 27.3
Date Collected: 12-Mar-07
Date Extracted: 23-Mar-07
Date Analyzed: 23-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070323-4
QCBatchID: VL070323-4-1
Run ID: VL070323-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
File Name: D18944

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	1360		1370	99	344	30	1
71-43-2	BENZENE	1390		1370	101	344	30	4
79-01-6	TRICHLOROETHENE	1420		1370	103	344	30	6
108-88-3	TOLUENE	1500		1370	97	344	30	6
108-90-7	CHLOROBENZENE	1380		1370	100	344	30	10

Data Package ID: VL0703142-3

GC/MS Volatiles
Method SW8260B
Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3440	105		104		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3440	106		105		61 - 134
2037-26-5	TOLUENE-D8	3440	110		111		57 - 135

Data Package ID: VL0703142-3

Date Printed: Friday, March 30, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: VL070324-4LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/24/2007

Date Analyzed: 03/24/2007

Prep Method: SW5035A MOD

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18958

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	20.9	5		105	65 - 136%
71-43-2	BENZENE	20	19.2	5		96	73 - 126%
79-01-6	TRICHLOROETHENE	20	19.4	5		97	77 - 124%
108-88-3	TOLUENE	20	19.9	5		99	71 - 127%
108-90-7	CHLOROBENZENE	20	19.9	5		99	75 - 123%

Lab ID: VL070324-4LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/24/2007

Date Analyzed: 03/24/2007

Prep Method: SW5035A MOD

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18958

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	20.9	5		104	30	0
71-43-2	BENZENE	20	18.7	5		93	30	3
79-01-6	TRICHLOROETHENE	20	18.8	5		94	30	3
108-88-3	TOLUENE	20	19.3	5		96	30	3
108-90-7	CHLOROBENZENE	20	18.9	5		95	30	5

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	50	109		109		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	50	104		106		61 - 134
2037-26-5	TOLUENE-D8	50	116		117		57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10

LabID: 0703142-4MS

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 24-Mar-07

Date Analyzed: 24-Mar-07

Prep Batch: VL070324-4

QCBatchID: VL070324-4-1

Run ID: VL070324-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

File Name: D18976

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	77	U	259		77	308	84	65 - 136%
71-43-2	BENZENE	37	J	297		77	308	84	73 - 126%
79-01-6	TRICHLOROETHENE	77	U	293		77	308	95	77 - 124%
108-88-3	TOLUENE	470		676	*	77	308	67	71 - 127%
108-90-7	CHLOROBENZENE	77	U	236		77	308	77	75 - 123%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	805		770	105	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	810		770	105	61 - 134
2037-26-5	TOLUENE-D8	751		770	98	57 - 135

Data Package ID: VL0703142-4

Date Printed: Thursday, March 29, 2007

Paragon Analytics

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NCR # 008627**CONTROLLED**

Paragon Analytics

NON-CONFORMANCE REPORT

Initiated by DW Date 3-29-07 Method/Procedure 8260 / SOP 525-12
Reason: ☒ Non-Conformance Work Orders Affected 0703142 (ZHE's only)
☐ Client Inquiry Batches Affected (optional) ✓ 4070328-3
☐ Other Clients Stoller

SECTION I TYPE OF EVENT (circle as appropriate)

- ☒ 1. LCS / (Surrogate) IS / Tracer or Chemical Yield Criteria Not Met
- ☐ 2. Calibration Criteria Not Met (ICAL, ICV, CCV)
- ☐ 3. Method Requirements Not Met (HTV, MB, ☐)
- ☐ 4. Deviation from LQAP/SOP (i.e., PAR criteria not met)
- ☐ 5. Client Criteria Not Met (MDC, DER, ☐)
- ☐ 6. Equipment Failure or Laboratory Incident / Error
- ☐ 7. Other ☐

Explanation:

PLEASE SEE ATTACHED PAGE).

329/07

Actions to Prevent Recurrence (Retrain, etc.): ☐**SECTION II NOTIFICATION**Client Contacted? (Y ☒ N) Name: ☐ Date: ☐ Time: ☐**SECTION III CORRECTIVE ACTIONS**

- ☐ 1. Submit for Re-Prep. or Clean-up
- ☐ 2. Re-analyze
- ☐ 3. Resubmit Data (hc, edd, narrative)
- ☒ 4. Document in Narrative
- ☐ 5. Other ☐

Approved by: DW DPM D PM 3/29/07**SECTION IV REQUEST FOR REWORK**Initial Batch ID: ☐ Date: ☐Reworked Batch ID: ☐ Date: ☐Outcome: ☐Approved by: ☐

Matrix Effect or Elevated / Sample Activity Suspected? (circle applicable)

SECTION V DISPOSITION☒ Use as is☐ Repair☐ Reject**SECTION VI COMMENTS**☐
☐
☐**SECTION VII APPROVAL SIGNATURES**Project Manager (PM) Debbie FritzDate 3/29/07Department Manager (DPM) [Signature]Date 3-29-07

(Verification of Disposition)

QA Manager [Signature] for DeB SchelsDate 3/29/07**SECTION VIII DISTRIBUTION** ☐ PM ☐ Dept. Manager ☐ Lab Director ☐ Rpt. Group or ☐ Rad

Paragon Analytics NCR #008627

SW8260 / SOP52512

W.O. 0703142 (samples -14 through -25 (zhe's) only)

batch # VL070328-3

For the method blank, samples -14 through -18, -20, -21, -23 through -25, and -25MSD, the surrogate monitoring compound Toluene-d8 was recovered below the lower control limit. Recoveries of this and all other surrogate monitoring compounds were trending low in all the samples in this batch (including the CCV and all QC samples).

	% difference in the (1st source) VL070328-3CCV	% difference in the (2nd source) VL070328-3LCS	% difference in the (2nd source) VL070328-3LCSD	% difference in the (2nd source) 0703142-25MS	% difference in the (2nd source) 0703142-25MSD
vinyl chloride	0.2 (high)	7.8 (high)	5.8 (high)	3.9 (high)	7.6 (high)
1,1-dichloroethene	3.5 (high)	7.7 (high)	11 (high)	16 (high)	12 (high)
2-butanone	2.2 (high)	21 (high)	52 (high)	22 (high)	16 (high)
chloroform	0.3 (high)	0.4 (high)	3.7 (high)	6.2 (high)	1.7 (high)
carbon tetrachloride	3.4 (high)	4.3 (high)	4.3 (high)	5.5 (high)	3.8 (high)
1,2-dichloroethane	0.4 (high)	7.5 (high)	13 (high)	9.7 (high)	3.1 (high)
benzene	1.5 (low)	0	4.9 (high)	9.3 (high)	6.6 (high)
trichloroethene	2.4 (low)	0.8 (high)	8.1 (high)	5.4 (high)	2.2 (high)
tetrachloroethane	1.3 (low)	0.3 (high)	6.7 (high)	4.7 (high)	0.9 (low)
chlorobenzene	1.2 (low)	4.3 (high)	15 (high)	10 (high)	4.2 (high)
dibromofluorobenzene (surr)	23 (low)	16 (low)	15 (low)	16 (low)	18 (low)
toluene-d8 (surr)	29 (low)	16 (low)	17 (low)	16 (low)	18 (low)
4-bromofluorobenzene (surr)	25 (low)	13 (low)	20 (low)	17 (low)	17 (low)

(When interpreting the above table, it should be noted that the MSMSD were analyzed at the very end of the batch, effectively bracketing all sample runs.) Both the first and second calibration sources show the compounds of interest to be well within recovery limits throughout the batch, with the poor recoveries being limited to the surrogate monitoring compounds. *If any bias toward the target compounds is present, it is a slightly high one.*

There were no recoveries of TCLP target compounds in the samples, with the following exceptions:

sample	target compound	conc. at instr. (ppb) (at 5x diln)	conc. in sample (ppb) (calculated for 1x)
0703142-18	benzene	6.11	30.55
0703142-19	benzene	4.1	20.5
0703142-20	benzene	10.15	50.75
0703142-21	benzene	8.43	42.15
0703142-22	benzene	3.37	16.85
0703142-23	benzene	3.65	18.25
0703142-24	benzene	2.53	12.65

As stated in 40 CFR 261.24, the regulatory limit for benzene is 500ppb, well above any of the sample recoveries observed.

Given the degree of control exhibited by all QC elements for TCLP target compounds in this batch, the low recoveries of the surrogate monitoring compound Toluene-d8 are deemed to be of calibration or instrumental origin, and have no detrimental effect on client data.

Joel Nolle, Organics Operations Manager, 3/29/2007

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Paragon Analytics

Total Volatile Petroleum Hydrocarbons Case Narrative

S.M. Stoller Corp.

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/16/2007.
2. These samples were prepared and analyzed according to SW-846, 3rd Edition procedures. Specifically, the sludge samples were prepared by heating and purging 1g of sample mixed with 5ml of reagent water using purge and trap procedures based on Method 5030B. The calibration curve was also prepared using the heated purge.
3. The samples were analyzed using a GC with a DB-624 capillary column and a flame ionization detector (FID) according to Paragon Analytics Standard Operating Procedure 425 Revision 12 generally based on SW-846 Methods 8000B and 8015B. The procedures are based on these methods because SW-846 does not have a specific method for TVPH or gasoline range organics. The only true modification from these methods is that TVPH is a multicomponent mixture and is quantitated by summing the entire range, rather than individual peaks. The carbon range integrated in this test extends from C₆ to C₁₂. All positive results in this range were quantitated using the responses from the initial calibration curve using the external standard technique.
4. All initial and continuing calibration criteria were met.
5. The method blank associated with this project was below the MDL for gasoline range organics.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.

7. Sample 0703072-2 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within the acceptance criteria with the following exceptions:

Spiked Compound	QC Sample	Direction
Gasoline range organics	2MS & 2MSD	Low

The recoveries for gasoline range organics in the laboratory control spike and laboratory control spike duplicate were within control limits, which suggest the outlier in the matrix spikes may have been due to matrix effects. No further action was taken. Laboratory control spike and laboratory control spike duplicate results have been included.

8. All samples were extracted and analyzed within the established holding time.
9. All surrogate recoveries were within acceptance criteria.
10. All internal standard recoveries were within acceptance criteria.
11. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Dan Sherman
Jay Fielding for J.F.
Fuels Analyst

03-28-07
Date

sf
Reporter's Initials

3-28-07
Date

***Paragon Analytics
Data Qualifier Flags
Fuels***

- G:** This flag indicates that a pattern resembling gasoline was detected in this sample.
- D:** This flag indicates that a pattern resembling diesel was detected in this sample.
- M:** This flag indicates that a pattern resembling motor oil was detected in this sample.
- H:** This flag indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.
- L:** This flag indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.
- Z:** This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
gasoline
JP-4
JP-8
diesel
mineral spirits
motor oil
Stoddard solvent
bunker C

Multiple flags may be used to indicate the presence of more than one product or component.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

Gasoline Range Organics

Method SW8015B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: HCG070326-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3898

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	0.5	0.5	0.04	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.473		0.5	95	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
Lab ID: 0703142-2

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.03 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3899

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	5.4	0.61	0.049	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.554		0.611	91	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
Lab ID: 0703142-3

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 26-Mar-07
Date Analyzed: 26-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2
QCBatchID: HCG070326-2-1
Run ID: HCG070326-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.07 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3900

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	9.5	0.67	0.054	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.617		0.666	93	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10
Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.14 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3901

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	6.6	0.68	0.055	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.615		0.675	91	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09	Sample Matrix: SLUDGE	Prep Batch: HCG070326-2	Sample Aliquot: 1.08 g
Lab ID: 0703142-5	% Moisture: 41.5	QCBatchID: HCG070326-2-1	Final Volume: 5 ml
	Date Collected: 12-Mar-07	Run ID: HCG070326-2A	Result Units: mg/kg
	Date Extracted: 26-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 26-Mar-07	Basis: Dry Weight	File Name: F2PF3902
	Prep Method: SW5030 Rev B		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	10	0.79	0.064	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.753		0.791	95	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3914

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	3.1	0.73	0.059	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.721		0.725	99	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7

Sample Matrix: SLUDGE
% Moisture: 34.4
Date Collected: 12-Mar-07
Date Extracted: 26-Mar-07
Date Analyzed: 26-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2
QCBatchID: HCG070326-2-1
Run ID: HCG070326-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.12 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3904

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	14	0.68	0.055	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.652		0.68	96	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics
LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06
Lab ID: 0703142-8

Sample Matrix: SLUDGE
% Moisture: 29.6
Date Collected: 12-Mar-07
Date Extracted: 26-Mar-07
Date Analyzed: 26-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2
QCBatchID: HCG070326-2-1
Run ID: HCG070326-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3905

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	27	0.71	0.057	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.588		0.71	83	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics
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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05
Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3907

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	15	0.7	0.057	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.675		0.705	96	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04
Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3908

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	28	0.75	0.06	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.592		0.745	80	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03
Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3909

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	24	0.77	0.062	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.635		0.768	83	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-02

Lab ID: 0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.11 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3910

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	5.9	0.65	0.053	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.731		0.654	112	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3911

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	5.1	0.66	0.053	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.615		0.661	93	76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: HCG070326-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2007

Date Analyzed: 03/26/2007

Prep Method: SW5030B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3895

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	4.58	0.5		92	79 - 118%

Lab ID: HCG070326-2LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2007

Date Analyzed: 03/26/2007

Prep Method: SW5030B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3897

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	5	4.46	0.5		89	20	3

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
193533-92-	2,3,4-TRIFLUOROTOLUENE	0.5	93		94		76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Gasoline Range Organics

Method SW8015B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
LabID: 0703142-2MS

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.12 g

Final Volume: 5 ml

Result Units: mg/kg

File Name: F2PF3912

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5.4	G	6.27	*	0.562	5.62	15	79 - 118%

Field ID: SS1-031207-12
LabID: 0703142-2MSD

Sample Matrix: SLUDGE

% Moisture: 20.5

Date Collected: 12-Mar-07

Date Extracted: 26-Mar-07

Date Analyzed: 26-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070326-2

QCBatchID: HCG070326-2-1

Run ID: HCG070326-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.12 g

Final Volume: 5 ml

Result Units: mg/kg

File Name: F2PF3913

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	7.03	*	5.62	29	0.562	40	11

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
193533-92-	2,3,4-TRIFLUOROTOLUENE	0.562	97		93		76 - 112

Data Package ID: HCG0703142-1

Date Printed: Wednesday, March 28, 2007

Paragon Analytics

LIMS Version: 5.498A

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Paragon Analytics

INORGANICS CASE NARRATIVE

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples.
2. The samples were received cool and intact on 03/16/07.
3. The samples were prepared for analysis based on SW-846, 3rd Edition procedures, Methods for the Chemical Analysis of Waters and Wastes (MCAWW), May 1994 procedures, and Environmental Monitoring Systems Laboratory (EMSL) Rev 2.1 procedures.
4. The samples were analyzed following SW-846, MCAWW, and EMSL procedures for the following methods:

<u>Analyte</u>	<u>Method</u>	<u>SOP #</u>
Total cyanide	9014	1110 Rev 12
pH	9045C	1126 Rev 15
Specific conductance	120.1	1128 Rev 8
Chloride	300.0	1113 Rev 9
Fluoride	300.0	1113 Rev 9
Nitrate as N	300.0	1113 Rev 9
Sulfate	300.0	1113 Rev 9

5. All standards and solutions were used within their recommended shelf life.
6. The samples were prepared and analyzed within the established hold time for each analysis.

All in house quality control procedures were followed, as described below.

7. General quality control procedures.
 - A preparation (method) blank and laboratory control sample (LCS) were prepared and analyzed with the samples in each applicable preparation batch. There were not more than 20 samples in each preparation batch.

- The method blank associated with each applicable batch was below the reporting limit for the requested analytes. This indicates that no contaminants were introduced to the samples during preparation and analysis.
- The LCS was within the acceptance limits for each applicable analysis.
- All initial and continuing calibration blanks (ICB/CCB) associated with each applicable analytical batch were below the reporting limit for the requested analytes, with the exception of CCB6 for chloride on 03/22/07 and CCB5 for chloride on 03/23/07. The samples bracketed by these CCBs either contained more than ten times the concentration of chloride that was detected in the CCB or were re-analyzed with acceptable CCBs.
- All initial and continuing calibration verifications (ICV/CCV) associated with each analytical batch were within the acceptance criteria for the requested analytes.

8. Matrix specific quality control procedures.

Sample 0703142-2 was designated as the quality control sample for the total cyanide, chloride, fluoride, nitrate as N, and sulfate analyses. Sample 0703142-7 was designated as the quality control sample for the pH analysis. Samples 0703142-2 and -13 were designated as the quality control samples for the specific conductance analysis.

Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

- A matrix spike (MS) and matrix spike duplicate (MSD) were prepared and analyzed with the total cyanide, chloride, fluoride, nitrate as N, and sulfate batches. All guidance criteria for precision and accuracy were met.
- Matrix spike recoveries could not be evaluated for the following analytes:

<u>Analyte</u>	<u>Sample ID</u>
Chloride	0703142-2MS & MSD
Fluoride	0703142-2MS & MSD
Nitrate as N	0703142-2MS & MSD
Sulfate	0703142-2MS & MSD

Due to the high dissolved salts present in sample 0703142-2, the matrix spike and matrix spike duplicate were analyzed at a 100X dilution. Fluoride and nitrate as N were diluted below the reporting limits. The chloride and sulfate concentrations in the MS/MSD were above the analytical range; therefore accurate quantitation of MS/MSD recoveries were not possible as the spike added was small relative to the unspiked sample concentration. The LCS, ICV, and CCV results indicate the procedure was in control for these analytes.

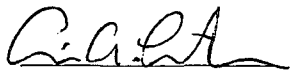
- A sample duplicate was prepared and analyzed with the pH and specific conductance batches. All guidance criteria for precision were met.

9. Electrical conductivity screening indicated that the concentration of dissolved salts was high in the samples. Therefore, it was necessary to dilute the samples prior to injection into the ion chromatograph in order to minimize the amount of salts loaded into the analytical column.

It was necessary to dilute all samples in order to bring the chloride and/or sulfate concentrations into the analytical range of the ion chromatograph (IC).

10. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.



Eric A. Lintner
Inorganic Analyst

3/27/07
Date

mg
Reviewer's Initials

3/27/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Concentration qualifier -- If the analyte was analyzed for but not detected a “U” is entered.
- QC qualifier -- Specified entries and their meanings are as follows:
 - N - Spiked sample recovery not within control limits.
 - * - Duplicate analysis (relative percent difference) not within control limits.
 - Z - Calibration spike recovery not within control limits.

CYANIDE, TOTAL

Method SW9014

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: SW9010

Final Volume: 50 ml
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/20/2007	03/20/2007	20.55	1	0.63	0.63	U	1 g
SS1-031207-11	0703142-3	03/12/2007	03/20/2007	03/20/2007	29.88	1	0.71	0.71	U	1 g
SS1-031207-10	0703142-4	03/12/2007	03/20/2007	03/20/2007	35.05	1	0.77	0.77	U	1 g
SS1-031207-09	0703142-5	03/12/2007	03/20/2007	03/20/2007	41.50	1	0.85	0.85	U	1 g
SS1-031207-08	0703142-6	03/12/2007	03/20/2007	03/20/2007	36.74	1	0.79	0.79	U	1 g
SS1-031207-07	0703142-7	03/12/2007	03/20/2007	03/20/2007	34.35	1	0.76	0.76	U	1 g
SS1-031207-06	0703142-8	03/12/2007	03/20/2007	03/20/2007	29.61	1	0.71	0.71	U	1 g
SS1-031207-05	0703142-9	03/12/2007	03/20/2007	03/20/2007	31.79	1	0.73	0.73	U	1 g
SS1-031207-04	0703142-10	03/12/2007	03/20/2007	03/20/2007	34.20	1	0.76	0.76	U	1 g
SS1-031207-03	0703142-11	03/12/2007	03/20/2007	03/20/2007	34.85	1	0.77	0.77	U	1 g
SS1-031207-02	0703142-12	03/12/2007	03/20/2007	03/20/2007	31.12	1	0.73	0.73	U	1 g
SS1-031207-01	0703142-13	03/12/2007	03/20/2007	03/20/2007	27.25	1	0.69	0.69	U	1 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *cn0703142-1*

Solid pH in water @25 Degrees Celsius

Method SW9045

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corporation

Client Project ID: LC Well 2 4165-040

Work Order Number: 0703142

Reporting Basis: As Received

Prep Method: NONE

Final Volume: 20 ml

Matrix: SLUDGE

Result Units: pH

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.44	0.1		20 g
SS1-031207-11	0703142-3	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.56	0.1		20 g
SS1-031207-10	0703142-4	03/12/2007	03/19/2007	03/19/2007	N/A	1	9.01	0.1		20 g
SS1-031207-09	0703142-5	03/12/2007	03/19/2007	03/19/2007	N/A	1	11.18	0.1		20 g
SS1-031207-08	0703142-6	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.63	0.1		20 g
SS1-031207-07	0703142-7	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.82	0.1		20 g
SS1-031207-06	0703142-8	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.94	0.1		20 g
SS1-031207-05	0703142-9	03/12/2007	03/19/2007	03/19/2007	N/A	1	7.89	0.1		20 g
SS1-031207-04	0703142-10	03/12/2007	03/19/2007	03/19/2007	N/A	1	9.47	0.1		20 g
SS1-031207-03	0703142-11	03/12/2007	03/19/2007	03/19/2007	N/A	1	9.25	0.1		20 g
SS1-031207-02	0703142-12	03/12/2007	03/19/2007	03/19/2007	N/A	1	10.31	0.1		20 g
SS1-031207-01	0703142-13	03/12/2007	03/19/2007	03/19/2007	N/A	1	11.34	0.1		20 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *ph0703142-1*

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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SPECIFIC CONDUCTIVITY

Method EPA120.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SLUDGE
Result Units: umhos/cm

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/21/2007	03/22/2007	N/A	1	65200	1		4 g
SS1-031207-11	0703142-3	03/12/2007	03/21/2007	03/22/2007	N/A	1	38100	1		4 g
SS1-031207-10	0703142-4	03/12/2007	03/21/2007	03/22/2007	N/A	1	45100	1		4 g
SS1-031207-09	0703142-5	03/12/2007	03/21/2007	03/22/2007	N/A	1	45200	1		4 g
SS1-031207-08	0703142-6	03/12/2007	03/21/2007	03/22/2007	N/A	1	41100	1		4 g
SS1-031207-07	0703142-7	03/12/2007	03/21/2007	03/22/2007	N/A	1	25100	1		4 g
SS1-031207-06	0703142-8	03/12/2007	03/21/2007	03/22/2007	N/A	1	11490	1		4 g
SS1-031207-05	0703142-9	03/12/2007	03/21/2007	03/22/2007	N/A	1	11350	1		4 g
SS1-031207-04	0703142-10	03/12/2007	03/21/2007	03/22/2007	N/A	1	11070	1		4 g
SS1-031207-03	0703142-11	03/12/2007	03/21/2007	03/22/2007	N/A	1	11260	1		4 g
SS1-031207-02	0703142-12	03/12/2007	03/21/2007	03/22/2007	N/A	1	10680	1		4 g
SS1-031207-01	0703142-13	03/12/2007	03/21/2007	03/22/2007	N/A	1	8960	1		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: sc0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics
LIMS Version: 5.495A

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CHLORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml.
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/21/2007	03/23/2007	20.55	2000	340000	5000		4 g
SS1-031207-11	0703142-3	03/12/2007	03/21/2007	03/23/2007	29.88	1000	160000	2900		4 g
SS1-031207-10	0703142-4	03/12/2007	03/21/2007	03/23/2007	35.05	1000	200000	3100		4 g
SS1-031207-09	0703142-5	03/12/2007	03/21/2007	03/23/2007	41.50	1000	200000	3400		4 g
SS1-031207-08	0703142-6	03/12/2007	03/21/2007	03/23/2007	36.74	1000	200000	3200		4 g
SS1-031207-07	0703142-7	03/12/2007	03/21/2007	03/23/2007	34.35	500	140000	1500		4 g
SS1-031207-06	0703142-8	03/12/2007	03/21/2007	03/23/2007	29.61	200	50000	570		4 g
SS1-031207-05	0703142-9	03/12/2007	03/21/2007	03/23/2007	31.79	200	55000	590		4 g
SS1-031207-04	0703142-10	03/12/2007	03/21/2007	03/23/2007	34.20	200	53000	610		4 g
SS1-031207-03	0703142-11	03/12/2007	03/21/2007	03/23/2007	34.85	200	54000	610		4 g
SS1-031207-02	0703142-12	03/12/2007	03/21/2007	03/23/2007	31.12	500	44000	1500		4 g
SS1-031207-01	0703142-13	03/12/2007	03/21/2007	03/23/2007	27.25	200	33000	550		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *ic0703142-1*

FLUORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: METHOD
Final Volume: 40 ml
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/21/2007	03/22/2007	20.55	100	130	130	U	4 g
SS1-031207-11	0703142-3	03/12/2007	03/21/2007	03/22/2007	29.88	50	71	71	U	4 g
SS1-031207-10	0703142-4	03/12/2007	03/21/2007	03/22/2007	35.05	50	77	77	U	4 g
SS1-031207-09	0703142-5	03/12/2007	03/21/2007	03/22/2007	41.50	50	85	85	U	4 g
SS1-031207-08	0703142-6	03/12/2007	03/21/2007	03/22/2007	36.74	50	79	79	U	4 g
SS1-031207-07	0703142-7	03/12/2007	03/21/2007	03/22/2007	34.35	50	76	76	U	4 g
SS1-031207-06	0703142-8	03/12/2007	03/21/2007	03/22/2007	29.61	20	28	28	U	4 g
SS1-031207-05	0703142-9	03/12/2007	03/21/2007	03/22/2007	31.79	20	29	29	U	4 g
SS1-031207-04	0703142-10	03/12/2007	03/21/2007	03/22/2007	34.20	20	30	30	U	4 g
SS1-031207-03	0703142-11	03/12/2007	03/21/2007	03/22/2007	34.85	20	31	31	U	4 g
SS1-031207-02	0703142-12	03/12/2007	03/21/2007	03/22/2007	31.12	10	15	15	U	4 g
SS1-031207-01	0703142-13	03/12/2007	03/21/2007	03/22/2007	27.25	10	14	14	U	4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *ic0703142-1*

Date Printed: Monday, March 26, 2007

Paragon Analytics
LIMS Version: 5.495A

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NITRATE AS N

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/21/2007	03/22/2007	20.55	100	250	250	U	4 g
SS1-031207-11	0703142-3	03/12/2007	03/21/2007	03/22/2007	29.88	50	140	140	U	4 g
SS1-031207-10	0703142-4	03/12/2007	03/21/2007	03/22/2007	35.05	50	150	150	U	4 g
SS1-031207-09	0703142-5	03/12/2007	03/21/2007	03/22/2007	41.50	50	170	170	U	4 g
SS1-031207-08	0703142-6	03/12/2007	03/21/2007	03/22/2007	36.74	50	160	160	U	4 g
SS1-031207-07	0703142-7	03/12/2007	03/21/2007	03/22/2007	34.35	50	150	150	U	4 g
SS1-031207-06	0703142-8	03/12/2007	03/21/2007	03/22/2007	29.61	20	57	57	U	4 g
SS1-031207-05	0703142-9	03/12/2007	03/21/2007	03/22/2007	31.79	20	59	59	U	4 g
SS1-031207-04	0703142-10	03/12/2007	03/21/2007	03/22/2007	34.20	20	61	61	U	4 g
SS1-031207-03	0703142-11	03/12/2007	03/21/2007	03/22/2007	34.85	20	61	61	U	4 g
SS1-031207-02	0703142-12	03/12/2007	03/21/2007	03/22/2007	31.12	10	29	29	U	4 g
SS1-031207-01	0703142-13	03/12/2007	03/21/2007	03/22/2007	27.25	10	27	27	U	4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: ic0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics
LIMS Version: 5.495A

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SULFATE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: LC Well 2 4165-040
Work Order Number: 0703142
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/21/2007	03/22/2007	20.55	100	57000	1300		4 g
SS1-031207-11	0703142-3	03/12/2007	03/21/2007	03/22/2007	29.88	50	59000	710		4 g
SS1-031207-10	0703142-4	03/12/2007	03/21/2007	03/22/2007	35.05	50	72000	770		4 g
SS1-031207-09	0703142-5	03/12/2007	03/21/2007	03/23/2007	41.50	500	89000	8500		4 g
SS1-031207-08	0703142-6	03/12/2007	03/21/2007	03/22/2007	36.74	50	38000	790		4 g
SS1-031207-07	0703142-7	03/12/2007	03/21/2007	03/22/2007	34.35	50	53000	760		4 g
SS1-031207-06	0703142-8	03/12/2007	03/21/2007	03/23/2007	29.61	200	31000	2800		4 g
SS1-031207-05	0703142-9	03/12/2007	03/21/2007	03/22/2007	31.79	20	19000	290		4 g
SS1-031207-04	0703142-10	03/12/2007	03/21/2007	03/22/2007	34.20	20	28000	300		4 g
SS1-031207-03	0703142-11	03/12/2007	03/21/2007	03/22/2007	34.85	20	28000	310		4 g
SS1-031207-02	0703142-12	03/12/2007	03/21/2007	03/23/2007	31.12	100	32000	1500		4 g
SS1-031207-01	0703142-13	03/12/2007	03/21/2007	03/23/2007	27.25	100	20000	1400		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *ic0703142-1*

Total Cyanide

Method SW9014

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: CN070320-1MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 20-Mar-07

Date Analyzed: 20-Mar-07

Prep Method: SW9010

Prep Batch: CN070320-1

QCBatchID: CN070320-1-1

Run ID: cn070320-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 50 ml

Result Units: mg/kg

Clean DF: 1

File Name: Manual Entr

CASNO	Target Analyte	DF	Result	Reporting Limit	Result Qualifier	EPA Qualifier
57-12-5	CYANIDE, TOTAL	1	0.5	0.5	U	

Data Package ID: cn0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

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Total Cyanide
Method SW9014
Laboratory Control Sample

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: CN070320-1LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/20/2007

Date Analyzed: 03/20/2007

Prep Method: SW9010

Prep Batch: CN070320-1

QCBatchID: CN070320-1-1

Run ID: cn070320-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 50 ml

Result Units: mg/kg

Clean DF: 1

File Name: Manual Entr

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
57-12-5	CYANIDE, TOTAL	20	20.2	0.5		101	85 - 115%

Data Package ID: cn0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

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Total Cyanide

Method SW9014

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12 LabID: 0703142-2MS	Sample Matrix: SLUDGE % Moisture: 20.5 Date Collected: 12-Mar-07 Date Extracted: 20-Mar-07 Date Analyzed: 20-Mar-07 Prep Method: SW9010	Prep Batch: CN070320-1 QCBatchID: CN070320-1-1 Run ID: cn070320-1 Cleanup: NONE Basis: Dry Weight	Sample Aliquot: 1 g Final Volume: 50 ml Result Units: mg/kg File Name: Manual Entry

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
57-12-5	CYANIDE, TOTAL	0.63	U	6.52		0.629	6.3	104	75 - 125%

Field ID: SS1-031207-12 LabID: 0703142-2MSD	Sample Matrix: SLUDGE % Moisture: 20.5 Date Collected: 12-Mar-07 Date Extracted: 20-Mar-07 Date Analyzed: 20-Mar-07 Prep Method: SW9010	Prep Batch: CN070320-1 QCBatchID: CN070320-1-1 Run ID: cn070320-1 Cleanup: NONE Basis: Dry Weight	Sample Aliquot: 1 g Final Volume: 50 ml Result Units: mg/kg File Name: Manual Entry

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
57-12-5	CYANIDE, TOTAL	6.26		6.3	99	0.629	30	4

Data Package ID: cn0703142-1

pH
Method SW9045
Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07
Lab ID: 0703142-7D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/12/2007

Date Extracted: 03/19/2007

Date Analyzed: 03/19/2007

Prep Batch: PH070319-2

QCBatchID: PH070319-2-1

Run ID: ph070319-1a

Cleanup: NONE

Basis: As Received

Sample Aliquot: 20 g

Final Volume: 20 ml

Result Units: pH

Clean DF: 1

File Name:

CASNO	Target Analyte	Sample Result	Samp Qual	Duplicate Result	Dup Qual	Reporting Limit	Dilution Factor	RPD	RPD Limit
10-29-7	PH	7.82		7.9		0.1	1		0.5

Data Package ID: *ph0703142-1*

Date Printed: Monday, March 26, 2007

Paragon Analytics

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Specific Conductance in Water

Method EPA120.1

Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/12/2007

Date Extracted: 03/21/2007

Date Analyzed: 03/22/2007

Prep Batch: WC070321-2

QCBatchID: WC070321-2-1

Run ID: sc070322-1a

Cleanup: NONE

Basis: As Received

Sample Aliquot: 4g

Final Volume: 40 ml

Result Units: umhos/cm

Clean DF: 1

File Name:

CASNO	Target Analyte	Sample Result	Samp Qual	Duplicate Result	Dup Qual	Reporting Limit	Dilution Factor	RPD	RPD Limit
10-34-4	SPECIFIC CONDUCTIVITY	8960		8400		1	1	6	10

Data Package ID: sc0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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Specific Conductance in Water

Method EPA120.1

Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12

Lab ID: 0703142-2D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/12/2007

Date Extracted: 03/21/2007

Date Analyzed: 03/22/2007

Prep Batch: WC070321-2

QCBatchID: WC070321-2-1

Run ID: sc070322-1a

Cleanup: NONE

Basis: As Received

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: umhos/cm

Clean DF: 1

File Name:

CASNO	Target Analyte	Sample Result	Samp Qual	Duplicate Result	Dup Qual	Reporting Limit	Dilution Factor	RPD	RPD Limit
10-34-4	SPECIFIC CONDUCTIVITY	65200		71600		1	1	9	10

Data Package ID: sc0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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Ion Chromatography

Method EPA300.0 Revision 2.1

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: WC070321-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 21-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: METHOD

Prep Batch: WC070321-2

QCBatchID: WC070321-2-2

Run ID: ic070322-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70322_015.

CASNO	Target Analyte	DF	Result	Reporting Limit	Result Qualifier	EPA Qualifier
16984-48-8	FLUORIDE	1	1	1	U	
16887-00-6	CHLORIDE	1	2	2	U	
14797-55-8	NITRATE AS N	1	2	2	U	
14808-79-8	SULFATE	1	10	10	U	

Data Package ID: ic0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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Ion Chromatography

Method EPA300.0 Revision 2.1

Laboratory Control Sample

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: WC070321-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/21/2007

Date Analyzed: 03/22/2007

Prep Method: METHOD

Prep Batch: WC070321-2

QCBatchID: WC070321-2-2

Run ID: ic070322-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70322_017.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
16984-48-8	FLUORIDE	50	51.7	1		103	85 - 115%
16887-00-6	CHLORIDE	100	95.9	2		96	85 - 115%
14797-55-8	NITRATE AS N	100	94.6	2		95	85 - 115%
14808-79-8	SULFATE	500	477	10		95	85 - 115%

Data Package ID: ic0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

4/10/2007

Client/Proj Name	FieldID	LabID	QCTyp	CASNO	IndtEstName	AnalyteMethod	Matrix	Analyt	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-04	0703142-10	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.16	G			
LC Well 2	SS1-031207-03	0703142-11	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.35	G			
LC Well 2	SS1-031207-02	0703142-12	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.27	G			
LC Well 2	SS1-031207-01	0703142-13	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.84	G			
LC Well 2	SS1-031207-09	0703142-5	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.23	G			
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.23	G			
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.41	G			
LC Well 2	SS1-031207-06	0703142-8	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.09	G			
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	Ra-226	713R9	SLUDGE	pc/g	1.6	G			
LC Well 2	SS1-031207-01	0703142-13	SMP	74408-79-8	Ra-228	713R9	SLUDGE	pc/g	1.02	G, TI			
LC Well 2	SS1-031207-11	0703142-3	SMP	7440-38-3	Ra-226	713R9	SLUDGE	pc/g	0.88	LT, G			
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-43-9	Ra-228	713R9	SLUDGE	pc/g	0.7	LT, G, TI			
LC Well 2	SS1-031207-12	0703142-2	SMP	7440-47-3	Ra-226	713R9	SLUDGE	pc/g	0.51	LT, G, TI			
LC Well 2	SS1-031207-12	0703142-2	SMP	7439-92-1	Ra-228	713R9	SLUDGE	pc/g	0.85	LT, G, TI			
LC Well 2	SS1-031207-10	0703142-4	SMP	7782-49-2	Ra-226	713R9	SLUDGE	pc/g	0.59	LT, G, TI			
LC Well 2	SS1-031207-04	0703142-10	SMP	591-78-6	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11070			
LC Well 2	SS1-031207-03	0703142-11	SMP	108-43-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11280			
LC Well 2	SS1-031207-02	0703142-12	SMP	108-10-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	10680			
LC Well 2	SS1-031207-01	0703142-13	SMP	67-64-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	8960			
LC Well 2	SS1-031207-12	0703142-2	SMP	71-43-2	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	65200			
LC Well 2	SS1-031207-11	0703142-3	SMP	108-86-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	38100			
LC Well 2	SS1-031207-10	0703142-4	SMP	74-97-5	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	45100			
LC Well 2	SS1-031207-09	0703142-5	SMP	75-27-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	45200			
LC Well 2	SS1-031207-08	0703142-6	SMP	75-25-2	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	41100			
LC Well 2	SS1-031207-07	0703142-7	SMP	74-83-9	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	25100			
LC Well 2	SS1-031207-06	0703142-8	SMP	75-15-0	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11490			
LC Well 2	SS1-031207-05	0703142-9	SMP	56-23-5	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11350			
LC Well 2	SS1-031207-04	0703142-10	SMP	107-06-2	CHLORIDE	EPA300.0	SLUDGE	200	MG/KG	53000			
LC Well 2	SS1-031207-03	0703142-11	SMP	78-87-5	SULFATE	EPA300.0	SLUDGE	20	MG/KG	28000			
LC Well 2	SS1-031207-02	0703142-12	SMP	108-67-8	CHLORIDE	EPA300.0	SLUDGE	200	MG/KG	54000			
LC Well 2	SS1-031207-01	0703142-13	SMP	541-73-1	SULFATE	EPA300.0	SLUDGE	20	MG/KG	28000			
LC Well 2	SS1-031207-12	0703142-2	SMP	142-28-9	SULFATE	EPA300.0	SLUDGE	100	MG/KG	32000			
LC Well 2	SS1-031207-11	0703142-3	SMP	106-46-7	SULFATE	EPA300.0	SLUDGE	100	MG/KG	20000			
LC Well 2	SS1-031207-10	0703142-4	SMP	544-10-5	SULFATE	EPA300.0	SLUDGE	100	MG/KG	57000			
LC Well 2	SS1-031207-09	0703142-5	SMP	594-20-7	SULFATE	EPA300.0	SLUDGE	50	MG/KG	59000			
LC Well 2	SS1-031207-08	0703142-6	SMP	78-93-3	SULFATE	EPA300.0	SLUDGE	50	MG/KG	72000			
LC Well 2	SS1-031207-07	0703142-7	SMP	95-49-8	SULFATE	EPA300.0	SLUDGE	500	MG/KG	89000			
LC Well 2	SS1-031207-06	0703142-8	SMP	591-78-6	SULFATE	EPA300.0	SLUDGE	50	MG/KG	38000			
LC Well 2	SS1-031207-05	0703142-9	SMP	106-43-4	CHLORIDE	EPA300.0	SLUDGE	500	MG/KG	140000			
LC Well 2	SS1-031207-04	0703142-10	SMP	108-10-1	SULFATE	EPA300.0	SLUDGE	50	MG/KG	53000			
LC Well 2	SS1-031207-03	0703142-11	SMP	67-64-1	CHLORIDE	EPA300.0	SLUDGE	200	MG/KG	50000			
LC Well 2	SS1-031207-02	0703142-12	SMP	71-43-2	SULFATE	EPA300.0	SLUDGE	200	MG/KG	31000			
LC Well 2	SS1-031207-01	0703142-13	SMP	108-86-1	CHLORIDE	EPA300.0	SLUDGE	200	MG/KG	55000			
LC Well 2	SS1-031207-12	0703142-2	SMP	74-97-5	SULFATE	EPA300.0	SLUDGE	20	MG/KG	19000			
LC Well 2	SS1-031207-11	0703142-3	SMP	75-27-4	CHLORIDE	EPA300.0	SLUDGE	500	MG/KG	44000			
LC Well 2	SS1-031207-10	0703142-4	SMP	75-25-2	CHLORIDE	EPA300.0	SLUDGE	200	MG/KG	33000			
LC Well 2	SS1-031207-09	0703142-5	SMP	74-83-9	CHLORIDE	EPA300.0	SLUDGE	2000	MG/KG	340000			
LC Well 2	SS1-031207-08	0703142-6	SMP	75-15-0	CHLORIDE	EPA300.0	SLUDGE	1000	MG/KG	160000			

S.M. Stoller

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"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

4/10/2007

Client/ProjName	FieldID	LabID	OCType	CASNO	IndstName	AnalMethod	Matry	AnaDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-10	0703142-4	SMP	156-23-5	CHLORIDE	EPA300.0	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-09	0703142-5	SMP	108-90-7	CHLORIDE	EPA300.0	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-08	0703142-6	SMP	75-00-3	CHLORIDE	EPA300.0	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-12	0703142-14	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.15	B	0.0011	0.55
LC Well 2	SS1-031207-12	0703142-14	SMP	15262-20-1	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.006	B	0.0057	0.94
LC Well 2	SS1-031207-12	0703142-14	SMP	13982-63-3	LEAD	SW6010	LEACHATE	1	MG/L	0.021	B	0.018	0.58
LC Well 2	SS1-031207-11	0703142-15	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.14	B	0.0011	0.98
LC Well 2	SS1-031207-11	0703142-15	SMP	13982-63-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.015	B	0.0057	0.45
LC Well 2	SS1-031207-11	0703142-15	SMP	15262-20-1	LEAD	SW6010	LEACHATE	1	MG/L	0.03	B	0.018	0.62
LC Well 2	SS1-031207-10	0703142-16	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.15	B	0.0011	0.51
LC Well 2	SS1-031207-10	0703142-16	SMP	15262-20-1	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0083	B	0.0057	0.75
LC Well 2	SS1-031207-09	0703142-17	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.24	B	0.0011	0.61
LC Well 2	SS1-031207-09	0703142-17	SMP	15262-20-1	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0046	B	0.0043	0.89
LC Well 2	SS1-031207-08	0703142-18	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.24	B	0.0011	0.36
LC Well 2	SS1-031207-07	0703142-19	SMP	15262-20-1	BARIUM	SW6010	LEACHATE	1	MG/L	0.21	B	0.0011	0.53
LC Well 2	SS1-031207-07	0703142-19	SMP	13982-63-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0059	B	0.0057	0.39
LC Well 2	SS1-031207-06	0703142-20	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MG/L	0.18	B	0.0011	0.75
LC Well 2	SS1-031207-05	0703142-21	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MG/L	0.0046	B	0.0043	
LC Well 2	SS1-031207-04	0703142-22	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MG/L	0.17	B	0.0011	
LC Well 2	SS1-031207-04	0703142-22	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0047	B	0.0043	
LC Well 2	SS1-031207-03	0703142-23	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0058	B	0.0057	
LC Well 2	SS1-031207-03	0703142-23	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MG/L	0.36	B	0.0011	
LC Well 2	SS1-031207-03	0703142-23	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0087	B	0.0057	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	ARSENIC	SW6010	LEACHATE	1	MG/L	0.042	B	0.042	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MG/L	0.14	B	0.0011	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0048	B	0.0057	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.02	B	0.018	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	LEAD	SW6010	LEACHATE	1	MG/L	0.24	B	0.0011	
LC Well 2	SS1-031207-01	0703142-25	SMP	8006-61-9	BARIUM	SW6010	LEACHATE	1	MG/L	0.047	B	0.036	
LC Well 2	SS1-031207-01	0703142-25	SMP	8006-61-9	SELENIUM	SW6010	LEACHATE	1	MG/L	0.18	B	0.047	
LC Well 2	SS1-031207-04	0703142-10	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.36	B	0.047	
LC Well 2	SS1-031207-03	0703142-11	SMP	8006-61-9	SILVER	SW6010	SLUDGE	1	MG/KG	0.15	B	0.085	
LC Well 2	SS1-031207-03	0703142-11	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.16	B	0.044	
LC Well 2	SS1-031207-02	0703142-12	SMP	8006-61-9	SILVER	SW6010	SLUDGE	1	MG/KG	0.079	B	0.079	
LC Well 2	SS1-031207-02	0703142-12	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.12	B	0.043	
LC Well 2	SS1-031207-01	0703142-13	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.051	B	0.039	
LC Well 2	SS1-031207-12	0703142-2	SMP	8006-61-9	ARSENIC	SW6010	SLUDGE	1	MG/KG	1.4	B	0.75	
LC Well 2	SS1-031207-08	0703142-6	SMP	8006-61-9	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.073	B	0.049	
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.12	B	0.048	
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.14	B	0.03	
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.22	B	0.086	
LC Well 2	SS1-031207-06	0703142-8	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.11	B	0.043	
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.3	B	0.077	
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.045	B	0.045	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalytMethod	Matrix	AnalytEl	ReptsUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SSI-031207-05	0703142-9	SMP	7439-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.25	B	0.082	
LC Well 2	SSI-031207-04	0703142-10	SMP	1634-04-4	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.1		0.8	
LC Well 2	SSI-031207-04	0703142-10	SMP	75-09-2	BARIUM	SW6010	SLUDGE	5	MG/KG	1900		0.081	
LC Well 2	SSI-031207-04	0703142-10	SMP	91-20-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	25		0.093	
LC Well 2	SSI-031207-04	0703142-10	SMP	104-51-8	COPPER	SW6010	SLUDGE	1	MG/KG	22		0.063	
LC Well 2	SSI-031207-04	0703142-10	SMP	103-65-1	IRON	SW6010	SLUDGE	1	MG/KG	12000		0.9	
LC Well 2	SSI-031207-04	0703142-10	SMP	95-47-6	LEAD	SW6010	SLUDGE	1	MG/KG	8.6		0.37	
LC Well 2	SSI-031207-04	0703142-10	SMP	99-87-6	MANGANESE	SW6010	SLUDGE	1	MG/KG	180		0.021	
LC Well 2	SSI-031207-04	0703142-10	SMP	135-98-8	SELENIUM	SW6010	SLUDGE	1	MG/KG	2		0.52	
LC Well 2	SSI-031207-04	0703142-10	SMP	100-42-5	ZINC	SW6010	SLUDGE	1	MG/KG	77		0.43	
LC Well 2	SSI-031207-03	0703142-11	SMP	98-06-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.4		0.8	
LC Well 2	SSI-031207-03	0703142-11	SMP	127-18-4	BARIUM	SW6010	SLUDGE	5	MG/KG	2100		0.081	
LC Well 2	SSI-031207-03	0703142-11	SMP	108-88-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	25		0.093	
LC Well 2	SSI-031207-03	0703142-11	SMP	156-50-5	COPPER	SW6010	SLUDGE	1	MG/KG	24		0.063	
LC Well 2	SSI-031207-03	0703142-11	SMP	10061-02-6	IRON	SW6010	SLUDGE	1	MG/KG	11000		0.9	
LC Well 2	SSI-031207-03	0703142-11	SMP	79-01-6	LEAD	SW6010	SLUDGE	1	MG/KG	8.1		0.37	
LC Well 2	SSI-031207-03	0703142-11	SMP	75-69-4	MANGANESE	SW6010	SLUDGE	1	MG/KG	170		0.021	
LC Well 2	SSI-031207-03	0703142-11	SMP	108-05-4	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.6		0.52	
LC Well 2	SSI-031207-03	0703142-11	SMP	75-01-4	ZINC	SW6010	SLUDGE	1	MG/KG	84		0.43	
LC Well 2	SSI-031207-02	0703142-12	SMP	630-20-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.1		0.74	
LC Well 2	SSI-031207-02	0703142-12	SMP	71-55-6	BARIUM	SW6010	SLUDGE	1	MG/KG	1400		0.015	
LC Well 2	SSI-031207-02	0703142-12	SMP	79-34-5	CHROMIUM	SW6010	SLUDGE	1	MG/KG	22		0.087	
LC Well 2	SSI-031207-02	0703142-12	SMP	76-13-1	COPPER	SW6010	SLUDGE	1	MG/KG	16		0.059	
LC Well 2	SSI-031207-02	0703142-12	SMP	79-00-5	IRON	SW6010	SLUDGE	1	MG/KG	12000		0.84	
LC Well 2	SSI-031207-02	0703142-12	SMP	75-34-3	LEAD	SW6010	SLUDGE	1	MG/KG	12		0.34	
LC Well 2	SSI-031207-02	0703142-12	SMP	75-35-4	MANGANESE	SW6010	SLUDGE	1	MG/KG	220		0.019	
LC Well 2	SSI-031207-02	0703142-12	SMP	563-58-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.3		0.48	
LC Well 2	SSI-031207-01	0703142-13	SMP	87-61-6	ZINC	SW6010	SLUDGE	1	MG/KG	77		0.4	
LC Well 2	SSI-031207-01	0703142-13	SMP	96-18-4	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.7		0.73	
LC Well 2	SSI-031207-01	0703142-13	SMP	120-82-1	BARIUM	SW6010	SLUDGE	1	MG/KG	1200		0.015	
LC Well 2	SSI-031207-01	0703142-13	SMP	95-63-6	CHROMIUM	SW6010	SLUDGE	1	MG/KG	23		0.084	
LC Well 2	SSI-031207-01	0703142-13	SMP	96-12-8	COPPER	SW6010	SLUDGE	1	MG/KG	130		0.057	
LC Well 2	SSI-031207-01	0703142-13	SMP	106-93-4	IRON	SW6010	SLUDGE	1	MG/KG	26000		0.82	
LC Well 2	SSI-031207-01	0703142-13	SMP	95-50-1	LEAD	SW6010	SLUDGE	1	MG/KG	48		0.33	
LC Well 2	SSI-031207-01	0703142-13	SMP	107-06-2	MANGANESE	SW6010	SLUDGE	1	MG/KG	530		0.019	
LC Well 2	SSI-031207-01	0703142-13	SMP	78-87-5	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.95		0.47	
LC Well 2	SSI-031207-01	0703142-13	SMP	108-67-8	ZINC	SW6010	SLUDGE	1	MG/KG	78		0.39	
LC Well 2	SSI-031207-12	0703142-2	SMP	541-73-1	ARSENIC	SW6010	SLUDGE	1	MG/KG	4		0.66	
LC Well 2	SSI-031207-12	0703142-2	SMP	142-28-9	BARIUM	SW6010	SLUDGE	1	MG/KG	600		0.013	
LC Well 2	SSI-031207-12	0703142-2	SMP	106-46-7	CHROMIUM	SW6010	SLUDGE	1	MG/KG	23		0.077	
LC Well 2	SSI-031207-12	0703142-2	SMP	544-10-5	COPPER	SW6010	SLUDGE	1	MG/KG	4.8		0.052	
LC Well 2	SSI-031207-12	0703142-2	SMP	594-20-7	IRON	SW6010	SLUDGE	1	MG/KG	4800		0.74	
LC Well 2	SSI-031207-12	0703142-2	SMP	78-93-3	LEAD	SW6010	SLUDGE	1	MG/KG	7.1		0.3	
LC Well 2	SSI-031207-12	0703142-2	SMP	95-49-8	MANGANESE	SW6010	SLUDGE	1	MG/KG	98		0.017	
LC Well 2	SSI-031207-12	0703142-2	SMP	591-78-6	ZINC	SW6010	SLUDGE	1	MG/KG	24		0.36	
LC Well 2	SSI-031207-11	0703142-3	SMP	106-43-4	BARIUM	SW6010	SLUDGE	1	MG/KG	260		0.015	
LC Well 2	SSI-031207-11	0703142-3	SMP	108-10-1	CHROMIUM	SW6010	SLUDGE	1	MG/KG	8.7		0.087	
LC Well 2	SSI-031207-11	0703142-3	SMP	67-84-1	COPPER	SW6010	SLUDGE	1	MG/KG	7		0.059	

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LC Well 2	SS1-031207-11	0703142-3	SMP	71-43-2	IRON	SW6010	SLUDGE	1	MG/KG	4200		0.84	
LC Well 2	SS1-031207-11	0703142-3	SMP	108-86-1	LEAD	SW6010	SLUDGE	1	MG/KG	6.1		0.34	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-97-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	88		0.019	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-27-4	ZINC	SW6010	SLUDGE	1	MG/KG	73		0.4	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-25-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	1.7		0.81	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-83-9	BARUM	SW6010	SLUDGE	1	MG/KG	360		0.016	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-15-0	CHROMIUM	SW6010	SLUDGE	1	MG/KG	7.3		0.095	
LC Well 2	SS1-031207-10	0703142-4	SMP	56-23-5	COPPER	SW6010	SLUDGE	1	MG/KG	6		0.064	
LC Well 2	SS1-031207-10	0703142-4	SMP	108-90-7	IRON	SW6010	SLUDGE	1	MG/KG	3600		0.92	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-00-3	LEAD	SW6010	SLUDGE	1	MG/KG	3.7		0.37	
LC Well 2	SS1-031207-10	0703142-4	SMP	67-66-3	MANGANESE	SW6010	SLUDGE	1	MG/KG	72		0.021	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-87-3	ZINC	SW6010	SLUDGE	1	MG/KG	59		0.44	
LC Well 2	SS1-031207-09	0703142-5	SMP	156-59-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	27		0.88	
LC Well 2	SS1-031207-09	0703142-5	SMP	10061-01-5	BARUM	SW6010	SLUDGE	1	MG/KG	580		0.018	
LC Well 2	SS1-031207-09	0703142-5	SMP	124-48-1	CHROMIUM	SW6010	SLUDGE	1	MG/KG	11		0.1	
LC Well 2	SS1-031207-09	0703142-5	SMP	74-95-3	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.069	
LC Well 2	SS1-031207-09	0703142-5	SMP	75-71-8	IRON	SW6010	SLUDGE	1	MG/KG	5300		0.99	
LC Well 2	SS1-031207-09	0703142-5	SMP	100-41-4	LEAD	SW6010	SLUDGE	1	MG/KG	17		0.4	
LC Well 2	SS1-031207-09	0703142-5	SMP	87-68-3	MANGANESE	SW6010	SLUDGE	1	MG/KG	95		0.023	
LC Well 2	SS1-031207-09	0703142-5	SMP	74-88-4	ZINC	SW6010	SLUDGE	1	MG/KG	70		0.48	
LC Well 2	SS1-031207-08	0703142-6	SMP	98-82-8	BARUM	SW6010	SLUDGE	1	MG/KG	1300		0.017	
LC Well 2	SS1-031207-08	0703142-6	SMP	136777-61-2	CHROMIUM	SW6010	SLUDGE	1	MG/KG	18		0.097	
LC Well 2	SS1-031207-08	0703142-6	SMP	1634-04-4	COPPER	SW6010	SLUDGE	1	MG/KG	8.6		0.066	
LC Well 2	SS1-031207-08	0703142-6	SMP	75-09-2	IRON	SW6010	SLUDGE	1	MG/KG	7100		0.94	
LC Well 2	SS1-031207-08	0703142-6	SMP	91-20-3	LEAD	SW6010	SLUDGE	1	MG/KG	5.8		0.38	
LC Well 2	SS1-031207-08	0703142-6	SMP	104-51-8	MANGANESE	SW6010	SLUDGE	1	MG/KG	110		0.021	
LC Well 2	SS1-031207-08	0703142-6	SMP	103-65-1	ZINC	SW6010	SLUDGE	1	MG/KG	90		0.45	
LC Well 2	SS1-031207-07	0703142-7	SMP	95-47-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2		0.81	
LC Well 2	SS1-031207-07	0703142-7	SMP	99-87-6	BARUM	SW6010	SLUDGE	1	MG/KG	710		0.016	
LC Well 2	SS1-031207-07	0703142-7	SMP	135-98-8	CHROMIUM	SW6010	SLUDGE	1	MG/KG	20		0.094	
LC Well 2	SS1-031207-07	0703142-7	SMP	100-42-5	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.084	
LC Well 2	SS1-031207-07	0703142-7	SMP	98-06-6	IRON	SW6010	SLUDGE	1	MG/KG	8200		0.92	
LC Well 2	SS1-031207-07	0703142-7	SMP	127-18-4	LEAD	SW6010	SLUDGE	1	MG/KG	12		0.37	
LC Well 2	SS1-031207-07	0703142-7	SMP	108-88-3	MANGANESE	SW6010	SLUDGE	1	MG/KG	120		0.021	
LC Well 2	SS1-031207-06	0703142-8	SMP	156-60-5	ZINC	SW6010	SLUDGE	1	MG/KG	110		0.44	
LC Well 2	SS1-031207-06	0703142-8	SMP	10661-02-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	1.8		0.73	
LC Well 2	SS1-031207-06	0703142-8	SMP	79-01-6	BARUM	SW6010	SLUDGE	1	MG/KG	1300		0.015	
LC Well 2	SS1-031207-06	0703142-8	SMP	75-69-4	CHROMIUM	SW6010	SLUDGE	1	MG/KG	24		0.085	
LC Well 2	SS1-031207-06	0703142-8	SMP	108-05-4	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.067	
LC Well 2	SS1-031207-06	0703142-8	SMP	75-01-4	IRON	SW6010	SLUDGE	1	MG/KG	11000		0.82	
LC Well 2	SS1-031207-06	0703142-8	SMP	630-20-6	LEAD	SW6010	SLUDGE	1	MG/KG	8.1		0.33	
LC Well 2	SS1-031207-06	0703142-8	SMP	71-55-6	MANGANESE	SW6010	SLUDGE	1	MG/KG	150		0.019	
LC Well 2	SS1-031207-06	0703142-8	SMP	79-34-5	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.5		0.47	
LC Well 2	SS1-031207-05	0703142-9	SMP	76-13-1	ZINC	SW6010	SLUDGE	1	MG/KG	77		0.39	
LC Well 2	SS1-031207-05	0703142-9	SMP	79-00-5	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.3		0.77	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-34-3	BARUM	SW6010	SLUDGE	5	MG/KG	2600		0.078	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-35-4	CHROMIUM	SW6010	SLUDGE	1	MG/KG	27		0.09	
LC Well 2	SS1-031207-05	0703142-9	SMP	563-58-6	COPPER	SW6010	SLUDGE	1	MG/KG	13		0.061	

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4/10/2007

Client/Project Name	Field ID	Lab ID	QCTP	CASNO	Indt estName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-05	0703142-9	SMP	87-61-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		0.57	
LC Well 2	SS1-031207-05	0703142-9	SMP	96-18-4	LEAD	SW6010	SLUDGE	1	MG/KG	180		0.35	
LC Well 2	SS1-031207-05	0703142-9	SMP	120-82-1	MANGANESE	SW6010	SLUDGE	1	MG/KG	180		0.02	
LC Well 2	SS1-031207-05	0703142-9	SMP	95-63-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.8		0.5	
LC Well 2	SS1-031207-05	0703142-9	SMP	96-12-8	ZINC	SW6010	SLUDGE	1	MG/KG	120		0.42	
LC Well 2	SS1-031207-04	0703142-10	SMP	67-66-3	URANIUM	SW6020	SLUDGE	10	UG/KG	1000		0.4	
LC Well 2	SS1-031207-03	0703142-11	SMP	74-87-3	URANIUM	SW6020	SLUDGE	10	UG/KG	1000		0.4	
LC Well 2	SS1-031207-02	0703142-12	SMP	156-59-2	URANIUM	SW6020	SLUDGE	10	UG/KG	1000		0.37	
LC Well 2	SS1-031207-01	0703142-13	SMP	10061-01-5	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		0.36	
LC Well 2	SS1-031207-12	0703142-2	SMP	124-48-1	URANIUM	SW6020	SLUDGE	10	UG/KG	10000		0.33	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-95-3	URANIUM	SW6020	SLUDGE	10	UG/KG	520		0.37	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-71-8	URANIUM	SW6020	SLUDGE	10	UG/KG	570		0.41	
LC Well 2	SS1-031207-09	0703142-5	SMP	100-41-4	URANIUM	SW6020	SLUDGE	10	UG/KG	740		0.44	
LC Well 2	SS1-031207-08	0703142-6	SMP	87-68-3	URANIUM	SW6020	SLUDGE	10	UG/KG	830		0.42	
LC Well 2	SS1-031207-07	0703142-7	SMP	74-88-4	URANIUM	SW6020	SLUDGE	10	UG/KG	800		0.41	
LC Well 2	SS1-031207-06	0703142-8	SMP	98-82-8	URANIUM	SW6020	SLUDGE	10	UG/KG	740		0.37	
LC Well 2	SS1-031207-05	0703142-9	SMP	136777-61-2	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.39	
LC Well 2	SS1-031207-12	0703142-14	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00012	B	0.000049	
LC Well 2	SS1-031207-11	0703142-15	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00025	B	0.000049	
LC Well 2	SS1-031207-09	0703142-17	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00027	B	0.000049	
LC Well 2	SS1-031207-08	0703142-18	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00016	B	0.000049	
LC Well 2	SS1-031207-07	0703142-19	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.0003	B	0.000049	
LC Well 2	SS1-031207-06	0703142-20	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.000049	
LC Well 2	SS1-031207-05	0703142-21	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00014	B	0.000049	
LC Well 2	SS1-031207-04	0703142-22	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.000049	
LC Well 2	SS1-031207-03	0703142-23	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.000049	
LC Well 2	SS1-031207-02	0703142-24	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.000049	
LC Well 2	SS1-031207-01	0703142-25	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.0001	B	0.000049	
LC Well 2	SS1-031207-04	0703142-10	SMP	10-30-0	MERCURY	SW7471	SLUDGE	1	MG/KG	0.03	B	0.0012	0.41
LC Well 2	SS1-031207-03	0703142-11	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0012	0.92
LC Well 2	SS1-031207-02	0703142-12	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.032	B	0.0012	0.92
LC Well 2	SS1-031207-01	0703142-13	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.0084	B	0.0011	0.34
LC Well 2	SS1-031207-12	0703142-2	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.016	B	0.001	0.59
LC Well 2	SS1-031207-11	0703142-3	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.034	B	0.0012	0.75
LC Well 2	SS1-031207-10	0703142-4	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.014	B	0.0013	0.96
LC Well 2	SS1-031207-08	0703142-6	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.021	B	0.0013	0.47
LC Well 2	SS1-031207-07	0703142-7	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.023	B	0.0012	0.54
LC Well 2	SS1-031207-06	0703142-8	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.006	B	0.0012	0.46
LC Well 2	SS1-031207-05	0703142-9	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0012	0.8
LC Well 2	SS1-031207-04	0703142-5	SMP	95-50-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.074		0.0014	
LC Well 2	SS1-031207-04	0703142-10	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	28	G	0.06	
LC Well 2	SS1-031207-03	0703142-11	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	24	G	0.062	
LC Well 2	SS1-031207-02	0703142-12	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	5.9	G	0.053	
LC Well 2	SS1-031207-12	0703142-2	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	5.4	G	0.049	
LC Well 2	SS1-031207-11	0703142-3	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	9.5	G	0.054	
LC Well 2	SS1-031207-10	0703142-4	SMP	16887-00-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	6.6	G	0.055	
LC Well 2	SS1-031207-09	0703142-5	SMP	16984-48-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	10	G	0.064	
LC Well 2	SS1-031207-08	0703142-6	SMP	14797-55-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	3.1	G	0.059	

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4/10/2007

Client/ProjName	FieldID	LabID	OCType	CASNO	IndstName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-07	0703142-7	SMP	14808-79-8	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	14	G	0.055	
LC Well 2	SS1-031207-06	0703142-8	SMP	16887-00-6	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	27	G	0.057	
LC Well 2	SS1-031207-05	0703142-9	SMP	16984-48-8	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	15	G	0.057	
LC Well 2	SS1-031207-01	0703142-3	SMP	14797-55-8	Diesel Range Organics	SW8015	SLUDGE	1	MG/KG	5.1	G	0.053	
LC Well 2	SS1-031207-12	0703142-2	SMP	7439-97-6	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	340	D.H	2	
LC Well 2	SS1-031207-11	0703142-3	SMP	16984-48-8	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	80	H	2.3	
LC Well 2	SS1-031207-10	0703142-4	SMP	14797-55-8	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	17	H	2.5	
LC Well 2	SS1-031207-04	0703142-10	SMP	7440-61-1	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1100	L.D.H	2.4	
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-38-2	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1100	L.D.H	2.5	
LC Well 2	SS1-031207-02	0703142-12	SMP	7440-39-3	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1100	L.D.H	2.4	
LC Well 2	SS1-031207-01	0703142-5	SMP	7440-43-9	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	780	L.D.H	2.3	
LC Well 2	SS1-031207-09	0703142-13	SMP	7439-92-1	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1500	L.D.H	2.6	
LC Well 2	SS1-031207-07	0703142-7	SMP	7782-49-2	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1300	L.D.H	2.3	
LC Well 2	SS1-031207-06	0703142-8	SMP	7440-22-4	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1400	L.D.H	2.3	
LC Well 2	SS1-031207-05	0703142-9	SMP	7440-38-2	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1800	L.D.H	12	
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-6	ACETONE	SW8260	SLUDGE	50	UG/KG	1700	B	530	
LC Well 2	SS1-031207-07	0703142-19	SMP	16984-48-8	BENZENE	SW8260	LEACHATE	5	MGL	0.02	J	0.0083	
LC Well 2	SS1-031207-04	0703142-22	SMP	14797-55-8	BENZENE	SW8260	LEACHATE	5	MGL	0.017	J	0.0083	
LC Well 2	SS1-031207-03	0703142-23	SMP	14808-79-8	BENZENE	SW8260	LEACHATE	5	MGL	0.018	J	0.0083	
LC Well 2	SS1-031207-02	0703142-24	SMP	16984-48-8	BENZENE	SW8260	LEACHATE	5	MGL	0.013	J	0.0083	
LC Well 2	SS1-031207-04	0703142-10	SMP	14797-55-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	340	J	130	
LC Well 2	SS1-031207-03	0703142-11	SMP	14808-79-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	330	J	130	
LC Well 2	SS1-031207-02	0703142-12	SMP	16984-48-8	ISOPROPYL BENZENE	SW8260	SLUDGE	50	UG/KG	330	J	120	
LC Well 2	SS1-031207-02	0703142-12	SMP	14797-55-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	170	J	120	
LC Well 2	SS1-031207-02	0703142-12	SMP	14808-79-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	260	J	120	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-00-6	N-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	110	J	110	
LC Well 2	SS1-031207-01	0703142-13	SMP	16984-48-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	130	J	110	
LC Well 2	SS1-031207-01	0703142-13	SMP	14797-55-8	TOLUENE	SW8260	SLUDGE	50	UG/KG	160	J	110	
LC Well 2	SS1-031207-01	0703142-3	SMP	14808-79-8	ISOPROPYL BENZENE	SW8260	SLUDGE	50	UG/KG	230	J	120	
LC Well 2	SS1-031207-11	0703142-3	SMP	16887-00-6	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	190	J	120	
LC Well 2	SS1-031207-11	0703142-3	SMP	16984-48-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	280	J	120	
LC Well 2	SS1-031207-09	0703142-5	SMP	14797-55-8	ISOPROPYL BENZENE	SW8260	SLUDGE	50	UG/KG	250	J	140	
LC Well 2	SS1-031207-09	0703142-5	SMP	14808-79-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	190	J	140	
LC Well 2	SS1-031207-09	0703142-5	SMP	16887-00-6	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	250	J	140	
LC Well 2	SS1-031207-08	0703142-6	SMP	16984-48-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	320	J	130	
LC Well 2	SS1-031207-07	0703142-7	SMP	14797-55-8	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	50	UG/KG	340	J	130	
LC Well 2	SS1-031207-12	0703142-2	SMP	14808-79-8	ACETONE	SW8260	SLUDGE	10	UG/KG	130	J	84	
LC Well 2	SS1-031207-12	0703142-2	SMP	16887-00-6	BENZENE	SW8260	SLUDGE	10	UG/KG	39	J	21	
LC Well 2	SS1-031207-10	0703142-4	SMP	16887-00-6	ACETONE	SW8260	SLUDGE	10	UG/KG	260	J	100	
LC Well 2	SS1-031207-10	0703142-4	SMP	16887-00-6	BENZENE	SW8260	SLUDGE	10	UG/KG	37	J	26	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-00-6	CARBON DISULFIDE	SW8260	SLUDGE	10	UG/KG	27	J	23	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-00-6	ETHYL BENZENE	SW8260	SLUDGE	10	UG/KG	42	J	23	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-00-6	ISOPROPYL BENZENE	SW8260	SLUDGE	10	UG/KG	26	J	23	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	N-PROPYL BENZENE	SW8260	SLUDGE	10	UG/KG	53	J	23	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	SEC-BUTYL BENZENE	SW8260	SLUDGE	10	UG/KG	58	J	23	
LC Well 2	SS1-031207-04	0703142-10	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1200	J.B	510	

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4/10/2007

Client/PolName	FieldID	LabID	OCTYP	CASNO	IndtstName	AnaIMethod	Mainx	AnaIDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1300	J/B	510	
LC Well 2	SS1-031207-02	0703142-12	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1000	J/B	480	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J/B	460	
LC Well 2	SS1-031207-11	0703142-3	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J/B	470	
LC Well 2	SS1-031207-09	0703142-5	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1200	J/B	570	
LC Well 2	SS1-031207-07	0703142-7	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J/B	510	
LC Well 2	SS1-031207-06	0703142-8	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J/B	470	
LC Well 2	SS1-031207-05	0703142-9	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J/B	480	
LC Well 2	SS1-031207-08	0703142-18	SMP	10061-02-6	BENZENE	SW8260	LEACHATE	5	MG/L	0.031		0.0083	
LC Well 2	SS1-031207-06	0703142-20	SMP	79-01-6	BENZENE	SW8260	LEACHATE	5	MG/L	0.051		0.0083	
LC Well 2	SS1-031207-05	0703142-21	SMP	75-69-4	BENZENE	SW8260	LEACHATE	5	MG/L	0.042		0.0083	
LC Well 2	SS1-031207-04	0703142-10	SMP	108-05-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3600		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-01-4	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	630-20-6	BENZENE	SW8260	SLUDGE	50	UG/KG	520		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	71-55-6	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3700		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	76-13-1	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	690		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	79-00-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1400		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-34-3	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	640		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-35-4	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	553-58-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	87-61-6	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	410		130	
LC Well 2	SS1-031207-04	0703142-10	SMP	96-18-4	TOLUENE	SW8260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	120-82-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3600		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	95-63-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	96-12-8	BENZENE	SW8260	SLUDGE	50	UG/KG	500		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	106-93-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3700		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	95-50-1	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	640		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	107-06-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	5900		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	78-67-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1500		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	108-67-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	630		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	541-73-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	142-28-9	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2300		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	544-10-5	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	78-93-3	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	95-49-8	BENZENE	SW8260	SLUDGE	50	UG/KG	380		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	591-78-6	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	106-43-4	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	2800		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	108-10-1	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1000		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	67-64-1	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	400		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	71-43-2	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	470		120	
LC Well 2	SS1-031207-02	0703142-12	SMP	108-86-1	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SS1-031207-01	0703142-13	SMP	74-97-5	TOLUENE	SW8260	SLUDGE	50	UG/KG	2000		120	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-27-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	670		110	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-25-2	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	570		110	
LC Well 2	SS1-031207-01	0703142-13	SMP	74-83-9	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	570		110	

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Client/Profile Name	FieldID	LabID	QCType	CASNO	IndstName	AnalytMethod	Matrix	AnalytDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SSI-031207-01	0703142-13	SMP	75-15-0	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	380		110	
LC Well 2	SSI-031207-01	0703142-13	SMP	56-23-5	O-XYLENE	SW8260	SLUDGE	50	UG/KG	450		110	
LC Well 2	SSI-031207-11	0703142-3	SMP	108-90-7	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	75-00-3	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	970		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	67-66-3	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	480		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	74-87-3	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3000		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	156-59-2	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1000		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	10061-01-5	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	520		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	124-48-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	440		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	74-95-3	O-XYLENE	SW8260	SLUDGE	50	UG/KG	870		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	75-71-8	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SSI-031207-09	0703142-5	SMP	100-41-4	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	67-68-3	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	74-88-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	550		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	98-82-8	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3800		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	136777-61-2	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	1634-04-4	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	440		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	75-09-2	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	470		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	91-20-3	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SSI-031207-09	0703142-5	SMP	104-51-8	TOLENE	SW8260	SLUDGE	50	UG/KG	1200		140	
LC Well 2	SSI-031207-08	0703142-6	SMP	103-65-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	4100		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	95-47-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1800		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	99-87-6	BENZENE	SW8260	SLUDGE	50	UG/KG	970		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	135-98-8	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2100		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	100-42-5	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	630		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	98-06-6	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	6400		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	127-18-4	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1400		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	108-88-3	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	630		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	156-60-5	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	980		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	10061-02-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2400		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	79-01-6	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	490		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	75-69-4	TOLENE	SW8260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	108-05-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3000		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	75-01-4	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	630-20-6	BENZENE	SW8260	SLUDGE	50	UG/KG	660		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	71-55-6	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1800		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	79-34-5	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	460		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	76-13-1	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	4000		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	79-00-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1300		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	75-34-3	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	75-35-4	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	720		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	563-58-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1600		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	87-61-6	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	390		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	96-18-4	TOLENE	SW8260	SLUDGE	50	UG/KG	3000		130	
LC Well 2	SSI-031207-06	0703142-8	SMP	120-82-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3900		120	
LC Well 2	SSI-031207-06	0703142-8	SMP	95-63-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SSI-031207-06	0703142-8	SMP	96-12-8	BENZENE	SW8260	SLUDGE	50	UG/KG	1600		120	
LC Well 2	SSI-031207-06	0703142-8	SMP	106-93-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3700		120	

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"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

4/10/2007

Client/Project Name	Field ID	Lab ID	OCTYP	CASNO	IndtEstName	AnalMethod	Matrix	AnalUnit	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-06	0703142-8	SMP	95-50-1	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	870		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	107-06-2	M-P-XYLENE	SW6260	SLUDGE	50	UG/KG	5000		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	78-87-5	NAPHTHALENE	SW6260	SLUDGE	50	UG/KG	2200		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	108-67-8	N-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	990		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	541-73-1	N-PROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	1400		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	142-28-9	O-XYLENE	SW6260	SLUDGE	50	UG/KG	2100		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	106-46-7	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	440		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	544-10-5	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	710		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	594-20-7	TOLUENE	SW6260	SLUDGE	50	UG/KG	5600		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	78-93-3	1,2,4-TRIMETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	4300		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	95-49-8	1,3,5-TRIMETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	1700		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	591-78-6	BENZENE	SW6260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	106-43-4	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	3000		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	108-10-1	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	740		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	67-64-1	M-P-XYLENE	SW6260	SLUDGE	50	UG/KG	6600		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	171-43-2	NAPHTHALENE	SW6260	SLUDGE	50	UG/KG	1800		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	108-86-1	N-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	800		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	74-97-5	N-PROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-25-2	O-XYLENE	SW6260	SLUDGE	50	UG/KG	2500		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	74-83-9	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	420		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-15-0	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	5300		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	56-23-5	TOLUENE	SW6260	SLUDGE	10	UG/KG	990		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	108-90-7	1,2,4-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	430		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	75-00-3	1,3,5-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	220		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	67-66-3	ETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	86		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	74-87-3	ISOPROPYLBENZENE	SW6260	SLUDGE	10	UG/KG	1400		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	156-59-2	M-P-XYLENE	SW6260	SLUDGE	10	UG/KG	360		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	10061-01-5	NAPHTHALENE	SW6260	SLUDGE	10	UG/KG	150		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	124-48-1	N-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	180		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	74-95-3	N-PROPYLBENZENE	SW6260	SLUDGE	10	UG/KG	410		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	75-71-8	O-XYLENE	SW6260	SLUDGE	10	UG/KG	69		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	100-41-4	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	10	UG/KG	93		21	
LC Well 2	SS1-031207-12	0703142-2	SMP	87-68-3	SEC-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	490		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-88-4	TOLUENE	SW6260	SLUDGE	10	UG/KG	1400		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	98-82-8	1,2,4-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	500		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	13677-61-2	1,3,5-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	260		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	1634-04-4	ETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	120		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-09-2	ISOPROPYLBENZENE	SW6260	SLUDGE	10	UG/KG	1200		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	91-20-3	M-P-XYLENE	SW6260	SLUDGE	10	UG/KG	730		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	104-51-8	NAPHTHALENE	SW6260	SLUDGE	10	UG/KG	340		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	103-65-1	N-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	250		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	95-47-6	N-PROPYLBENZENE	SW6260	SLUDGE	10	UG/KG	420		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	99-87-6	O-XYLENE	SW6260	SLUDGE	10	UG/KG	120		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	135-98-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	10	UG/KG	190		26	
LC Well 2	SS1-031207-10	0703142-4	SMP	100-42-5	SEC-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	470		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	98-06-6	TOLUENE	SW6260	SLUDGE	10	UG/KG	510		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	127-18-4	1,2,4-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	470		23	
LC Well 2	SS1-031207-01	0703142-13	SMP		1,3,5-TRIMETHYLBENZENE	SW6260	SLUDGE	10	UG/KG			23	

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Client/ProjName	FieldID	LabID	OCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-01	0703142-13	SMP	108-88-3	ACETONE	SW8260	SLUDGE	10	UG/KG	290		92	
LC Well 2	SS1-031207-01	0703142-13	SMP	156-60-5	M-P-XYLENE	SW8260	SLUDGE	10	UG/KG	340		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	10061-02-6	NAPHTHALENE	SW8260	SLUDGE	10	UG/KG	200		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	79-01-6	N-BUTYLBENZENE	SW8260	SLUDGE	10	UG/KG	69		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-69-4	O-XYLENE	SW8260	SLUDGE	10	UG/KG	190		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	108-05-4	P-ISOPROPYL TOLUENE	SW8260	SLUDGE	10	UG/KG	80		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-01-4	TOLUENE	SW8260	SLUDGE	10	UG/KG	80		23	
LC Well 2	SS1-031207-03	0703142-11	SMP	14808-79-8	PENTACHLOROPHENOL	SW8270	SLUDGE	1	UG/KG	420	J	120	
LC Well 2	SS1-031207-01	0703142-13	SMP	16984-48-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	330		71	
LC Well 2	SS1-031207-01	0703142-13	SMP	14797-55-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	170		80	
LC Well 2	SS1-031207-12	0703142-2	SMP	14808-79-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	300		65	
LC Well 2	SS1-031207-12	0703142-2	SMP	16984-48-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	130	J	73	
LC Well 2	SS1-031207-11	0703142-3	SMP	14797-55-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	380		82	
LC Well 2	SS1-031207-10	0703142-4	SMP	14808-79-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	380	J	79	
LC Well 2	SS1-031207-10	0703142-4	SMP	16984-48-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	160	J	89	
LC Well 2	SS1-031207-09	0703142-5	SMP	14797-55-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	510	J	88	
LC Well 2	SS1-031207-04	0703142-10	SMP	108-90-7	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	250		99	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-00-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1800		78	
LC Well 2	SS1-031207-03	0703142-11	SMP	74-87-3	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	780		86	
LC Well 2	SS1-031207-03	0703142-11	SMP	156-59-2	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2000		79	
LC Well 2	SS1-031207-03	0703142-11	SMP	10061-01-5	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2900		87	
LC Well 2	SS1-031207-02	0703142-12	SMP	124-48-1	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	810		89	
LC Well 2	SS1-031207-02	0703142-12	SMP	74-95-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2300		82	
LC Well 2	SS1-031207-02	0703142-12	SMP	75-71-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	650		85	
LC Well 2	SS1-031207-01	0703142-13	SMP	100-41-4	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	540		78	
LC Well 2	SS1-031207-12	0703142-2	SMP	87-68-3	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	620		71	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-88-4	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	880		73	
LC Well 2	SS1-031207-11	0703142-3	SMP	98-82-8	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1700		80	
LC Well 2	SS1-031207-10	0703142-5	SMP	13677-61-2	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	620		87	
LC Well 2	SS1-031207-09	0703142-6	SMP	163-04-4	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1100		97	
LC Well 2	SS1-031207-08	0703142-6	SMP	75-09-2	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2100		82	
LC Well 2	SS1-031207-08	0703142-6	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		90	
LC Well 2	SS1-031207-08	0703142-6	SMP	104-51-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	740		92	
LC Well 2	SS1-031207-07	0703142-7	SMP	103-65-1	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1900		78	
LC Well 2	SS1-031207-07	0703142-7	SMP	95-47-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2800		86	
LC Well 2	SS1-031207-07	0703142-7	SMP	99-87-6	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	680		88	
LC Well 2	SS1-031207-06	0703142-8	SMP	135-98-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3200		73	
LC Well 2	SS1-031207-06	0703142-8	SMP	100-42-5	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4400		80	
LC Well 2	SS1-031207-06	0703142-8	SMP	98-06-6	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1300		82	
LC Well 2	SS1-031207-05	0703142-9	SMP	127-18-4	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3100		76	
LC Well 2	SS1-031207-05	0703142-9	SMP	108-86-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4700		83	
LC Well 2	SS1-031207-05	0703142-9	SMP	156-60-5	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		85	
LC Well 2	SS1-031207-04	0703142-10	SMP	106-93-4	PH	SW9045	SLUDGE	1	PH	9.47			
LC Well 2	SS1-031207-03	0703142-11	SMP	95-50-1	PH	SW9045	SLUDGE	1	PH	9.25			
LC Well 2	SS1-031207-02	0703142-12	SMP	107-06-2	PH	SW9045	SLUDGE	1	PH	10.31			
LC Well 2	SS1-031207-01	0703142-13	SMP	78-87-5	PH	SW9045	SLUDGE	1	PH	11.34			

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4/10/2007

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndtstName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-12	0703142-2	SMP	108-67-8	PH	SW9045	SLUDGE	1	PH	7.44			
LC Well 2	SS1-031207-11	0703142-3	SMP	541-73-1	PH	SW9045	SLUDGE	1	PH	7.56			
LC Well 2	SS1-031207-10	0703142-4	SMP	142-28-9	PH	SW9045	SLUDGE	1	PH	9.01			
LC Well 2	SS1-031207-09	0703142-5	SMP	106-46-7	PH	SW9045	SLUDGE	1	PH	11.18			
LC Well 2	SS1-031207-08	0703142-6	SMP	544-10-5	PH	SW9045	SLUDGE	1	PH	7.63			
LC Well 2	SS1-031207-07	0703142-7	SMP	594-20-7	PH	SW9045	SLUDGE	1	PH	7.82			
LC Well 2	SS1-031207-06	0703142-8	SMP	78-93-3	PH	SW9045	SLUDGE	1	PH	7.94			
LC Well 2	SS1-031207-05	0703142-9	SMP	95-49-8	PH	SW9045	SLUDGE	1	PH	7.89			
LC Well 2	SS1-031207-04	0703142-10	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1200	B		
LC Well 2	SS1-031207-03	0703142-11	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1600	B		
LC Well 2	SS1-031207-02	0703142-12	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1300	B		
LC Well 2	SS1-031207-01	0703142-13	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	830	B		
LC Well 2	SS1-031207-12	0703142-2	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	240	B		
LC Well 2	SS1-031207-11	0703142-3	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	570	B		
LC Well 2	SS1-031207-10	0703142-4	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	350	B		
LC Well 2	SS1-031207-09	0703142-5	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	660	B		
LC Well 2	SS1-031207-08	0703142-6	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1800	B		
LC Well 2	SS1-031207-07	0703142-7	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1200	B		
LC Well 2	SS1-031207-06	0703142-8	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400	B		
LC Well 2	SS1-031207-05	0703142-9	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	2200	B		

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium
Reporting Limit

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

pCi/g = Picocuries per gram

ug/kg = Micrograms per kilogram

umhos/cm = Micromhos per centimeter

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

E = Compounds whose concentration exceeds the upper limit of the calibration range.

J = Estimated value.

U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO

D = A pattern resembling diesel was detected in sample.

G = A pattern resembling gasoline was detected in sample.

H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions

B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or equal to the Method Detection Limit.

U = Analyte was analyzed for but not detected.

Qualifiers for Radium

G = Sample density differs by more than 15% of LCS density

U = Result is less than the sample specific MDC.

LT = Result is less than the requested MDC and greater than the sample specific MDC

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"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

4/11/2007

Client/ProjName	FieldID	LabID	OCType	CASNO	IntRefName	AnaIMethod	Matrix	AnaID1	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-04	0703142-10	SMP	108-05-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3600		130	
LC Well 2	SS1-031207-02	0703142-11	SMP	120-82-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3600		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	594-20-7	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		120	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-27-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	670		110	
LC Well 2	SS1-031207-11	0703142-5	SMP	108-90-7	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		120	
LC Well 2	SS1-031207-09	0703142-5	SMP	100-41-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		140	
LC Well 2	SS1-031207-08	0703142-6	SMP	103-65-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	4100		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	108-05-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3000		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	120-82-1	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	3900		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	78-93-3	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	4300		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	56-23-5	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	10	UG/KG	990		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-98-4	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	10	UG/KG	1400		26	
LC Well 2	SS1-031207-04	0703142-13	SMP	98-06-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	10	UG/KG	510		23	
LC Well 2	SS1-031207-01	0703142-10	SMP	75-01-4	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	95-63-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	75-25-2	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	770		110	
LC Well 2	SS1-031207-01	0703142-3	SMP	75-00-3	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	970		120	
LC Well 2	SS1-031207-09	0703142-5	SMP	87-58-3	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SS1-031207-08	0703142-6	SMP	95-47-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1800		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	75-01-4	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	95-63-6	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	95-49-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1700		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	108-90-7	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	10	UG/KG	430		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	98-42-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	10	UG/KG	500		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	127-18-4	1-METHYLNAPHTHALENE	SW8270	SLUDGE	10	UG/KG	470		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	16984-48-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	330	J	71	
LC Well 2	SS1-031207-12	0703142-2	SMP	14808-79-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	300	J	65	
LC Well 2	SS1-031207-10	0703142-4	SMP	14797-55-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	510	J	88	
LC Well 2	SS1-031207-09	0703142-5	SMP	108-90-7	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1800		78	
LC Well 2	SS1-031207-04	0703142-11	SMP	74-97-3	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2000		79	
LC Well 2	SS1-031207-03	0703142-12	SMP	124-48-1	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1400		75	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-98-4	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	880		73	
LC Well 2	SS1-031207-08	0703142-6	SMP	75-09-2	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2100		82	
LC Well 2	SS1-031207-07	0703142-7	SMP	103-65-1	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1900		78	
LC Well 2	SS1-031207-06	0703142-8	SMP	135-98-8	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3200		73	
LC Well 2	SS1-031207-05	0703142-9	SMP	127-18-4	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3100		76	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-00-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2700		86	
LC Well 2	SS1-031207-03	0703142-11	SMP	156-59-2	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2900		87	
LC Well 2	SS1-031207-02	0703142-12	SMP	74-95-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2300		82	
LC Well 2	SS1-031207-01	0703142-13	SMP	100-41-4	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	540		78	
LC Well 2	SS1-031207-12	0703142-2	SMP	87-58-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	620		71	
LC Well 2	SS1-031207-11	0703142-3	SMP	98-42-8	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1700		80	
LC Well 2	SS1-031207-10	0703142-4	SMP	136777-61-2	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	620		87	
LC Well 2	SS1-031207-09	0703142-5	SMP	1634-04-4	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1100		97	
LC Well 2	SS1-031207-08	0703142-6	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		90	
LC Well 2	SS1-031207-07	0703142-7	SMP	95-47-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2800		86	

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4/11/2007

Client/Profile Name	FieldID	LabID	OCType	CASNO	IndResName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-06	0703142-8	SMP	100-42-5	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4400		80	
LC Well 2	SS1-031207-05	0703142-9	SMP	108-88-3	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4700		83	
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-6	ACETONE	SW8260	SLUDGE	50	UG/KG	1700	B	530	
LC Well 2	SS1-031207-12	0703142-2	SMP	14808-79-8	ACETONE	SW8260	SLUDGE	10	UG/KG	130	J	84	
LC Well 2	SS1-031207-10	0703142-4	SMP	16887-00-6	ACETONE	SW8260	SLUDGE	10	UG/KG	260	J	100	
LC Well 2	SS1-031207-04	0703142-10	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1200	J	510	
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1300	J	510	
LC Well 2	SS1-031207-02	0703142-12	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1000	J	480	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J	460	
LC Well 2	SS1-031207-11	0703142-3	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J	470	
LC Well 2	SS1-031207-09	0703142-5	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1200	J	570	
LC Well 2	SS1-031207-07	0703142-7	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J	510	
LC Well 2	SS1-031207-06	0703142-8	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J	470	
LC Well 2	SS1-031207-05	0703142-9	SMP	7440-61-1	ACETONE	SW8260	SLUDGE	50	UG/KG	1100	J	490	
LC Well 2	SS1-031207-01	0703142-13	SMP	108-88-3	ACETONE	SW8260	SLUDGE	10	UG/KG	290		92	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	ARSENIC	SW6010	LEACHATE	1	MGL	0.042	B	0.042	
LC Well 2	SS1-031207-11	0703142-3	SMP	8006-61-9	ARSENIC	SW6010	SLUDGE	1	MG/KG	14	B	0.75	
LC Well 2	SS1-031207-08	0703142-6	SMP	8006-61-9	ARSENIC	SW6010	SLUDGE	1	MG/KG	16	B	0.83	
LC Well 2	SS1-031207-04	0703142-10	SMP	1634-04-4	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.1		0.8	
LC Well 2	SS1-031207-03	0703142-11	SMP	98-06-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.4		0.74	
LC Well 2	SS1-031207-02	0703142-12	SMP	630-20-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.1		0.73	
LC Well 2	SS1-031207-01	0703142-13	SMP	541-73-1	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.7		0.66	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-25-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	1.7		0.81	
LC Well 2	SS1-031207-09	0703142-5	SMP	156-59-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.7		0.88	
LC Well 2	SS1-031207-07	0703142-7	SMP	95-47-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	2		0.81	
LC Well 2	SS1-031207-06	0703142-8	SMP	10061-02-6	ARSENIC	SW6010	SLUDGE	1	MG/KG	1.8		0.73	
LC Well 2	SS1-031207-05	0703142-9	SMP	79-00-5	ARSENIC	SW6010	SLUDGE	1	MG/KG	2.3		0.77	
LC Well 2	SS1-031207-12	0703142-14	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MGL	0.15	B	0.0011	0.55
LC Well 2	SS1-031207-11	0703142-15	SMP	15262-20-1	BARIUM	SW6010	LEACHATE	1	MGL	0.14	B	0.0011	0.98
LC Well 2	SS1-031207-10	0703142-16	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MGL	0.15	B	0.0011	0.51
LC Well 2	SS1-031207-09	0703142-17	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MGL	0.24	B	0.0011	0.61
LC Well 2	SS1-031207-08	0703142-18	SMP	13982-63-3	BARIUM	SW6010	LEACHATE	1	MGL	0.24	B	0.0011	0.36
LC Well 2	SS1-031207-07	0703142-19	SMP	15262-20-1	BARIUM	SW6010	LEACHATE	1	MGL	0.21	B	0.0011	0.53
LC Well 2	SS1-031207-06	0703142-20	SMP	15262-20-1	BARIUM	SW6010	LEACHATE	1	MGL	0.18	B	0.0011	0.75
LC Well 2	SS1-031207-05	0703142-21	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MGL	0.17	B	0.0011	
LC Well 2	SS1-031207-04	0703142-22	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MGL	0.23	B	0.0011	
LC Well 2	SS1-031207-03	0703142-23	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MGL	0.36	B	0.0011	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	BARIUM	SW6010	LEACHATE	1	MGL	0.14	B	0.0011	
LC Well 2	SS1-031207-01	0703142-25	SMP	8006-61-9	BARIUM	SW6010	LEACHATE	1	MGL	0.24	B	0.0011	
LC Well 2	SS1-031207-04	0703142-10	SMP	127-18-4	BARIUM	SW6010	SLUDGE	5	MG/KG	1900		0.081	
LC Well 2	SS1-031207-03	0703142-11	SMP	71-55-6	BARIUM	SW6010	SLUDGE	5	MG/KG	2100		0.081	
LC Well 2	SS1-031207-02	0703142-12	SMP	120-82-1	BARIUM	SW6010	SLUDGE	1	MG/KG	1400		0.015	
LC Well 2	SS1-031207-01	0703142-13	SMP	142-28-9	BARIUM	SW6010	SLUDGE	1	MG/KG	1200		0.015	
LC Well 2	SS1-031207-12	0703142-2	SMP	106-43-4	BARIUM	SW6010	SLUDGE	1	MG/KG	600		0.013	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-83-9	BARIUM	SW6010	SLUDGE	1	MG/KG	260		0.015	
LC Well 2	SS1-031207-10	0703142-4	SMP	10061-01-5	BARIUM	SW6010	SLUDGE	1	MG/KG	360		0.016	
LC Well 2	SS1-031207-09	0703142-5	SMP		BARIUM	SW6010	SLUDGE	1	MG/KG	560		0.018	

S.M. Stoller

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	InstEstName	AnalytMethod	Matrix	AnalytID	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-08	0703142-6	SMP	98-82-8	BARILUM	SW6010	SLUDGE	1	MG/KG	1300		0.017	
LC Well 2	SS1-031207-07	0703142-7	SMP	99-87-6	BARILUM	SW6010	SLUDGE	1	MG/KG	710		0.016	
LC Well 2	SS1-031207-06	0703142-8	SMP	79-01-6	BARILUM	SW6010	SLUDGE	1	MG/KG	1300		0.015	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-34-3	BARILUM	SW6010	SLUDGE	5	MG/KG	2600		0.078	
LC Well 2	SS1-031207-04	0703142-19	SMP	14197-55-8	BENZENE	SW8260	LEACHATE	5	MGL	0.02	J	0.0083	
LC Well 2	SS1-031207-03	0703142-22	SMP	14808-79-8	BENZENE	SW8260	LEACHATE	5	MGL	0.017	J	0.0083	
LC Well 2	SS1-031207-02	0703142-23	SMP	16984-48-8	BENZENE	SW8260	LEACHATE	5	MGL	0.018	J	0.0083	
LC Well 2	SS1-031207-01	0703142-24	SMP	16887-40-6	BENZENE	SW8260	LEACHATE	5	MGL	0.013	J	0.0083	
LC Well 2	SS1-031207-12	0703142-2	SMP	16887-40-6	BENZENE	SW8260	SLUDGE	10	UG/KG	39	J	21	
LC Well 2	SS1-031207-10	0703142-4	SMP	16887-40-6	BENZENE	SW8260	SLUDGE	10	UG/KG	37	J	26	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-40-6	BENZENE	SW8260	SLUDGE	10	UG/KG	25	J	23	
LC Well 2	SS1-031207-08	0703142-18	SMP	10061-02-6	BENZENE	SW8260	LEACHATE	5	MGL	0.031		0.0083	
LC Well 2	SS1-031207-06	0703142-20	SMP	79-01-6	BENZENE	SW8260	LEACHATE	5	MGL	0.051		0.0083	
LC Well 2	SS1-031207-05	0703142-21	SMP	75-69-4	BENZENE	SW8260	LEACHATE	5	MGL	0.042		0.0083	
LC Well 2	SS1-031207-04	0703142-10	SMP	630-20-6	BENZENE	SW8260	SLUDGE	50	UG/KG	520		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	96-12-8	BENZENE	SW8260	SLUDGE	50	UG/KG	500		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	95-49-8	BENZENE	SW8260	SLUDGE	50	UG/KG	380		120	
LC Well 2	SS1-031207-08	0703142-6	SMP	99-87-6	BENZENE	SW8260	SLUDGE	50	UG/KG	970		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	630-20-6	BENZENE	SW8260	SLUDGE	50	UG/KG	680		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	96-12-8	BENZENE	SW8260	SLUDGE	50	UG/KG	1600		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	591-78-6	BENZENE	SW8260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SS1-031207-09	0703142-17	SMP	15262-20-1	CADMIUM	SW6010	LEACHATE	1	MGL	0.0046	B	0.0043	0.89
LC Well 2	SS1-031207-06	0703142-20	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MGL	0.0046	B	0.0043	
LC Well 2	SS1-031207-04	0703142-22	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MGL	0.0047	B	0.0043	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	CADMIUM	SW6010	LEACHATE	1	MGL	0.0048	B	0.0043	
LC Well 2	SS1-031207-04	0703142-10	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.18	B	0.047	
LC Well 2	SS1-031207-03	0703142-11	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.36	B	0.047	
LC Well 2	SS1-031207-02	0703142-12	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.16	B	0.044	
LC Well 2	SS1-031207-01	0703142-13	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.12	B	0.043	
LC Well 2	SS1-031207-08	0703142-7	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.051	B	0.039	
LC Well 2	SS1-031207-12	0703142-2	SMP	8006-61-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.073	B	0.049	
LC Well 2	SS1-031207-07	0703142-6	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.12	B	0.048	
LC Well 2	SS1-031207-06	0703142-8	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.22	B	0.043	
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.3	B	0.045	
LC Well 2	SS1-031207-01	0703142-13	SMP	16887-40-6	CARBON DISULFIDE	SW8260	SLUDGE	10	UG/KG	27	J	23	
LC Well 2	SS1-031207-04	0703142-10	SMP	107-06-2	CHLORIDE	EPA3000	SLUDGE	200	MG/KG	53000			
LC Well 2	SS1-031207-03	0703142-11	SMP	108-67-8	CHLORIDE	EPA3000	SLUDGE	200	MG/KG	54000			
LC Well 2	SS1-031207-07	0703142-7	SMP	106-43-4	CHLORIDE	EPA3000	SLUDGE	500	MG/KG	140000			
LC Well 2	SS1-031207-06	0703142-8	SMP	67-64-1	CHLORIDE	EPA3000	SLUDGE	200	MG/KG	50000			
LC Well 2	SS1-031207-05	0703142-9	SMP	108-86-1	CHLORIDE	EPA3000	SLUDGE	200	MG/KG	55000			
LC Well 2	SS1-031207-02	0703142-12	SMP	75-27-4	CHLORIDE	EPA3000	SLUDGE	500	MG/KG	44000			
LC Well 2	SS1-031207-01	0703142-13	SMP	75-25-2	CHLORIDE	EPA3000	SLUDGE	200	MG/KG	33000			
LC Well 2	SS1-031207-12	0703142-2	SMP	74-83-9	CHLORIDE	EPA3000	SLUDGE	2000	MG/KG	340000			
LC Well 2	SS1-031207-11	0703142-3	SMP	75-15-0	CHLORIDE	EPA3000	SLUDGE	1000	MG/KG	160000			
LC Well 2	SS1-031207-10	0703142-4	SMP	56-23-5	CHLORIDE	EPA3000	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-09	0703142-5	SMP	108-90-7	CHLORIDE	EPA3000	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-08	0703142-6	SMP	75-00-3	CHLORIDE	EPA3000	SLUDGE	1000	MG/KG	200000			
LC Well 2	SS1-031207-12	0703142-14	SMP	15262-20-1	CHROMIUM	SW6010	LEACHATE	1	MGL	0.006	B	0.0057	0.94

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"Preliminary" Summary of Analytical Results that Exceed Detection Limits.
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

Client/ProjName	FieldID	LabID	QCTYP	CASNO	InstName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-11	0703142-15	SMP	13982-63-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.015	B	0.0057	0.45
LC Well 2	SS1-031207-10	0703142-16	SMP	13262-20-1	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0083	B	0.0057	0.75
LC Well 2	SS1-031207-07	0703142-19	SMP	13982-63-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0059	B	0.0057	0.39
LC Well 2	SS1-031207-04	0703142-22	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0058	B	0.0057	
LC Well 2	SS1-031207-03	0703142-23	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0087	B	0.0057	
LC Well 2	SS1-031207-02	0703142-24	SMP	68334-30-5	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.009	B	0.0057	
LC Well 2	SS1-031207-04	0703142-10	SMP	91-20-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	25		0.093	
LC Well 2	SS1-031207-03	0703142-11	SMP	108-88-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	25		0.093	
LC Well 2	SS1-031207-02	0703142-12	SMP	79-34-5	CHROMIUM	SW6010	SLUDGE	1	MG/KG	22		0.087	
LC Well 2	SS1-031207-01	0703142-13	SMP	95-63-6	CHROMIUM	SW6010	SLUDGE	1	MG/KG	23		0.084	
LC Well 2	SS1-031207-12	0703142-2	SMP	106-46-7	CHROMIUM	SW6010	SLUDGE	1	MG/KG	23		0.077	
LC Well 2	SS1-031207-11	0703142-3	SMP	108-10-1	CHROMIUM	SW6010	SLUDGE	1	MG/KG	8.7		0.087	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-15-0	CHROMIUM	SW6010	SLUDGE	1	MG/KG	7.3		0.095	
LC Well 2	SS1-031207-09	0703142-5	SMP	134-48-1	CHROMIUM	SW6010	SLUDGE	1	MG/KG	11		0.1	
LC Well 2	SS1-031207-08	0703142-6	SMP	136777-61-2	CHROMIUM	SW6010	SLUDGE	1	MG/KG	18		0.097	
LC Well 2	SS1-031207-07	0703142-7	SMP	135-98-8	CHROMIUM	SW6010	SLUDGE	1	MG/KG	20		0.094	
LC Well 2	SS1-031207-06	0703142-8	SMP	75-69-4	CHROMIUM	SW6010	SLUDGE	1	MG/KG	24		0.085	
LC Well 2	SS1-031207-05	0703142-9	SMP	104-51-8	CHROMIUM	SW6010	SLUDGE	1	MG/KG	22		0.063	
LC Well 2	SS1-031207-04	0703142-10	SMP	156-60-5	COPPER	SW6010	SLUDGE	1	MG/KG	24		0.063	
LC Well 2	SS1-031207-03	0703142-11	SMP	76-13-1	COPPER	SW6010	SLUDGE	1	MG/KG	16		0.059	
LC Well 2	SS1-031207-02	0703142-12	SMP	96-12-8	COPPER	SW6010	SLUDGE	1	MG/KG	130		0.057	
LC Well 2	SS1-031207-01	0703142-13	SMP	54-10-5	COPPER	SW6010	SLUDGE	1	MG/KG	4.8		0.052	
LC Well 2	SS1-031207-12	0703142-2	SMP	67-64-1	COPPER	SW6010	SLUDGE	1	MG/KG	7		0.059	
LC Well 2	SS1-031207-11	0703142-3	SMP	56-23-5	COPPER	SW6010	SLUDGE	1	MG/KG	6		0.064	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-96-3	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.069	
LC Well 2	SS1-031207-09	0703142-5	SMP	163-04-4	COPPER	SW6010	SLUDGE	1	MG/KG	8.6		0.066	
LC Well 2	SS1-031207-08	0703142-6	SMP	100-42-5	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.064	
LC Well 2	SS1-031207-07	0703142-7	SMP	108-05-4	COPPER	SW6010	SLUDGE	1	MG/KG	12		0.057	
LC Well 2	SS1-031207-06	0703142-8	SMP	563-58-6	COPPER	SW6010	SLUDGE	1	MG/KG	13		0.061	
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	340	D.H	2	
LC Well 2	SS1-031207-11	0703142-3	SMP	16984-48-8	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	90	H	2.3	
LC Well 2	SS1-031207-10	0703142-4	SMP	14797-55-8	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	17	H	2.5	
LC Well 2	SS1-031207-04	0703142-10	SMP	7440-61-1	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1100	L.D.H	2.4	
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-38-2	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1100	L.D.H	2.5	
LC Well 2	SS1-031207-02	0703142-12	SMP	7440-38-2	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1100	L.D.H	2.4	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-39-3	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	610	L.D.H	2.3	
LC Well 2	SS1-031207-09	0703142-5	SMP	7440-43-9	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	780	L.D.H	2.8	
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-1	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1500	L.D.H	2.6	
LC Well 2	SS1-031207-07	0703142-7	SMP	7782-49-2	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1300	L.D.H	2.3	
LC Well 2	SS1-031207-06	0703142-8	SMP	7440-22-4	Diesel Range Organics	SW6015M	SLUDGE	1	MG/KG	1400	L.D.H	2.3	
LC Well 2	SS1-031207-05	0703142-9	SMP	7440-38-2	Diesel Range Organics	SW6015M	SLUDGE	5	MG/KG	1800	L.D.H	12	
LC Well 2	SS1-031207-04	0703142-13	SMP	16887-00-6	ETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	42	J	23	
LC Well 2	SS1-031207-01	0703142-10	SMP	71-55-6	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	3700		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	106-93-4	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	3700		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	591-78-6	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SS1-031207-01	0703142-3	SMP	67-46-3	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	480		120	
LC Well 2	SS1-031207-09	0703142-5	SMP	74-88-4	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	550		140	

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Client/Project Name	Field ID	Lab ID	OC Typ	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SSI-031207-08	0703142-6	SMP	135-98-8	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	2100		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	71-55-6	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	1600		130	
LC Well 2	SSI-031207-06	0703142-8	SMP	106-93-4	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	3700		120	
LC Well 2	SSI-031207-05	0703142-9	SMP	106-43-4	ETHYLBENZENE	SW6260	SLUDGE	50	UG/KG	3000		120	
LC Well 2	SSI-031207-12	0703142-2	SMP	75-00-3	ETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	220		21	
LC Well 2	SSI-031207-10	0703142-4	SMP	136177-61-2	ETHYLBENZENE	SW6260	SLUDGE	10	UG/KG	260		26	
LC Well 2	SSI-031207-04	0703142-10	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	28	G	0.06	
LC Well 2	SSI-031207-03	0703142-11	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	24	G	0.062	
LC Well 2	SSI-031207-02	0703142-12	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	5.9	G	0.053	
LC Well 2	SSI-031207-12	0703142-2	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	5.4	G	0.049	
LC Well 2	SSI-031207-11	0703142-3	SMP	7439-97-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	9.5	G	0.054	
LC Well 2	SSI-031207-10	0703142-4	SMP	16887-00-6	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	6.6	G	0.055	
LC Well 2	SSI-031207-09	0703142-5	SMP	16994-48-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	10	G	0.064	
LC Well 2	SSI-031207-08	0703142-6	SMP	14797-55-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	3.1	G	0.059	
LC Well 2	SSI-031207-07	0703142-7	SMP	14808-79-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	14	G	0.055	
LC Well 2	SSI-031207-06	0703142-8	SMP	16894-48-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	27	G	0.057	
LC Well 2	SSI-031207-05	0703142-9	SMP	14797-55-8	GASOLINE RANGE ORGANICS	SW6015	SLUDGE	1	MG/KG	15	G	0.057	
LC Well 2	SSI-031207-04	0703142-13	SMP	10065-1	GASOLINE RANGE ORGANICS	SW6010	SLUDGE	1	MG/KG	5.1	G,H	0.053	
LC Well 2	SSI-031207-03	0703142-10	SMP	10061-02-6	IRON	SW6010	SLUDGE	1	MG/KG	12000		0.9	
LC Well 2	SSI-031207-02	0703142-12	SMP	79-00-5	IRON	SW6010	SLUDGE	1	MG/KG	11000		0.9	
LC Well 2	SSI-031207-01	0703142-13	SMP	106-93-4	IRON	SW6010	SLUDGE	1	MG/KG	12000		0.84	
LC Well 2	SSI-031207-12	0703142-2	SMP	594-20-7	IRON	SW6010	SLUDGE	1	MG/KG	2600		0.82	
LC Well 2	SSI-031207-11	0703142-3	SMP	71-43-2	IRON	SW6010	SLUDGE	1	MG/KG	4800		0.74	
LC Well 2	SSI-031207-10	0703142-4	SMP	108-90-7	IRON	SW6010	SLUDGE	1	MG/KG	4200		0.84	
LC Well 2	SSI-031207-09	0703142-5	SMP	75-71-8	IRON	SW6010	SLUDGE	1	MG/KG	3600		0.92	
LC Well 2	SSI-031207-08	0703142-6	SMP	75-09-2	IRON	SW6010	SLUDGE	1	MG/KG	5300		0.99	
LC Well 2	SSI-031207-07	0703142-7	SMP	98-06-6	IRON	SW6010	SLUDGE	1	MG/KG	7100		0.94	
LC Well 2	SSI-031207-06	0703142-8	SMP	75-01-4	IRON	SW6010	SLUDGE	1	MG/KG	8200		0.92	
LC Well 2	SSI-031207-05	0703142-9	SMP	87-61-6	IRON	SW6010	SLUDGE	1	MG/KG	11000		0.82	
LC Well 2	SSI-031207-04	0703142-10	SMP	16994-48-8	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	13000		0.87	
LC Well 2	SSI-031207-03	0703142-11	SMP	14797-55-8	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	330	J	120	
LC Well 2	SSI-031207-02	0703142-12	SMP	16887-00-6	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	230	J	120	
LC Well 2	SSI-031207-01	0703142-13	SMP	79-34-5	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	250	J	140	
LC Well 2	SSI-031207-04	0703142-10	SMP	95-50-1	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	26	J	23	
LC Well 2	SSI-031207-03	0703142-11	SMP	100-42-5	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	690		130	
LC Well 2	SSI-031207-08	0703142-6	SMP	79-34-5	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	640		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	95-50-1	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	630		130	
LC Well 2	SSI-031207-06	0703142-8	SMP	108-10-1	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	460		130	
LC Well 2	SSI-031207-05	0703142-9	SMP	67-66-3	ISOPROPYLBENZENE	SW6260	SLUDGE	50	UG/KG	870		120	
LC Well 2	SSI-031207-04	0703142-10	SMP	1634-04-4	ISOPROPYLBENZENE	SW6260	SLUDGE	10	UG/KG	740		120	
LC Well 2	SSI-031207-12	0703142-4	SMP	13982-63-3	LEAD	SW6010	LEACHATE	1	MG/L	0.021	B	0.018	0.58
LC Well 2	SSI-031207-11	0703142-5	SMP	15282-20-1	LEAD	SW6010	LEACHATE	1	MG/L	0.03	B	0.018	0.62
LC Well 2	SSI-031207-04	0703142-24	SMP	66334-30-5	LEAD	SW6010	LEACHATE	1	MG/L	0.02	B	0.018	
LC Well 2	SSI-031207-06	0703142-10	SMP	95-47-6	LEAD	SW6010	SLUDGE	1	MG/KG	8.6		0.37	
LC Well 2	SSI-031207-03	0703142-11	SMP	79-01-6	LEAD	SW6010	SLUDGE	1	MG/KG	9.1		0.37	
LC Well 2	SSI-031207-02	0703142-12	SMP	75-34-3	LEAD	SW6010	SLUDGE	1	MG/KG	12		0.34	

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Client/Profile Name	FieldID	LabID	OCType	CASNO	IndTestName	AnalMethod	Matrix	AnalID1	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-01	0703142-13	SMP	95-50-1	LEAD	SW6010	SUDGE	1	MG/KG	48		0.33	
LC Well 2	SS1-031207-12	0703142-2	SMP	78-93-3	LEAD	SW6010	SUDGE	1	MG/KG	7.1		0.3	
LC Well 2	SS1-031207-11	0703142-3	SMP	108-86-1	LEAD	SW6010	SUDGE	1	MG/KG	6.1		0.34	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-00-3	LEAD	SW6010	SUDGE	1	MG/KG	3.7		0.37	
LC Well 2	SS1-031207-09	0703142-5	SMP	100-41-4	LEAD	SW6010	SUDGE	1	MG/KG	17		0.4	
LC Well 2	SS1-031207-08	0703142-6	SMP	91-20-3	LEAD	SW6010	SUDGE	1	MG/KG	5.8		0.38	
LC Well 2	SS1-031207-07	0703142-7	SMP	127-18-4	LEAD	SW6010	SUDGE	1	MG/KG	12		0.37	
LC Well 2	SS1-031207-06	0703142-8	SMP	630-20-6	LEAD	SW6010	SUDGE	1	MG/KG	8.1		0.33	
LC Well 2	SS1-031207-05	0703142-9	SMP	96-18-4	LEAD	SW6010	SUDGE	1	MG/KG	10		0.35	
LC Well 2	SS1-031207-04	0703142-10	SMP	76-13-1	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	5900		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	107-06-2	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	5900		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	106-43-4	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	2800		120	
LC Well 2	SS1-031207-01	0703142-13	SMP	74-83-9	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	570		110	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-87-3	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	3000		120	
LC Well 2	SS1-031207-09	0703142-5	SMP	98-82-8	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	3800		140	
LC Well 2	SS1-031207-08	0703142-6	SMP	98-06-6	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	6400		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	76-13-1	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	4000		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	107-06-2	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	5000		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	67-64-1	M+P-XYLENE	SW8260	SUDGE	50	UG/KG	6600		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	74-87-3	M+P-XYLENE	SW8260	SUDGE	10	UG/KG	1400		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-09-2	M+P-XYLENE	SW8260	SUDGE	10	UG/KG	1200		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	156-60-5	M+P-XYLENE	SW8260	SUDGE	10	UG/KG	340		23	
LC Well 2	SS1-031207-04	0703142-10	SMP	99-87-6	MANGANESE	SW6010	SUDGE	1	MG/KG	180		0.021	
LC Well 2	SS1-031207-03	0703142-11	SMP	75-69-4	MANGANESE	SW6010	SUDGE	1	MG/KG	170		0.021	
LC Well 2	SS1-031207-02	0703142-12	SMP	75-35-4	MANGANESE	SW6010	SUDGE	1	MG/KG	220		0.019	
LC Well 2	SS1-031207-01	0703142-13	SMP	107-06-2	MANGANESE	SW6010	SUDGE	1	MG/KG	530		0.019	
LC Well 2	SS1-031207-12	0703142-2	SMP	95-49-8	MANGANESE	SW6010	SUDGE	1	MG/KG	98		0.017	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-97-5	MANGANESE	SW6010	SUDGE	1	MG/KG	88		0.019	
LC Well 2	SS1-031207-09	0703142-5	SMP	67-66-3	MANGANESE	SW6010	SUDGE	1	MG/KG	72		0.021	
LC Well 2	SS1-031207-08	0703142-6	SMP	87-68-3	MANGANESE	SW6010	SUDGE	1	MG/KG	95		0.023	
LC Well 2	SS1-031207-07	0703142-7	SMP	104-51-8	MANGANESE	SW6010	SUDGE	1	MG/KG	110		0.021	
LC Well 2	SS1-031207-06	0703142-8	SMP	108-88-3	MANGANESE	SW6010	SUDGE	1	MG/KG	120		0.021	
LC Well 2	SS1-031207-05	0703142-9	SMP	71-55-6	MANGANESE	SW6010	SUDGE	1	MG/KG	150		0.019	
LC Well 2	SS1-031207-04	0703142-14	SMP	120-82-1	MANGANESE	SW6010	SUDGE	1	MG/KG	180		0.02	
LC Well 2	SS1-031207-12	0703142-15	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00012	B	0.00049	
LC Well 2	SS1-031207-09	0703142-17	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00025	B	0.00049	
LC Well 2	SS1-031207-08	0703142-18	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00027	B	0.00049	
LC Well 2	SS1-031207-07	0703142-19	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00016	B	0.00049	
LC Well 2	SS1-031207-06	0703142-20	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00049	B	0.00049	
LC Well 2	SS1-031207-05	0703142-21	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.00049	
LC Well 2	SS1-031207-04	0703142-22	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00014	B	0.00049	
LC Well 2	SS1-031207-03	0703142-23	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.00049	
LC Well 2	SS1-031207-02	0703142-24	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.00015	B	0.00049	
LC Well 2	SS1-031207-01	0703142-25	SMP	10-30-0	MERCURY	SW7470	LEACHATE	1	MG/L	0.0001	B	0.00049	
LC Well 2	SS1-031207-04	0703142-10	SMP	13982-63-3	MERCURY	SW7471	SUDGE	1	MG/KG	0.03	B	0.0012	0.41
LC Well 2	SS1-031207-03	0703142-11	SMP	15262-20-1	MERCURY	SW7471	SUDGE	1	MG/KG	0.033	B	0.0012	
LC Well 2	SS1-031207-02	0703142-12	SMP			SW7471	SUDGE	1	MG/KG	0.032	B	0.0012	0.92

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4/11/2007

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndstName	AnaIMethod	Matrix	AnaDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-01	0703142-13	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.0084	B	0.0071	0.34
LC Well 2	SS1-031207-12	0703142-2	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.016	B	0.001	0.59
LC Well 2	SS1-031207-10	0703142-3	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.034	B	0.0012	0.75
LC Well 2	SS1-031207-08	0703142-4	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.014	B	0.0013	0.98
LC Well 2	SS1-031207-07	0703142-7	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.021	B	0.0013	0.47
LC Well 2	SS1-031207-06	0703142-8	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.023	B	0.0012	0.54
LC Well 2	SS1-031207-05	0703142-9	SMP	13982-63-3	MERCURY	SW7471	SLUDGE	1	MG/KG	0.026	B	0.0012	0.46
LC Well 2	SS1-031207-04	0703142-10	SMP	15262-20-1	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0012	0.8
LC Well 2	SS1-031207-03	0703142-11	SMP	79-50-5	MERCURY	SW7471	SLUDGE	1	MG/KG	0.074		0.0014	
LC Well 2	SS1-031207-02	0703142-12	SMP	78-87-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1400		130	
LC Well 2	SS1-031207-01	0703142-13	SMP	75-15-0	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1000		120	
LC Well 2	SS1-031207-11	0703142-3	SMP	156-59-2	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	380		110	
LC Well 2	SS1-031207-09	0703142-5	SMP	136777-61-2	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1000		120	
LC Well 2	SS1-031207-08	0703142-6	SMP	127-18-4	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SS1-031207-07	0703142-7	SMP	79-80-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1400		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	78-87-5	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1300		130	
LC Well 2	SS1-031207-05	0703142-9	SMP	71-43-2	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	2200		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	156-59-2	NAPHTHALENE	SW8260	SLUDGE	10	UG/KG	360		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	10	UG/KG	750		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	10061-02-6	NAPHTHALENE	SW8260	SLUDGE	10	UG/KG	200		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	14797-55-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	170	J	80	
LC Well 2	SS1-031207-12	0703142-2	SMP	16984-48-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	130	J	73	
LC Well 2	SS1-031207-11	0703142-3	SMP	14797-55-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	380	J	82	
LC Well 2	SS1-031207-10	0703142-4	SMP	16984-48-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	160	J	89	
LC Well 2	SS1-031207-09	0703142-5	SMP	14808-79-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	250	J	99	
LC Well 2	SS1-031207-04	0703142-11	SMP	67-86-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	780		88	
LC Well 2	SS1-031207-03	0703142-11	SMP	10061-01-5	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	810		89	
LC Well 2	SS1-031207-02	0703142-12	SMP	75-71-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	650		85	
LC Well 2	SS1-031207-01	0703142-7	SMP	104-51-8	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	740		92	
LC Well 2	SS1-031207-08	0703142-6	SMP	99-87-6	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	680		88	
LC Well 2	SS1-031207-07	0703142-7	SMP	98-06-6	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1300		82	
LC Well 2	SS1-031207-06	0703142-8	SMP	156-60-5	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		85	
LC Well 2	SS1-031207-05	0703142-9	SMP	16887-00-6	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	110	J	110	
LC Well 2	SS1-031207-04	0703142-10	SMP	75-34-3	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	640		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	108-67-8	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	630		130	
LC Well 2	SS1-031207-02	0703142-12	SMP	67-84-1	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	400		120	
LC Well 2	SS1-031207-11	0703142-3	SMP	10061-01-5	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	520		120	
LC Well 2	SS1-031207-09	0703142-5	SMP	1634-04-4	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	440		140	
LC Well 2	SS1-031207-08	0703142-6	SMP	108-88-3	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	630		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	73-34-3	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	990		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	108-86-1	N-BUTYLBENZENE	SW8280	SLUDGE	50	UG/KG	800		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	10061-01-5	N-BUTYLBENZENE	SW8280	SLUDGE	10	UG/KG	150		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	104-51-8	N-BUTYLBENZENE	SW8280	SLUDGE	10	UG/KG	340		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	79-01-6	N-BUTYLBENZENE	SW8280	SLUDGE	10	UG/KG	69		23	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	N-PROPYLBENZENE	SW8280	SLUDGE	10	UG/KG	53	J	23	

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Client/ProjName	FieldID	LabID	OCType	CASNO	InciTestName	AnalMethod	Matrix	AnalQty	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SSI-031207-04	0703142-10	SMP	75-35-4	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SSI-031207-03	0703142-11	SMP	54-1-73-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		130	
LC Well 2	SSI-031207-02	0703142-12	SMP	71-43-2	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	470		120	
LC Well 2	SSI-031207-11	0703142-3	SMP	124-48-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	440		120	
LC Well 2	SSI-031207-09	0703142-5	SMP	75-09-2	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	470		140	
LC Well 2	SSI-031207-08	0703142-6	SMP	156-60-5	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	980		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	75-35-4	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	720		130	
LC Well 2	SSI-031207-06	0703142-8	SMP	54-1-73-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		120	
LC Well 2	SSI-031207-05	0703142-9	SMP	74-97-5	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SSI-031207-12	0703142-2	SMP	124-48-1	N-PROPYLBENZENE	SW8260	SLUDGE	10	UG/KG	180		21	
LC Well 2	SSI-031207-10	0703142-4	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	10	UG/KG	250		26	
LC Well 2	SSI-031207-04	0703142-10	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1200	B		
LC Well 2	SSI-031207-03	0703142-11	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1600	B		
LC Well 2	SSI-031207-02	0703142-12	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1300	B		
LC Well 2	SSI-031207-01	0703142-13	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	830	B		
LC Well 2	SSI-031207-12	0703142-2	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	240	B		
LC Well 2	SSI-031207-11	0703142-3	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	570	B		
LC Well 2	SSI-031207-10	0703142-4	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	350	B		
LC Well 2	SSI-031207-09	0703142-5	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	660	B		
LC Well 2	SSI-031207-08	0703142-6	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1800	B		
LC Well 2	SSI-031207-07	0703142-7	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1200	B		
LC Well 2	SSI-031207-06	0703142-8	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400	B		
LC Well 2	SSI-031207-05	0703142-9	SMP	57-12-5	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	2200	B		
LC Well 2	SSI-031207-04	0703142-10	SMP	563-58-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		130	
LC Well 2	SSI-031207-03	0703142-11	SMP	142-28-9	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2300		130	
LC Well 2	SSI-031207-02	0703142-12	SMP	108-86-1	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1200		120	
LC Well 2	SSI-031207-01	0703142-13	SMP	56-23-5	O-XYLENE	SW8260	SLUDGE	50	UG/KG	450		110	
LC Well 2	SSI-031207-11	0703142-3	SMP	74-95-3	O-XYLENE	SW8260	SLUDGE	50	UG/KG	870		120	
LC Well 2	SSI-031207-09	0703142-5	SMP	91-20-3	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		140	
LC Well 2	SSI-031207-08	0703142-6	SMP	10061-02-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2400		130	
LC Well 2	SSI-031207-07	0703142-7	SMP	563-58-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1600		130	
LC Well 2	SSI-031207-06	0703142-8	SMP	142-28-9	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		120	
LC Well 2	SSI-031207-05	0703142-9	SMP	75-27-4	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2500		120	
LC Well 2	SSI-031207-12	0703142-2	SMP	74-95-3	O-XYLENE	SW8260	SLUDGE	10	UG/KG	410		21	
LC Well 2	SSI-031207-10	0703142-4	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	10	UG/KG	420		26	
LC Well 2	SSI-031207-01	0703142-13	SMP	75-69-4	O-XYLENE	SW8260	SLUDGE	10	UG/KG	190		23	
LC Well 2	SSI-031207-03	0703142-11	SMP	14808-79-8	PENTACHLOROPHENOL	SW8270	SLUDGE	1	UG/KG	420	J	120	
LC Well 2	SSI-031207-04	0703142-10	SMP	106-93-4	PH	SW9045	SLUDGE	1	PH	9.47			
LC Well 2	SSI-031207-03	0703142-11	SMP	95-50-1	PH	SW9045	SLUDGE	1	PH	9.25			
LC Well 2	SSI-031207-02	0703142-12	SMP	107-06-2	PH	SW9045	SLUDGE	1	PH	10.31			
LC Well 2	SSI-031207-01	0703142-13	SMP	78-87-5	PH	SW9045	SLUDGE	1	PH	11.34			
LC Well 2	SSI-031207-12	0703142-2	SMP	108-67-8	PH	SW9045	SLUDGE	1	PH	7.44			
LC Well 2	SSI-031207-11	0703142-3	SMP	54-1-73-1	PH	SW9045	SLUDGE	1	PH	7.56			
LC Well 2	SSI-031207-10	0703142-4	SMP	142-28-9	PH	SW9045	SLUDGE	1	PH	9.01			
LC Well 2	SSI-031207-09	0703142-5	SMP	106-46-7	PH	SW9045	SLUDGE	1	PH	11.18			
LC Well 2	SSI-031207-08	0703142-6	SMP	54-10-5	PH	SW9045	SLUDGE	1	PH	7.63			
LC Well 2	SSI-031207-07	0703142-7	SMP	564-20-7	PH	SW9045	SLUDGE	1	PH	7.82			
LC Well 2	SSI-031207-06	0703142-8	SMP	78-93-3	PH	SW9045	SLUDGE	1	PH	7.94			

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LC Well 2	SS1-031207-05	0703142-9	SMP	95-49-8	PH	SW6045	SLUDGE	1	PH	7.89			
LC Well 2	SS1-031207-04	0703142-10	SMP	14797-55-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	340	J	130	
LC Well 2	SS1-031207-03	0703142-11	SMP	14808-79-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	330	J	130	
LC Well 2	SS1-031207-02	0703142-12	SMP	14797-55-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	170	J	120	
LC Well 2	SS1-031207-01	0703142-13	SMP	16994-48-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	130	J	110	
LC Well 2	SS1-031207-11	0703142-3	SMP	16887-00-6	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	190	J	120	
LC Well 2	SS1-031207-09	0703142-5	SMP	14808-79-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	190	J	140	
LC Well 2	SS1-031207-08	0703142-6	SMP	16994-48-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	320	J	130	
LC Well 2	SS1-031207-07	0703142-7	SMP	14797-55-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	340	J	130	
LC Well 2	SS1-031207-06	0703142-8	SMP	106-46-7	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	440		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	75-25-2	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	50	UG/KG	420		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	75-71-8	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	10	UG/KG	69		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	10	UG/KG	120		26	
LC Well 2	SS1-031207-01	0703142-13	SMP	108-05-4	P-ISOPROPYLTOLUENE	SW6260	SLUDGE	10	UG/KG	90		23	
LC Well 2	SS1-031207-04	0703142-10	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.16	G		
LC Well 2	SS1-031207-03	0703142-11	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.35	G		
LC Well 2	SS1-031207-02	0703142-12	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.27	G		
LC Well 2	SS1-031207-01	0703142-13	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.84	G		
LC Well 2	SS1-031207-09	0703142-5	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.23	G		
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.23	G		
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.41	G		
LC Well 2	SS1-031207-06	0703142-8	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.09	G		
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	Ra-226	713R9	SLUDGE		PC/Kg	1.6	G		
LC Well 2	SS1-031207-11	0703142-3	SMP	7440-39-3	Ra-226	713R9	SLUDGE		PC/Kg	0.88	LT.G		
LC Well 2	SS1-031207-12	0703142-2	SMP	7440-47-3	Ra-226	713R9	SLUDGE		PC/Kg	0.51	LT.G, TI		
LC Well 2	SS1-031207-10	0703142-4	SMP	7782-49-2	Ra-226	713R9	SLUDGE		PC/Kg	0.59	LT.G, TI		
LC Well 2	SS1-031207-01	0703142-13	SMP	14808-79-8	Ra-228	713R9	SLUDGE		PC/Kg	1.02	G, TI		
LC Well 2	SS1-031207-03	0703142-11	SMP	7440-43-9	Ra-228	713R9	SLUDGE		PC/Kg	0.7	LT.G, TI		
LC Well 2	SS1-031207-12	0703142-2	SMP	7439-92-1	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	0.85	LT.G, TI	120	
LC Well 2	SS1-031207-11	0703142-3	SMP	16994-48-8	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	280	J	120	
LC Well 2	SS1-031207-09	0703142-5	SMP	16887-00-6	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	250	J	140	
LC Well 2	SS1-031207-01	0703142-13	SMP	7440-61-1	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	58	J	23	
LC Well 2	SS1-031207-04	0703142-10	SMP	87-61-6	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	410		130	
LC Well 2	SS1-031207-03	0703142-11	SMP	106-46-7	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	400		130	
LC Well 2	SS1-031207-08	0703142-6	SMP	79-01-6	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	490		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	87-61-6	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	390		130	
LC Well 2	SS1-031207-06	0703142-8	SMP	544-10-5	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	710		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	74-83-9	SEC-BUTYLBENZENE	SW6260	SLUDGE	50	UG/KG	560		120	
LC Well 2	SS1-031207-12	0703142-2	SMP	100-41-4	SEC-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	93		21	
LC Well 2	SS1-031207-10	0703142-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW6260	SLUDGE	10	UG/KG	190		0.06	
LC Well 2	SS1-031207-01	0703142-25	SMP	8008-61-9	SELENIUM	SW6010	LEACHATE	1	MGL	0.047	B		
LC Well 2	SS1-031207-08	0703142-6	SMP	7439-97-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.64	B	0.54	
LC Well 2	SS1-031207-07	0703142-7	SMP	7439-97-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.74	B	0.53	
LC Well 2	SS1-031207-04	0703142-10	SMP	135-98-8	SELENIUM	SW6010	SLUDGE	1	MG/KG	2		0.52	
LC Well 2	SS1-031207-03	0703142-11	SMP	108-05-4	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.6		0.52	
LC Well 2	SS1-031207-02	0703142-12	SMP	563-58-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.3		0.48	
LC Well 2	SS1-031207-01	0703142-13	SMP	78-87-5	SELENIUM	SW6010	SLUDGE	1	MG/KG	0.95		0.47	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

4/11/2007

Client/Profile Name	Field ID	Lab ID	OC Type	CASNO	Indt/Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
LC Well 2	SS1-031207-06	0703142-8	SMP	79-34-5	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.5		0.47	
LC Well 2	SS1-031207-05	0703142-9	SMP	95-63-6	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.8		0.5	
LC Well 2	SS1-031207-03	0703142-11	SMP	8006-61-9	SILVER	SW6010	SLUDGE	1	MG/KG	0.15	B	0.085	
LC Well 2	SS1-031207-02	0703142-12	SMP	8006-61-9	SILVER	SW6010	SLUDGE	1	MG/KG	0.079	B	0.079	
LC Well 2	SS1-031207-07	0703142-7	SMP	7339-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.11	B	0.086	
LC Well 2	SS1-031207-06	0703142-8	SMP	7439-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.11	B	0.077	
LC Well 2	SS1-031207-05	0703142-9	SMP	7439-97-6	SILVER	SW6010	SLUDGE	1	MG/KG	0.25	B	0.082	
LC Well 2	SS1-031207-04	0703142-10	SMP	591-78-6	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11070			
LC Well 2	SS1-031207-03	0703142-11	SMP	106-43-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11260			
LC Well 2	SS1-031207-02	0703142-12	SMP	108-10-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	10680			
LC Well 2	SS1-031207-01	0703142-13	SMP	67-64-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	8860			
LC Well 2	SS1-031207-12	0703142-3	SMP	71-43-2	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	65200			
LC Well 2	SS1-031207-11	0703142-3	SMP	108-86-1	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	38100			
LC Well 2	SS1-031207-10	0703142-4	SMP	74-97-5	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	45100			
LC Well 2	SS1-031207-09	0703142-5	SMP	75-27-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	4200			
LC Well 2	SS1-031207-08	0703142-6	SMP	74-83-9	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	29100			
LC Well 2	SS1-031207-06	0703142-8	SMP	75-15-0	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11490			
LC Well 2	SS1-031207-05	0703142-9	SMP	56-23-5	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	11360			
LC Well 2	SS1-031207-04	0703142-10	SMP	78-87-5	SULFATE	EPA300.0	SLUDGE	20	MG/KG	28000			
LC Well 2	SS1-031207-03	0703142-11	SMP	541-73-1	SULFATE	EPA300.0	SLUDGE	20	MG/KG	28000			
LC Well 2	SS1-031207-02	0703142-12	SMP	142-28-9	SULFATE	EPA300.0	SLUDGE	100	MG/KG	32000			
LC Well 2	SS1-031207-01	0703142-13	SMP	106-46-7	SULFATE	EPA300.0	SLUDGE	100	MG/KG	20000			
LC Well 2	SS1-031207-12	0703142-2	SMP	544-10-5	SULFATE	EPA300.0	SLUDGE	100	MG/KG	57000			
LC Well 2	SS1-031207-11	0703142-3	SMP	594-20-7	SULFATE	EPA300.0	SLUDGE	50	MG/KG	59000			
LC Well 2	SS1-031207-10	0703142-4	SMP	78-93-3	SULFATE	EPA300.0	SLUDGE	50	MG/KG	72000			
LC Well 2	SS1-031207-09	0703142-5	SMP	95-49-8	SULFATE	EPA300.0	SLUDGE	500	MG/KG	89000			
LC Well 2	SS1-031207-08	0703142-6	SMP	591-78-6	SULFATE	EPA300.0	SLUDGE	50	MG/KG	38000			
LC Well 2	SS1-031207-07	0703142-7	SMP	108-10-1	SULFATE	EPA300.0	SLUDGE	50	MG/KG	53000			
LC Well 2	SS1-031207-06	0703142-8	SMP	71-43-2	SULFATE	EPA300.0	SLUDGE	200	MG/KG	31000			
LC Well 2	SS1-031207-05	0703142-9	SMP	74-97-5	SULFATE	EPA300.0	SLUDGE	20	MG/KG	19000			
LC Well 2	SS1-031207-04	0703142-13	SMP	14797-55-8	TOLUENE	SW6260	SLUDGE	50	UG/KG	160	J	110	
LC Well 2	SS1-031207-03	0703142-10	SMP	96-18-4	TOLUENE	SW6260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SS1-031207-02	0703142-11	SMP	544-10-5	TOLUENE	SW6260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SS1-031207-01	0703142-12	SMP	74-97-5	TOLUENE	SW6260	SLUDGE	50	UG/KG	2000		120	
LC Well 2	SS1-031207-11	0703142-3	SMP	75-71-8	TOLUENE	SW6260	SLUDGE	50	UG/KG	1100		120	
LC Well 2	SS1-031207-10	0703142-4	SMP	104-51-8	TOLUENE	SW6260	SLUDGE	50	UG/KG	1200		140	
LC Well 2	SS1-031207-09	0703142-5	SMP	75-69-4	TOLUENE	SW6260	SLUDGE	50	UG/KG	4600		130	
LC Well 2	SS1-031207-08	0703142-6	SMP	96-18-4	TOLUENE	SW6260	SLUDGE	50	UG/KG	3000		130	
LC Well 2	SS1-031207-07	0703142-7	SMP	994-20-7	TOLUENE	SW6260	SLUDGE	50	UG/KG	5600		120	
LC Well 2	SS1-031207-06	0703142-8	SMP	75-15-0	TOLUENE	SW6260	SLUDGE	50	UG/KG	5300		120	
LC Well 2	SS1-031207-05	0703142-9	SMP	87-68-3	TOLUENE	SW6260	SLUDGE	10	UG/KG	490		21	
LC Well 2	SS1-031207-04	0703142-10	SMP	100-42-5	TOLUENE	SW6260	SLUDGE	10	UG/KG	470		26	
LC Well 2	SS1-031207-03	0703142-11	SMP	75-01-4	TOLUENE	SW6260	SLUDGE	10	UG/KG	80		23	
LC Well 2	SS1-031207-02	0703142-12	SMP	67-66-3	URANIUM	SW6020	SLUDGE	10	UG/KG	1000		0.4	
LC Well 2	SS1-031207-01	0703142-13	SMP	74-87-3	URANIUM	SW6020	SLUDGE	10	UG/KG	1000		0.4	
LC Well 2	SS1-031207-02	0703142-12	SMP	156-59-2	URANIUM	SW6020	SLUDGE	10	UG/KG	760		0.37	
LC Well 2	SS1-031207-01	0703142-13	SMP	10061-01-5	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		0.36	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits.
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

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Client/ProjName	FieldID	LabID	OCTyp	CASNO	IndtResName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 2	SS1-031207-12	0703142-2	SMP	124-48-1	URANIUM	SW6020	SLUDGE	10	UG/KG	10000		0.33	
LC Well 2	SS1-031207-11	0703142-3	SMP	74-95-3	URANIUM	SW6020	SLUDGE	10	UG/KG	520		0.37	
LC Well 2	SS1-031207-10	0703142-4	SMP	75-71-8	URANIUM	SW6020	SLUDGE	10	UG/KG	570		0.41	
LC Well 2	SS1-031207-09	0703142-5	SMP	100-41-4	URANIUM	SW6020	SLUDGE	10	UG/KG	740		0.44	
LC Well 2	SS1-031207-08	0703142-6	SMP	87-68-3	URANIUM	SW6020	SLUDGE	10	UG/KG	630		0.42	
LC Well 2	SS1-031207-07	0703142-7	SMP	74-88-4	URANIUM	SW6020	SLUDGE	10	UG/KG	800		0.41	
LC Well 2	SS1-031207-06	0703142-8	SMP	98-82-8	URANIUM	SW6020	SLUDGE	10	UG/KG	740		0.37	
LC Well 2	SS1-031207-05	0703142-9	SMP	136777-61-2	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.39	
LC Well 2	SS1-031207-04	0703142-10	SMP	100-42-5	URANIUM	SW6010	SLUDGE	1	MG/KG	77		0.43	
LC Well 2	SS1-031207-03	0703142-11	SMP	75-01-4	ZINC	SW6010	SLUDGE	1	MG/KG	84		0.43	
LC Well 2	SS1-031207-02	0703142-12	SMP	87-61-6	ZINC	SW6010	SLUDGE	1	MG/KG	77		0.4	
LC Well 2	SS1-031207-01	0703142-13	SMP	108-67-8	ZINC	SW6010	SLUDGE	1	MG/KG	78		0.39	
LC Well 2	SS1-031207-12	0703142-2	SMP	591-78-6	ZINC	SW6010	SLUDGE	1	MG/KG	24		0.36	
LC Well 2	SS1-031207-11	0703142-3	SMP	75-27-4	ZINC	SW6010	SLUDGE	1	MG/KG	73		0.4	
LC Well 2	SS1-031207-10	0703142-4	SMP	74-87-3	ZINC	SW6010	SLUDGE	1	MG/KG	59		0.44	
LC Well 2	SS1-031207-09	0703142-5	SMP	74-88-4	ZINC	SW6010	SLUDGE	1	MG/KG	70		0.48	
LC Well 2	SS1-031207-08	0703142-6	SMP	103-65-1	ZINC	SW6010	SLUDGE	1	MG/KG	90		0.44	
LC Well 2	SS1-031207-07	0703142-7	SMP	156-60-5	ZINC	SW6010	SLUDGE	1	MG/KG	110		0.44	
LC Well 2	SS1-031207-06	0703142-8	SMP	76-13-1	ZINC	SW6010	SLUDGE	1	MG/KG	77		0.39	
LC Well 2	SS1-031207-05	0703142-9	SMP	96-12-8	ZINC	SW6010	SLUDGE	1	MG/KG	120		0.42	

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium
^cReporting Limit

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

pc/g = Picocuries per gram

ug/kg = Micrograms per kilogram

umhos/cm = Micromhos per centimeter

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

E = Compounds whose concentration exceeds the upper limit of the calibration range.

J = Estimated value.

U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO

D = A pattern resembling diesel was detected in sample.

G = A pattern resembling gasoline was detected in sample.

H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions

B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or equal to the Method Detection Limit.

U = Analyte was analyzed for but not detected.

Qualifiers for Radium

G = Sample density differs by more than 15% of LCS density

U = Result is less than the sample specific MDC.

LT = Result is less than the requested MDC and greater than the sample specific MDC

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"Preliminary" Summary of Analytical Results That Exceed Regulatory Limits
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

Sample ID	Sample Matrix	Parameter	Units	Result	MDL	Qualifier	EPA Region 9 PRGs	Exceedance of EPA PRGs	NMED SSLs	Exceedance of NMED SSLs
SS1-031207-01	SLUDGE	ARSENIC	mg/kg	4.7	0.73		1.60	3.10	17.70	
SS1-031207-02	SLUDGE	ARSENIC	mg/kg	2.1	0.74		1.60	0.50	17.70	
SS1-031207-03	SLUDGE	ARSENIC	mg/kg	2.4	0.8		1.60	0.80	17.70	
SS1-031207-04	SLUDGE	ARSENIC	mg/kg	2.1	0.8		1.60	0.50	17.70	
SS1-031207-05	SLUDGE	ARSENIC	mg/kg	2.3	0.77		1.60	0.70	17.70	
SS1-031207-06	SLUDGE	ARSENIC	mg/kg	1.8	0.73		1.60	0.20	17.70	
SS1-031207-07	SLUDGE	ARSENIC	mg/kg	2	0.81		1.60	0.40	17.70	
SS1-031207-09	SLUDGE	ARSENIC	mg/kg	2.7	0.88		1.60	1.10	17.70	
SS1-031207-10	SLUDGE	ARSENIC	mg/kg	4.7	0.73		1.60	3.10	17.70	
SS1-031207-12	SLUDGE	ARSENIC	mg/kg	4	0.66		1.60	2.40	17.70	
SS1-031207-06	SLUDGE	BENZENE	ug/kg	1600	120		1400.00	200.00	25800.00	
SS1-031207-01	SLUDGE	URANIUM	ug/kg	1500	0.36		200.00	1300.00		
SS1-031207-02	SLUDGE	URANIUM	ug/kg	760	0.37		200.00	560.00		
SS1-031207-03	SLUDGE	URANIUM	ug/kg	1000	0.4		200.00	800.00		
SS1-031207-04	SLUDGE	URANIUM	ug/kg	1000	0.4		200.00	800.00		
SS1-031207-05	SLUDGE	URANIUM	ug/kg	920	0.39		200.00	720.00		
SS1-031207-06	SLUDGE	URANIUM	ug/kg	740	0.37		200.00	540.00		
SS1-031207-07	SLUDGE	URANIUM	ug/kg	800	0.41		200.00	600.00		
SS1-031207-08	SLUDGE	URANIUM	ug/kg	630	0.42		200.00	430.00		
SS1-031207-09	SLUDGE	URANIUM	ug/kg	740	0.44		200.00	540.00		
SS1-031207-10	SLUDGE	URANIUM	ug/kg	570	0.41		200.00	370.00		
SS1-031207-11	SLUDGE	URANIUM	ug/kg	520	0.37		200.00	320.00		
SS1-031207-12	SLUDGE	URANIUM	ug/kg	10000	0.33		200.00	9800.00		

^aMDL = Minimum Detection Limit

^bMCL = Minimum Detectable Concentration for Radium

^cReporting Limit

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

PC/gg = Picocuries per gram

ug/kg = Micrograms per kilogram

umhos/cm = Micromhos per centimeter

LCS = Laboratory Control Sample

EPA PRGs = US Environmental Protection Agency Region 9 Preliminary Remediation Goals

NMED SSLs = New Mexico Environment Department Soil Screening Levels

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

E = Compounds whose concentration exceeds the upper limit of the calibration range.

J = Estimated value.

U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO

D = A pattern resembling diesel was detected in sample.

S.M. Stoller

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"Preliminary" Summary of Analytical Results That Exceed Regulatory Limits
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

G = A pattern resembling gasoline was detected in sample.
H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.
X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions

B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or equal to the Method Detection Limit.
U = Analyte was analyzed for but not detected.

Qualifiers for Radium

G = Sample density differs by more than 15% of LCS density
U = Result is less than the sample specific MDC.

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 "Preliminary" Summary of DRO/GRO Analytical Results,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
SS1-031207-01	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	610	2.3	L,D,H
SS1-031207-02	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1100	2.4	L,D,H
SS1-031207-03	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1100	2.5	L,D,H
SS1-031207-04	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1100	2.4	L,D,H
SS1-031207-05	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1800	12	L,D,H
SS1-031207-06	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1400	2.3	L,D,H
SS1-031207-07	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1300	2.3	L,D,H
SS1-031207-08	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	1500	2.6	L,D,H
SS1-031207-09	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	780	2.8	L,D,H
SS1-031207-10	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	17	2.5	H
SS1-031207-11	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	90	2.3	H
SS1-031207-12	SLUDGE	DIESEL RANGE ORGANICS	mg/kg	340	2	D,H
SS1-031207-01	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	5.1	0.053	G,H
SS1-031207-02	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	5.9	0.053	G
SS1-031207-03	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	24	0.062	G
SS1-031207-04	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	28	0.06	G
SS1-031207-05	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	15	0.057	G
SS1-031207-06	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	27	0.057	G
SS1-031207-07	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	14	0.055	G
SS1-031207-08	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	3.1	0.059	G
SS1-031207-09	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	10	0.064	G
SS1-031207-10	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	10	0.064	G
SS1-031207-11	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	9.5	0.054	G
SS1-031207-12	SLUDGE	GASOLINE RANGE ORGANICS	mg/kg	5.4	0.049	G
SS1-031207-01	SLUDGE	OIL AND GREASE	mg/kg	830	57°	B
SS1-031207-02	SLUDGE	OIL AND GREASE	mg/kg	1300	60°	B
SS1-031207-03	SLUDGE	OIL AND GREASE	mg/kg	1600	64°	B
SS1-031207-04	SLUDGE	OIL AND GREASE	mg/kg	1200	63°	B
SS1-031207-05	SLUDGE	OIL AND GREASE	mg/kg	2200	61°	B
SS1-031207-06	SLUDGE	OIL AND GREASE	mg/kg	1400	59°	B
SS1-031207-07	SLUDGE	OIL AND GREASE	mg/kg	1200	63°	B
SS1-031207-08	SLUDGE	OIL AND GREASE	mg/kg	1800	65°	B
SS1-031207-09	SLUDGE	OIL AND GREASE	mg/kg	660	70°	B

Privileged and Confidential
 "Preliminary" Summary of DRO/GRO Analytical Results,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #2

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
SS1-031207-10	SLUDGE	OIL AND GREASE	mg/kg	350	64°	B
SS1-031207-11	SLUDGE	OIL AND GREASE	mg/kg	570	59°	B
SS1-031207-12	SLUDGE	OIL AND GREASE	mg/kg	240	52°	B

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium

^cReporting Limit

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

J = Estimated value.

U = The compound was analyzed for but not detected.

* = A spike recovery is equal to or outside the control criteria used.

Qualifiers for TPH/GRO/DRO

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

D = A pattern resembling diesel was detected in sample.

G = A pattern resembling gasoline was detected in sample.

H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

L = The fuel pattern was in the lighter end of the retention time window for the analyte of interest.

Paragon Analytics

OIL AND GREASE CASE NARRATIVE

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples. The samples were received cool and intact on 03/16/07.
2. The samples were prepared and analyzed according to SW-846, 3rd Edition procedures based on Method SW-9071 and utilizing PA SOP 640 Rev. 7.
3. Due to the high liquid content of the samples, the initial volumes were reduced from the standard 50-gram aliquots. Reporting limits have been adjusted accordingly.
4. The samples were prepared and analyzed within the established hold times.
5. The method blank associated with this project was above the reporting limit for oil and grease. The samples associated with this method blank contained oil and grease at a level more than four times that which was detected in the method blank. Please refer to NCR #8633.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
7. Sample 0703142-3 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

A matrix spike and matrix spike duplicate were prepared and analyzed with this batch. All acceptance criteria for precision and accuracy were met.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

S. Note (for Adam L.)
Adam Lesiak
Extractions Analyst

3-30-07
Date

EX
Reporter's Initials

03-30-07
Date

***Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry***

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows: (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is equal to or outside the control criteria used.
- +**: This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

Oil & Grease, Gravimetric

Method SW9071B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070316-8MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 17-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: METHOD

Prep Batch: EX070316-8

QCBatchID: EX070316-8-1

Run ID: EX070316-8

Cleanup: NONE

Basis: N/A

Sample Aliquot: 50 g

Final Volume: 1 sample

Result Units: mg/kg

Clean DF: 1

File Name:

CASNO	Target Analyte	DF	Result	Reporting Limit	Result Qualifier	EPA Qualifier
10-30-0	OIL AND GREASE	1	48	25		

Data Package ID: EX0703142-1

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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OIL AND GREASE

Method SW9071B

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corporation

Client Project ID: LC Well 2 4165-040

Work Order Number: 0703142

Reporting Basis: Dry Weight

Prep Method: METHOD

Final Volume: 1 sample

Matrix: SLUDGE

Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SS1-031207-12	0703142-2	03/12/2007	03/17/2007	03/18/2007	20.55	1	240	52	B	30.02 g
SS1-031207-11	0703142-3	03/12/2007	03/17/2007	03/18/2007	29.88	1	570	59	B	30.41 g
SS1-031207-10	0703142-4	03/12/2007	03/17/2007	03/18/2007	35.05	1	350	64	B	30.21 g
SS1-031207-09	0703142-5	03/12/2007	03/17/2007	03/18/2007	41.50	1	660	70	B	30.39 g
SS1-031207-08	0703142-6	03/12/2007	03/17/2007	03/18/2007	36.74	1	1800	65	B	30.58 g
SS1-031207-07	0703142-7	03/12/2007	03/17/2007	03/18/2007	34.35	1	1200	63	B	30.39 g
SS1-031207-06	0703142-8	03/12/2007	03/17/2007	03/18/2007	29.61	1	1400	59	B	30.03 g
SS1-031207-05	0703142-9	03/12/2007	03/17/2007	03/18/2007	31.79	1	2200	61	B	30.19 g
SS1-031207-04	0703142-10	03/12/2007	03/17/2007	03/18/2007	34.20	1	1200	63	B	30.18 g
SS1-031207-03	0703142-11	03/12/2007	03/17/2007	03/18/2007	34.85	1	1600	64	B	30.18 g
SS1-031207-02	0703142-12	03/12/2007	03/17/2007	03/18/2007	31.12	1	1300	60	B	30.34 g
SS1-031207-01	0703142-13	03/12/2007	03/17/2007	03/18/2007	27.25	1	830	57	B	30.3 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: EX0703142-1

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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Oil & Grease, Gravimetric

Method SW9071B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070316-8LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/17/2007

Date Analyzed: 03/18/2007

Prep Method: METHOD

Prep Batch: EX070316-8

QCBatchID: EX070316-8-1

Run ID: EX070316-8

Cleanup: NONE

Basis: N/A

Sample Aliquot: 50 g

Final Volume: 1 sample

Result Units: mg/kg

Clean DF: 1

File Name:

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
10-30-0	OIL AND GREASE	2010	2190	25		109	80 - 120%

Lab ID: EX070316-8LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/17/2007

Date Analyzed: 03/18/2007

Prep Method: METHOD

Prep Batch: EX070316-8

QCBatchID: EX070316-8-1

Run ID: EX070316-8

Cleanup: NONE

Basis: N/A

Sample Aliquot: 50 g

Final Volume: 1 sample

Result Units: mg/kg

Clean DF: 1

File Name:

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
10-30-0	OIL AND GREASE	2010	2130	25		106	20	3

Data Package ID: EX0703142-1

Date Printed: Friday, March 30, 2007

Paragon Analytics

LIMS Version: 5.500A

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Oil & Grease, Gravimetric

Method SW9071B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703142
Client Name: S.M. Stoller Corporation
ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
LabID: 0703142-3MS

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 18-Mar-07
Prep Method: METHOD

Prep Batch: EX070316-8
QCBatchID: EX070316-8-1
Run ID: EX070316-8
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.32 g
Final Volume: 1 sample
Result Units: mg/kg
File Name:

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
10-30-0	OIL AND GREASE	570	B	5310		58.8	4730	100	80 - 120%

Field ID: SS1-031207-11
LabID: 0703142-3MSD

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 18-Mar-07
Prep Method: METHOD

Prep Batch: EX070316-8
QCBatchID: EX070316-8-1
Run ID: EX070316-8
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.52 g
Final Volume: 1 sample
Result Units: mg/kg
File Name:

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
10-30-0	OIL AND GREASE	5230		4700	99	58.4	20	1

Data Package ID: EX0703142-1

Date Printed: Friday, March 30, 2007

Paragon Analytics
 LIMS Version: 5.500A

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NCR # 008633**CONTROLLED**

Paragon Analytics

NON-CONFORMANCE REPORT (oil + GREASE)Initiated by JNDate 3-30-07Method/Procedure 9071 / SOP 640 r7Reason: ☒ Non-ConformanceWork Orders Affected 0703126, 142☐ Client InquiryBatches Affected (optional) EX070316-7, EX070316-8☐ OtherClients Stoller**SECTION I TYPE OF EVENT** (circle as appropriate)

- ☐ 1. LCS / Surrogate / IS / Tracer or Chemical Yield Criteria Not Met
- ☐ 2. Calibration Criteria Not Met (ICAL, ICV, CCV)
- ☒ 3. Method Requirements Not Met (HTV, MB, ☐)
- ☐ 4. Deviation from LQAP/SOP (i.e., PAR criteria not met)
- ☐ 5. Client Criteria Not Met (MDC, DER, ☐)
- ☐ 6. Equipment Failure or Laboratory Incident / Error
- ☐ 7. Other ☐

Explanation: BOTH BATCHES HAD THE MB WITH RECOVERIES > RL: (RL = 25 mg/kg)For EX070316-7 MB, RECOVERY WAS 44.0 mg/kg;ALL SAMPLES IN THIS BATCH HAD O+G RECOVERIES > RL, WITH THE LOWEST CONC. BEING 21 TIMES THE REC. OF THE MB.For EX070316-8 MB, RECOVERY WAS 48.0 mg/kg;ALL SAMPLES IN THIS BATCH HAD O+G RECOVERIES > RL, WITH ONLY 2 SAMPLES HAVING < 10X THE RECOVERY OF THE METHOD BLANK.Actions to Prevent Recurrence (Retrain, etc.): ☐**SECTION II NOTIFICATION**Client Contacted? ☒ (Y) ☐ (N)Name: Jeff WurtzDate: 3/29/07Time: 445 pm**SECTION III CORRECTIVE ACTIONS**

- ☐ 1. Submit for Re-Prep. or Clean-up
- ☐ 2. Re-analyze
- ☐ 3. Resubmit Data (hc, edd, narrative)
- ☒ 4. Document in Narrative
- ☐ 5. Other ☐

Approved by: JN DPM DJ PM3/30/07**SECTION IV REQUEST FOR REWORK**Initial Batch ID: ☐ Date: ☐Reworked Batch ID: ☐ Date: ☐Outcome: ☐Approved by: ☐

Matrix Effect or Elevated / Sample Activity Suspected? (circle applicable)

SECTION V DISPOSITION☒ Use as is☐ Repair☐ Reject**SECTION VI COMMENTS****SECTION VII APPROVAL SIGNATURES**Project Manager (PM) Debbie FazioDate 3/30/07Department Manager (DPM) [Signature]Date 3-30-07

(Verification of Disposition)

QA Manager [Signature]Date 3/30/07**SECTION VIII DISTRIBUTION**☒ PM☒ Dept. Manager☒ Lab Director☒ Rpt. Group or☐ Rad

Paragon Analytics

PCBs Case Narrative

S.M. Stoller Corporation

LC Well 2 -- 4165-040

Order Number - 0703142

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/16/07.
2. These samples were extracted and analyzed according to SW-846, 3rd Edition procedures. Specifically, the sludge samples were extracted using soxhlet procedures according to Paragon Analytics Standard Operating Procedure 625 Revision 10 based on Method 3540C. The extracts were then processed using sulfuric acid cleanup according to Paragon Analytics Standard Operating Procedure 651 Revision 8 based on Method 3665A in an attempt to remove potential interferences.
3. The extracts were then analyzed using GC/ECD (electron capture detectors) with an RTX-CLPesticides capillary column according to Paragon Analytics Standard Operating Protocol 409 Revision 5 based on SW-846 Method 8082. All positive results were then confirmed on an RTX-CLPesticidesII column. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column that met initial and continuing calibration criteria.
4. All initial and continuing calibration criteria were met with the following exceptions:

Continuing calibration 1660 032107-1CCV – tetrachloro-m-xylene and aroclor 1016 were out high on column 1.
Continuing calibration 1660 032107-2CCV – tetrachloro-m-xylene and aroclor 1016 were out high on column 1.
Continuing calibration 1660 032107-3CCV – tetrachloro-m-xylene and aroclor 1016 were out high on column 1.
Quantitation for each analyte was reported from the column that passed initial and continuing calibration criteria.
5. The method blank associated with this project was below the MDL for all analytes.

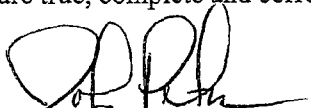
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
7. Sample 0703142-3 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria.
8. All samples were extracted and analyzed within the established holding times.
9. All surrogate recoveries were within acceptable limits with the following exceptions:

Surrogate	Sample	Direction
Tetrachloro-m-xylene	0703142-2 through -13, -3MS, &-3MSD	Low

It is the practice of Paragon Analytics to evaluate the recovery of both surrogates in samples and associated quality control samples, but to control on only one of the two surrogates for this test.

10. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, Paragon Analytics certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.


John Petrovic
GC Analyst

3/27/07
Date

EX
Reviewer's Initials

03-26-07
Date

Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows: (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is equal to or outside the control criteria used.
- +:** This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703142

Client Name: S.M. Stoller Corporation

Client Project Name: LC Well 2

Client Project Number: 4165-040

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SS1-031207-13	0703142-1		WATER	12-Mar-07	19:00
SS1-031207-12	0703142-2		SLUDGE	12-Mar-07	18:46
SS1-031207-11	0703142-3		SLUDGE	12-Mar-07	18:24
SS1-031207-10	0703142-4		SLUDGE	12-Mar-07	17:45
SS1-031207-09	0703142-5		SLUDGE	12-Mar-07	17:23
SS1-031207-08	0703142-6		SLUDGE	12-Mar-07	16:13
SS1-031207-07	0703142-7		SLUDGE	12-Mar-07	15:55
SS1-031207-06	0703142-8		SLUDGE	12-Mar-07	15:35
SS1-031207-05	0703142-9		SLUDGE	12-Mar-07	14:35
SS1-031207-04	0703142-10		SLUDGE	12-Mar-07	14:13
SS1-031207-03	0703142-11		SLUDGE	12-Mar-07	14:10
SS1-031207-02	0703142-12		SLUDGE	12-Mar-07	13:38
SS1-031207-01	0703142-13		SLUDGE	12-Mar-07	13:15
SS1-031207-12	0703142-14		LEACHAT	12-Mar-07	18:46
SS1-031207-11	0703142-15		LEACHAT	12-Mar-07	18:24
SS1-031207-10	0703142-16		LEACHAT	12-Mar-07	17:45
SS1-031207-09	0703142-17		LEACHAT	12-Mar-07	17:23
SS1-031207-08	0703142-18		LEACHAT	12-Mar-07	16:13
SS1-031207-07	0703142-19		LEACHAT	12-Mar-07	15:55
SS1-031207-06	0703142-20		LEACHAT	12-Mar-07	15:35
SS1-031207-05	0703142-21		LEACHAT	12-Mar-07	14:35
SS1-031207-04	0703142-22		LEACHAT	12-Mar-07	14:13
SS1-031207-03	0703142-23		LEACHAT	12-Mar-07	14:10
SS1-031207-02	0703142-24		LEACHAT	12-Mar-07	13:38
SS1-031207-01	0703142-25		LEACHAT	12-Mar-07	13:15

PCBs

Method SW8082

Method Blank

Lab Name: Paragon Analytics
 Work Order Number: 0703142
 Client Name: S.M. Stoller Corporation
 ClientProject ID: LC Well 2 4165-040

Lab ID: EX070319-1MB

Sample Matrix: SLUDGE
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 19-Mar-07
 Date Analyzed: 21-Mar-07

Prep Batch: EX070319-1
 QCBatchID: EX070319-1-1
 Run ID: PT070321-1
 Cleanup: SW3665
 Basis: N/A

Sample Aliquot: 30 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA029221

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	33	33	3.9	U	
11104-28-2	AROCLOR-1221	1	67	67	5.3	U	
11141-16-5	AROCLOR-1232	1	33	33	5.2	U	
53469-21-9	AROCLOR-1242	1	33	33	5	U	
12672-29-6	AROCLOR-1248	1	33	33	2.2	U	
11097-69-1	AROCLOR-1254	1	33	33	4	U	
11096-82-5	AROCLOR-1260	1	33	33	2.5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16		16.7	96	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17.3		16.7	104	70 - 125

Data Package ID: PT0703142-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-12
Lab ID: 0703142-2

Sample Matrix: SLUDGE
% Moisture: 20.5
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070319-1
QCBatchID: EX070319-1-1
Run ID: PT070321-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.06 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029224

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	42	42	4.9	U	
11104-28-2	AROCLOR-1221	1	84	84	6.7	U	
11141-16-5	AROCLOR-1232	1	42	42	6.5	U	
53469-21-9	AROCLOR-1242	1	42	42	6.3	U	
12672-29-6	AROCLOR-1248	1	42	42	2.8	U	
11097-69-1	AROCLOR-1254	1	42	42	5.1	U	
11096-82-5	AROCLOR-1260	1	42	42	3.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17		20.9	81	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	13.7	*	20.9	65	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11

Lab ID: 0703142-3

Sample Matrix: SLUDGE

% Moisture: 29.9

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.77 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029225

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	46	46	5.4	U	
11104-28-2	AROCLOR-1221	1	93	93	7.4	U	
11141-16-5	AROCLOR-1232	1	46	46	7.2	U	
53469-21-9	AROCLOR-1242	1	46	46	6.9	U	
12672-29-6	AROCLOR-1248	1	46	46	3.1	U	
11097-69-1	AROCLOR-1254	1	46	46	5.6	U	
11096-82-5	AROCLOR-1260	1	46	46	3.5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	18		23.2	77	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	14.2	*	23.2	61	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-10
Lab ID: 0703142-4

Sample Matrix: SLUDGE

% Moisture: 35.1

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.66 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029228

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	50	50	5.9	U	
11104-28-2	AROCLOR-1221	1	100	100	8	U	
11141-16-5	AROCLOR-1232	1	50	50	7.8	U	
53469-21-9	AROCLOR-1242	1	50	50	7.5	U	
12672-29-6	AROCLOR-1248	1	50	50	3.4	U	
11097-69-1	AROCLOR-1254	1	50	50	6.1	U	
11096-82-5	AROCLOR-1260	1	50	50	3.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	20.6		25.1	82	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	15.6	*	25.1	62	70 - 125

Data Package ID: PT0703142-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-09
Lab ID: 0703142-5

Sample Matrix: SLUDGE

% Moisture: 41.5

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.04 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029229

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	57	57	6.7	U	
11104-28-2	AROCLOR-1221	1	110	110	9.1	U	
11141-16-5	AROCLOR-1232	1	57	57	8.9	U	
53469-21-9	AROCLOR-1242	1	57	57	8.5	U	
12672-29-6	AROCLOR-1248	1	57	57	3.8	U	
11097-69-1	AROCLOR-1254	1	57	57	6.9	U	
11096-82-5	AROCLOR-1260	1	57	57	4.3	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	21.7		28.5	76	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17	*	28.5	60	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-08

Lab ID: 0703142-6

Sample Matrix: SLUDGE

% Moisture: 36.7

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.37 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029230

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	52	52	6.1	U	
11104-28-2	AROCLOR-1221	1	100	100	8.3	U	
11141-16-5	AROCLOR-1232	1	52	52	8.1	U	
53469-21-9	AROCLOR-1242	1	52	52	7.8	U	
12672-29-6	AROCLOR-1248	1	52	52	3.5	U	
11097-69-1	AROCLOR-1254	1	52	52	6.3	U	
11096-82-5	AROCLOR-1260	1	52	52	4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17.2		26	66	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	14.6	*	26	56	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-07

Lab ID: 0703142-7

Sample Matrix: SLUDGE

% Moisture: 34.4

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.11 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029233

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	51	51	5.9	U	
11104-28-2	AROCLOR-1221	1	100	100	8.1	U	
11141-16-5	AROCLOR-1232	1	51	51	7.9	U	
53469-21-9	AROCLOR-1242	1	51	51	7.6	U	
12672-29-6	AROCLOR-1248	1	51	51	3.4	U	
11097-69-1	AROCLOR-1254	1	51	51	6.1	U	
11096-82-5	AROCLOR-1260	1	51	51	3.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17.1		25.3	67	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	14.3	*	25.3	57	70 - 125

Data Package ID: PT0703142-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-06
Lab ID: 0703142-8

Sample Matrix: SLUDGE

% Moisture: 29.6

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.56 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029234

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	46	46	5.5	U	
11104-28-2	AROCLOR-1221	1	93	93	7.4	U	
11141-16-5	AROCLOR-1232	1	46	46	7.2	U	
53469-21-9	AROCLOR-1242	1	46	46	7	U	
12672-29-6	AROCLOR-1248	1	46	46	3.1	U	
11097-69-1	AROCLOR-1254	1	46	46	5.6	U	
11096-82-5	AROCLOR-1260	1	46	46	3.5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.2		23.2	70	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	13.7	*	23.2	59	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-05
Lab ID: 0703142-9

Sample Matrix: SLUDGE

% Moisture: 31.8

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.07 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029235

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	49	49	5.7	U	
11104-28-2	AROCLOR-1221	1	98	98	7.8	U	
11141-16-5	AROCLOR-1232	1	49	49	7.6	U	
53469-21-9	AROCLOR-1242	1	49	49	7.3	U	
12672-29-6	AROCLOR-1248	1	49	49	3.3	U	
11097-69-1	AROCLOR-1254	1	49	49	5.9	U	
11096-82-5	AROCLOR-1260	1	49	49	3.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17.1		24.4	70	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	15	*	24.4	61	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-04

Lab ID: 0703142-10

Sample Matrix: SLUDGE

% Moisture: 34.2

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QC Batch ID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.52 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029236

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	50	50	5.8	U	
11104-28-2	AROCLOR-1221	1	100	100	8	U	
11141-16-5	AROCLOR-1232	1	50	50	7.8	U	
53469-21-9	AROCLOR-1242	1	50	50	7.5	U	
12672-29-6	AROCLOR-1248	1	50	50	3.4	U	
11097-69-1	AROCLOR-1254	1	50	50	6.1	U	
11096-82-5	AROCLOR-1260	1	50	50	3.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17.2		24.9	69	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	14.5	*	24.9	58	70 - 125

Data Package ID: PT0703142-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-03

Lab ID: 0703142-11

Sample Matrix: SLUDGE

% Moisture: 34.9

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029237

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	51	51	6	U	
11104-28-2	AROCLOR-1221	1	100	100	8.2	U	
11141-16-5	AROCLOR-1232	1	51	51	8	U	
53469-21-9	AROCLOR-1242	1	51	51	7.7	U	
12672-29-6	AROCLOR-1248	1	51	51	3.5	U	
11097-69-1	AROCLOR-1254	1	51	51	6.2	U	
11096-82-5	AROCLOR-1260	1	51	51	3.9	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	17.8		25.6	70	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	15	*	25.6	59	70 - 125

Data Package ID: PT0703142-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID:	SS1-031207-02
Lab ID:	0703142-12

Sample Matrix: SLUDGE

% Moisture: 31.1

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.68 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029238

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	47	47	5.6	U	
11104-28-2	AROCLOR-1221	1	95	95	7.6	U	
11141-16-5	AROCLOR-1232	1	47	47	7.4	U	
53469-21-9	AROCLOR-1242	1	47	47	7.1	U	
12672-29-6	AROCLOR-1248	1	47	47	3.2	U	
11097-69-1	AROCLOR-1254	1	47	47	5.7	U	
11096-82-5	AROCLOR-1260	1	47	47	3.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.3		23.7	69	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	13.7	*	23.7	58	70 - 125

Data Package ID: PT0703142-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-01

Lab ID: 0703142-13

Sample Matrix: SLUDGE

% Moisture: 27.3

Date Collected: 12-Mar-07

Date Extracted: 19-Mar-07

Date Analyzed: 21-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070319-1

QCBatchID: EX070319-1-1

Run ID: PT070321-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.59 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029239

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	45	45	5.3	U	
11104-28-2	AROCLOR-1221	1	90	90	7.2	U	
11141-16-5	AROCLOR-1232	1	45	45	7	U	
53469-21-9	AROCLOR-1242	1	45	45	6.7	U	
12672-29-6	AROCLOR-1248	1	45	45	3	U	
11097-69-1	AROCLOR-1254	1	45	45	5.5	U	
11096-82-5	AROCLOR-1260	1	45	45	3.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.1		22.5	72	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	12.6	*	22.5	56	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Lab ID: EX070319-1LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/21/2007
Prep Method: SW3540C

Prep Batch: EX070319-1
QCBatchID: EX070319-1-1
Run ID: PT070321-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029222

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	174	33.3		105	40 - 140%
11096-82-5	AROCLOR-1260	167	163	33.3		98	60 - 130%

Lab ID: EX070319-1LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/21/2007
Prep Method: SW3540C

Prep Batch: EX070319-1
QCBatchID: EX070319-1-1
Run ID: PT070321-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029223

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	160	33.3		96	50	8
11096-82-5	AROCLOR-1260	167	169	33.3		102	50	3

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.7	92		94		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	101		97		70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

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Method SW8082

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703142

Client Name: S.M. Stoller Corporation

ClientProject ID: LC Well 2 4165-040

Field ID: SS1-031207-11
LabID: 0703142-3MS

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070319-1
QCBatchID: EX070319-1-1
Run ID: PT070321-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.76 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029226

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	46	U	131		46.4	232	56	40 - 140%
11096-82-5	AROCLOR-1260	46	U	175		46.4	232	75	60 - 130%

Field ID: SS1-031207-11
LabID: 0703142-3MSD

Sample Matrix: SLUDGE
% Moisture: 29.9
Date Collected: 12-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070319-1
QCBatchID: EX070319-1-1
Run ID: PT070321-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.86 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029227

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
12674-11-2	AROCLOR-1016	127		231	55	46.2	50	3
11096-82-5	AROCLOR-1260	166		231	72	46.2	50	5

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23.2	79		74		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	23.2	60	*	58	*	70 - 125

Data Package ID: PT0703142-1

Date Printed: Monday, March 26, 2007

Paragon Analytics

LIMS Version: 5.495A

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SCOOCH STATE COM #1 SITE DIAGRAM AND SAMPLING LOCATIONS

