



PARAGON ANALYTICS

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

March 22, 2007

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

Re: Paragon Workorder: 07-03-072
Client Project Name: SJC Well 2
Client Project Number: 4165-030

Dear Mr. Wurtz:

One water, twelve sludge and twelve leachate samples were received from S.M. Stoller Corporation on March 9, 2007. The samples were scheduled for the following analyses:

PCBs	pages 1-22	GC/MS Semivolatiles	pages 1-61
Metals	pages 1-56	Gamma Spectroscopy	pages 1-42
Inorganics	pages 1-23	Total Volatile Petroleum Hydrocarbons	pages 1-20
Oil and Grease	pages 1-8	Total Extractable Hydrocarbons (Diesel)	pages 1-20
GC/MS Volatiles	pages 1-97		

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/jb
Enclosure: Report

IC 11
(5046)

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703072

Client Name: S.M. Stoller Corporation.

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

UGFA Project Run 03/07/07

Control: N^o 2099

Analysis Request Chain of Custody Record

Page: 1 of 1

Site/Well Name: SIC Well 12

Project No.: NW-3D4/485-030 USGS-700/Run 03/07/07

Sample Team: R. Gordon, C. Bivney, R. Rupp

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-8-07

Carrier/Waybill No.: 8608 1940 6680

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to:

J. Wurtz SM STOLLER
7710 W. Cheyenne Bldg. 3
Las Vegas, NV 89129

Phone No.: 702-278-9580

Required Report Date: 30 days

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC4B 030707-01	3/7/07/1210	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	(1-1)
CC4B 030707-01	3/7/07/1213	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's- DROKRO, Oil and Grease	
CC4B 030707-01	3/7/07/1213	Mud/Sludge	Amber Glass	8-oz	Ice	TCLP-VOC's, ZHE	
CC4B 030707-01	3/7/07/1213	Mud/Sludge	Amber Glass	8-oz	Ice	TCLP-SVOC's, Metals	
CC4B 030707-01	3/7/07/1213	Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
CC4B 030707-01	3/7/07/1213	Mud/Sludge	Amber Glass	8-oz	None	Ra 226, Ra 228	
LAST LINE							
	Run 03/07/07	Mud/Sludge		16-oz	Ice	ESP-GAR PH-EG	

Hazards: ☒ Unknown ☐ Other: 1/4

Special Instructions/ Comments: 1/4

Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive

QC Level: per SOW

1) Relinquished By: JEFF WURTZ Date: 3-8-07 Time: 16:00

Received By: W. Cheyenne Date: 3-8-07 Time: 16:00

Signature: W. Cheyenne

Date: 3-8-07 Time: 16:00

2) Relinquished By: JEFF WURTZ Date: 3-8-07 Time: 16:00

Received By: W. Cheyenne Date: 3-8-07 Time: 16:00

Date: 3-8-07 Time: 16:00

3) Relinquished By: JEFF WURTZ Date: 3-8-07 Time: 16:00

Received By: W. Cheyenne Date: 3-8-07 Time: 16:00

Date: 3-8-07 Time: 16:00

4) Relinquished By: JEFF WURTZ Date: 3-8-07 Time: 16:00

Received By: W. Cheyenne Date: 3-8-07 Time: 16:00

Date: 3-8-07 Time: 16:00

Original: For company samples Copy: To project files

QA Review: JEFF WURTZ

Date: 3-7-07

Site/Well Name: **SIC Well 2**
 Project No.: **NM-SDA/4165-030** *Ren 03/07/07*
 Sample Team: **R. Goodwin, C. Briney, R. B. P.**
 Project Manager: **John McCord**
 Project Contact: **Jeff Wurtz**
 Phone No.: **505-270-9580**

Sample Shipment Date: **03-08-07**
 Carrier/Waybill No.: **8608 1940 6680**
 Lab Destination: **Paragon**
 Lab Contact: **D. Fazio**
 Phone No.: **970-889-0630**
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: **J. Wurtz, SM STOLLER**
7740-W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
 Phone No.: **702-278-9580**
 Required Report Date: **30 days**

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC4B 030707-02	3/7/07/1245	Mud/Sludge	Amber Glass	8-oz	Ice (2)	VOC's	(15)
CC4B 030707-02	3/7/07/1247	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's: DRO/GRO, Oil and Grease	
CC4B 030707-02	3/7/07/1247	Mud/Sludge	Amber Glass	8-oz	Ice	TCLP: VOC's, ZHE	
CC4B 030707-02	3/7/07/1247	Mud/Sludge	Amber Glass	8-oz	Ice	TCLP: SVOC's, Metals	
CC4B 030707-02	3/7/07/1247	Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
CC4B 030707-02	3/7/07/1247	Mud/Sludge	Amber Glass	8-oz	None	Ra 226, Ra 228	
	<i>Ren 03/07/07</i>	Mud/Sludge		16-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Hazards: ☒ Unknown ☐ Other: *N/A*
 Sample Disposal: ☒ Dry Lab ☐ Return to Client ☐ Archive: **QC Level: per SDW**
 Special Instructions/Comments: *N/A*

1) Relinquished By: <i>John McCord</i> Signature, Affiliation	Date: 3-8-07 Time: 1600	Received By: <i>John Wurtz</i> Signature, Affiliation	Date: 3-8-07 Time: 1600
2) Relinquished By: <i>John McCord</i> Signature, Affiliation	Date: 3-8-07 Time: 1600	Received By: <i>John Wurtz</i> Signature, Affiliation	Date: 3-8-07 Time: 1600
3) Relinquished By: <i>John McCord</i> Signature, Affiliation	Date: 3-8-07 Time: 1600	Received By: <i>John Wurtz</i> Signature, Affiliation	Date: 3-8-07 Time: 1600
4) Relinquished By: <i>John McCord</i> Signature, Affiliation	Date: 3-8-07 Time: 1600	Received By: <i>John Wurtz</i> Signature, Affiliation	Date: 3-8-07 Time: 1600

UGTA Project - 63147

Analysis Request Chain of Custody Record

Control: **Nº 2098**
 Page: 1 of 1

Site/Well Name: NEEDHAM - SJC W2002
 Project No.: 4165-030 000-700-43117
 Sample Team: CHASLEY, RICHARD & JAY
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 3-8-07
 Carrier/Waybill No.: 8608 1940 6680
 Lab Destination: Paragon
 Lab Contact: D. Fazio
 Phone No.: 970-688-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
 Phone No.: 702-278-9550
 Required Report Date: 3-30-DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
<u>64B-030707-03</u>	<u>3/7/07 1330</u>	<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Ice</u>	<u>VOC's</u>	<u>(16)</u>
	<u>3/7/07 1333</u>	<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Ice</u>	<u>SVOC's- DRO/GRO, Oil and Grease</u>	
		<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Ice</u>	<u>TCLP-VOC's, ZHE</u>	
		<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Ice</u>	<u>TCLP-SVOC's, Metals</u>	
		<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Ice</u>	<u>Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture</u>	
		<u>Mud/Sludge</u>	<u>Amber Glass</u>	<u>8-oz</u>	<u>Noise</u>	<u>Ra 226, Ra 228</u>	
		<u>Mud/Sludge</u>		<u>16-oz</u>	<u>Ice</u>	<u>ESP, SAR, PM, EC</u>	

LAST LINE

Hazards: ☒ Unknown ☐ Other: _____
 Special Instructions/Comments: NA
 Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive QC Level: Per J003

1) Relinquished By: <u>John McCord</u> Signature: <u>[Signature]</u> Date: <u>3-8-07</u> Time: <u>1600</u>	Received By: <u>[Signature]</u> Signature: <u>[Signature]</u> Date: <u>3-8-07</u> Time: <u>0920</u>
2) Relinquished By: _____ Signature: _____ Date: _____ Time: _____	Received By: _____ Signature: _____ Date: _____ Time: _____
3) Relinquished By: _____ Signature: _____ Date: _____ Time: _____	Received By: _____ Signature: _____ Date: _____ Time: _____
4) Relinquished By: _____ Signature: _____ Date: _____ Time: _____	Received By: _____ Signature: _____ Date: _____ Time: _____

Original: To accompany samples Copy: To project files
 QA Review: [Signature] Date: 3-8-07

Site/Well Name: NMUDA - 5JC Well 2
 Project No.: 4465-030 USGS 99043161
 Sample Team: Cherry, Kasper, Rupp
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-8580

Sample Shipment Date: 5-8-07
Carrier/Waybill No.: 8608 1940 6680
Lab Destination: Paragon
Lab Contact: D Fazio
Phone No.: 970-689-0630
Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: _____
Phone No.: 777-_____
Required Report: _____

J Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC418-030707-04	3/7/07 1420	Mud/Sludge	Amber Glass	8-oz	Ice (4)	VOC's	(17)
	3/7/07 1422	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		16-oz	Ice	ESP, SAR, PH, EC	

LAST LINE

Hazards: ☒ Unknown ☐ Other: NA
Special Instructions/ Comments: NA

Sample Disposal: ☒ Bio Lab ☐ Return to Client ☐ Archive: ☐ OC Level: Per Saw

Sample Disposal: ☒ B3 Lab ☐ Return to Client ☐ Archive:

OC Level: Per Six

Relinquished By: Salvatore
Signature of Relinquisher

Date: 3-8-07
Time: 1600

Received By:
Signature: _____

Date: 3-1-07
Time: 09:20

2) Relinquished By:

Date: _____
Time: _____

Received By:

Date: _____
Time: _____

3) Relinquished By: _____
Secretary, Voluntary

Date: _____
Time: _____Received By: _____
Signature: _____

Date: _____
Time: _____

4) Relinquished By:
Suzanne, Aveline

Date: _____
Time: _____Received By: _____
Signature - Affiliation _____Date: _____
Time: _____

Original: To accompany samples Copy: To project files

QA Review: [Signature] Date: 3-8-2022

UGTA Project 6/3 17/57

Analysis Request Chain of Custody Record

Control: **Nº 2096**
 Page: 1 of 1
 0705072

Site/Well Name: NW 21A SEC 36 T2
 Project No.: 7165-030 0506-200-03 17/57
 Sample Team: CH/RS/1, R/WD/2, R/UPP
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 3-8-07
 Carrier/Waybill No.: 8608 1940 6680
 Lab Destination: Paragon
 Lab Contact: D. Fazio
 Phone No.: 970-689-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to:
J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
 Phone No.: 702-278-9580
 Required Report Date: 3-8-07

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC4B-03-0707-05	3/7/07 1453	Mud/Sludge	Amber Glass	8-oz	Ice (5)	VOC's	(18)
CC4B-03-0707-05	3/7/07 1457	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		16-oz	Ice 665117	ESP, SAR, PH, EC	
LAST LINE							

Hazards: ☒ Unknown ☐ Other: _____
 Special Instructions/ Comments: NA
 Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive: _____
 QC Level: Per SOP

1) Relinquished By: John McCord Date: 3-8-07 Received By: John Fazio Date: 3-8-07
 Signature: _____ Time: 1600 Signature: _____ Time: 0820

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

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

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

Original: To accompany samples Copy: To project files

QA Review: Per Date: 3-8-07

Analysis Request Chain of Custody Record

Site/Well Name: MISSOURIA SJC well 2
 Project No.: 1135770 UGTA 700-06 31157
 Sample Team: CHUCKY RAGAN, JOHN McCARD
 Project Manager: Jeff Wurtz
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 3-8-07
 Carrier/Waybill No.: 8602 1940 6680
 Lab Destination: Paragon
 Lab Contact: D Fazio
 Phone No.: 970-889-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J Wurtz, SM STOLLER
7710 W Cheyenne Bldg
Las Vegas, NV 89129
 Phone No.: 702-278-9580
 Required Report Date: 30-DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC4B-000707-06	3/7/07 1535	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	(19)
	3/7/07 1538	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's- DRO/GRO, Oil and Grease	
		Mud/Sludge	Amber Glass	6-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	CS 31757	16-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Hazards: ☒ Unknown ☐ Other:Special Instructions/ Comments: NASample Disposal: ☒ By Lab ☐ Return to Client ☐ ArchiveQC Level: Per SOP

1) Relinquished By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>	Received By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>
Signature: <u>Stoller</u>	Time: <u>1400</u>	Signature: <u>Stoller</u>	Time: <u>1400</u>
2) Relinquished By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>	Received By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>
Signature: <u>Stoller</u>	Time: <u>1400</u>	Signature: <u>Stoller</u>	Time: <u>1400</u>
3) Relinquished By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>	Received By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>
Signature: <u>Stoller</u>	Time: <u>1400</u>	Signature: <u>Stoller</u>	Time: <u>1400</u>
4) Relinquished By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>	Received By: <u>Stoller to Ted Ex</u>	Date: <u>3-8-07</u>
Signature: <u>Stoller</u>	Time: <u>1400</u>	Signature: <u>Stoller</u>	Time: <u>1400</u>

Original: To company samples Copy: To project files

QA Review: StollerDate: 3-8-07

Site Name: NM3DA Site
 Project No.: 702-278-9580
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 12-13-07
Carrier/Waybill No.: FEDEX 1740 6670
Lab Destination: LAB A
Lab Contact: LAB
Phone No.: 974-844-6300

Report to: J. Wurtz, SM-STÖLLER
7710 W. Cheyenne, Bldg.
Las Vegas, NV 89129
702-778-9532

Required Report Date: 5-20-91

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
65012-030107-07	3/7/07 1606	Mud/Sludge	Amber Glass	8-oz	Ice	Vols	✓
	3/7/07 1606	Mud/Sludge	Amber Glass	8-oz	Ice	SVOCs, PCBs, PAHs, Oil and Grease	
		Mud/Sludge	Amber Glass	8-oz	Ice	TE, Lead, Cadmium, Hf	
		Mud/Sludge	Amber Glass	8-oz	Ice	TC, PCBs, VOCs, Metals	
		Mud/Sludge	Amber Glass	8-oz	Ice	Metals, Hg, PCBs, PAHs, Cyanide, Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	Ra 226 Ra 228	
		Mud/Sludge		16-oz	Ice	ESP, SAR, PH, 65012-030107-07	
			LAST LINE				

Possible Hazards: unknown Sample Disposal: By Lab QC Level: Per SW
Special Instructions/Comments: NA

1) Relinquished By: <u>John J. Burch</u> Signature/Affiliation	Date: <u>3-3-07</u> Time: <u>1600</u>	Received By: <u>[Signature]</u> Signature/Affiliation	Date: <u>3-3-07</u> Time: <u>1700</u>
2) Relinquished By: <u>STANLEY TO FED-EX</u> Signature/Affiliation	Date: _____ Time: _____	Received By: _____ Signature/Affiliation	Date: _____ Time: _____
3) Relinquished By: _____ Signature/Affiliation	Date: _____ Time: _____	Received By: _____ Signature/Affiliation	Date: _____ Time: _____
4) Relinquished By: _____ Signature/Affiliation	Date: _____ Time: _____	Received By: _____ Signature/Affiliation	Date: _____ Time: _____

UGTA Project Rev 03/07/07

Analysis Request Chain of Custody Record

Control No.: 000299 Page: 1 of 1

Sample from R. Goodwin, C. Birney, R. Rupp

Site Name: SIC Well 2

Project No.: NM-501/4165-230 Rev 03/07/07

Project Manager: John E. Carr

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-8-07

Carrier/Waybill No.: 3207 1740 6180

Lab Destination: Paragon

Lab Contact: U. Pardo

Phone No.: 970-689-0530

Report to: J. Wurtz, SM SICKLER

1710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129

702-278-9580

Required Report Date: 30 days

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
CC4B 030707-08	3/7/07 / 1635	Mud/Sediment	Amber Glass	8-oz	Ice	VOC's	(21)
CC4B 030707-08	3/7/07 / 1638	Mud/Sediment	Amber Glass	8-oz	Ice	SVOC's, DRO/GRO, Oil and Grease	
CC4B 030707-08	3/7/07 / 1638	Mud/Sediment	Amber Glass	8-oz	Ice	TCLP-VOC's, ZHE	
CC4B 030707-08	3/7/07 / 1638	Mud/Sediment	Amber Glass	8-oz	Ice	TCLP-SVOC's, Metals	
CC4B 030707-08	3/7/07 / 1638	Mud/Sediment	Amber Glass	8-oz	Ice	Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % Moisture	
CC4B 030707-08	3/7/07 / 1638	Mud/Sediment	Amber Glass	8-oz	None	Ra 226 Ra 228	
	<u>Rev 03/07/07</u>	<u>Mud/Sediment</u>		<u>8-oz</u>	<u>Ice</u>	<u>ESP, SAR, B4, etc.</u>	
LAST LINE							

Possible Hazards: UNKNOWN Sample Disposal: By LAB QC Level: per SOW

Special Instructions/ Comments: N/A

1) Relinquished By: [Signature] Date: 3-8-07 Received By: [Signature] Date: 3-8-07
Signature/Affiliation: STOLLER TO FEP-EX Time: 1600 Signature/Affiliation: U. Pardo Time: 1720

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: _____

Sample Shipment Date: 3-2-57
Carrier/Waybill No.: 360E 1746 667C
Lab Destination: Paragon
Lab Contact: Paragon
Phone No.: 770-689-0630

Phone No.: 970-689-0630

LAST LINE

QC Level: 100

Original: To accompany samples
Copy: To project files

Q6 ~~Q6~~ DATE 5-8-07

Sample Team _____
Site Name: _____

Project No.: _____
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9680

Sample Shipment Date: 13-2-2017
Carrier/Waybill No.: 3608 1740 e880
Lab Destination: Paragon
Lab Contact: to Felix
Phone No.: 070-689-0690

Report to: J Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
702-736-7333
702-736-7333
Required Report Date: 12/1/79

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000	3/15/07 12:15	Mud/Sludge	Amber Glass	8-oz	ice	VOC's	(23)
-	3/15/07 12:15	Mud/Sludge	Amber Glass	8-oz	ice	SVOC's- DRO/ARO, Oil and Grease	
-		Mud/Sludge	Amber Glass	8-oz	ice	ICLP-SVOC's, ZHE	
-		Mud/Sludge	Amber Glass	8-oz	ice	ICLP-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		16-oz	ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: Asbestos Sample Disposal: 29 662 QC Level: 30 234
Special Instructions/ Comments: 841

1) Relinquished By: <u>Walter Ford</u> Signature/Affiliation: <u>STONER TO FED-EX</u>	Date: <u>3-8-07</u> Time: <u>1:00</u>	Received By: <u>William</u> Signature/Affiliation: <u>St. Louis</u>	Date: <u>3-8-07</u> Time: <u>09:20</u>
2) Relinquished By: _____ Signature/Affiliation: _____	Date: _____ Time: _____	Received By: _____ Signature/Affiliation: _____	Date: _____ Time: _____
3) Relinquished By: _____ Signature/Affiliation: _____	Date: _____ Time: _____	Received By: _____ Signature/Affiliation: _____	Date: _____ Time: _____
4) Relinquished By: _____ Signature/Affiliation: _____	Date: _____ Time: _____	Received By: _____ Signature/Affiliation: _____	Date: _____ Time: _____

UGTA Project
 Analysis Request Chain of Custody Record

Sample Name: 14
 Project No.: 0000-790-001310
 Project Manager: John McCord
 Project Contact: Jeff Wurtz
 Phone No.: 702-278-9580

Sample Shipment Date: 3-3-07
 Carrier/Waybill No.: 3608 1740 6630
 Lab Destination: Paragon
 Lab Contact: D. Fazio
 Phone No.: 970-685-0630

Report to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 5
Las Vegas, NV 89129
 Required Report Date: 3-2-07

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
0046-030807-003	3/1/07 15:23	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	(24)
	3/1/07 15:33	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's- DRD/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, IG Anions, PCBs, % Moisture	
		Mud/Sludge	Amber Glass	8-oz	None	Ra 226, Ra 228	
		Mud/Sludge	Amber Glass	18-oz	Ice	ESP, SAR, PH, EC	
LAST LINE							

Possible Hazards: Asbestos Sample Disposal: By Land QC Level: Low
 Special Instructions/ Comments: (1)

1) Relinquished By: John McCord Date: 3-3-07 Received By: John McCord Date: 3-3-07
 Signature/Affiliation: Stoller to LEP-Ex Time: 1600 Signature/Affiliation: John McCord Time: 0920
 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: _____

QA RA DATE 3-3-07

UGTA Project Analysis Request Chain of Custody Record

Control No.: 000297
Page: 1 of 1

Site Name: UGTA Project
Project No.: UGTA-700-0130
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9680

Sample Shipment Date: 3-3-07
Carrier/Waybill No.: 5508 1900 4630
Lab Destination: Paragon
Lab Contact: L. Fazio
Phone No.: 970-889-0630

Report to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 1
Las Vegas, NV 89129
Required Report Date: 3/3/07

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
UGTA-700-0130-1	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	ice (12)	VOC's	(25)
UGTA-700-0130-2	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	ice	SVOG's: DRO/GRO, Oil and Grease	
UGTA-700-0130-3	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	ice	TCLP, VOC's, ZHE	
UGTA-700-0130-4	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	ice	TCLP, SVOC's, Metals	
UGTA-700-0130-5	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	ice	Metals: Hg, Cd, Total Cyanide, TC Arsenic, PCBs, % Moisture	
UGTA-700-0130-6	3/3/07 18:50	Mud/Sludge	Amber Glass	8-oz	None	Fe 226, Ra 226	
UGTA-700-0130-7	3/3/07 18:50	Mud/Sludge	Amber Glass	16-oz	ice	EGP, SAR, PH, EC	
LAST LINE							

Possible Hazards: HAZARDOUS Sample Disposal: 64 600 QC Level: RA 3-07
Special Instructions/Comments: 1A

1) Relinquished By: <u>John McCord</u>	Date: <u>3-3-07</u>	Received By: <u>L. Fazio</u>	Date: <u>3-3-07</u>
Signature/Affiliation	Signature/Affiliation	Signature/Affiliation	Signature/Affiliation
2) Relinquished By: <u>TOILER TO FPD-EX</u>	Date: <u>1600</u>	Received By: <u> </u>	Date: <u> </u>
Signature/Affiliation	Signature/Affiliation	Signature/Affiliation	Signature/Affiliation
3) Relinquished By: <u> </u>	Date: <u> </u>	Received By: <u> </u>	Date: <u> </u>
Signature/Affiliation	Signature/Affiliation	Signature/Affiliation	Signature/Affiliation
4) Relinquished By: <u> </u>	Date: <u> </u>	Received By: <u> </u>	Date: <u> </u>
Signature/Affiliation	Signature/Affiliation	Signature/Affiliation	Signature/Affiliation

Original: To accompany samples Copy: To project files

CONDITION OF SAMPLE UPON RECEIPT FORM

Paragon Analytics

Client: Stoller LUWorkorder No: 0703072Project Manager: DEInitials: DEDate: 3-9-07

1. Does this project require any special handling in addition to standard Paragon procedures?	YES	<u>NO</u>
2. Are custody seals on shipping containers intact?	NONE	<u>YES</u>
3. Are Custody seals on sample containers intact?	NONE	<u>YES</u>
4. Is there a COC (Chain-of-Custody) present or other representative documents?	<u>YES</u>	<u>NO</u>
5. Are the COC and bottle labels complete and legible ?	<u>YES</u>	<u>NO</u>
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)	<u>YES</u>	<u>NO</u>
7. Were airbills / shipping documents present and/or removable?	DROP OFF	<u>YES</u>
8. Are all aqueous samples requiring preservation preserved correctly ? (excluding volatiles)	<u>N/A</u>	<u>YES</u>
9. Are all aqueous non-preserved samples pH 4-9 ?	<u>N/A</u>	<u>YES</u>
10. Is there sufficient sample for the requested analyses?	<u>YES</u>	<u>NO</u>
11. Were all samples placed in the proper containers for the requested analyses?	<u>YES</u>	<u>NO</u>
12. Are all samples within holding times for the requested analyses?	<u>YES</u>	<u>NO</u>
13. Were all sample containers received intact ? (not broken or leaking, etc.)	<u>YES</u>	<u>NO</u>
14. Are all samples requiring no headspace (VOC, GRO, Rx CN/S, radon), headspace free? Size of bubble: _____ < green pea _____ > green pea	<u>N/A</u>	<u>YES</u>
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.)	<u>N/A</u>	<u>YES</u>
16. Were the samples shipped on ice ?	<u>YES</u>	<u>NO</u>
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: <u>#2</u> <u>#4</u> RAD ONLY	<u>YES</u>	<u>NO</u>
Cooler #: <u>#2</u> <u>112</u>		
Temperature (°C): <u>4.6</u> <u>5.0</u>		
No. of custody seals on cooler: <u>0</u> <u>1</u>		
External µR/hr reading: <u>16</u> <u>10</u>		
Background µR/hr reading: <u>14</u>		
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? <u>YES</u> / NO / NA (If no, see Form 008.)		

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

Broken Lids-

CC4B-030707-08 (sample 8) VOA's-switched w/ SVOC's, DRO, GRO
 CC4B-030707-08 (sample 8) TCLP-VOA's-switched w/TCLP,SVOA's
 CC4B-030707-01 (sample 1) Total Metals, wet chem
 CC4B-030707-05 (sample 5) ²²⁶Radium, ²²⁸Radium
 CC4B-030707-01 VOA's and CC4B-030707-01 TCLP-SVOA's +
 metals-difficult to read ID# and analysis. We guessed
 placement based on #'s on lids.

If applicable, was the client contacted? YES / NO / NA Contact: Jeff WurtzDate/Time: 3/9/07Project Manager Signature / Date: Debbie Fazio 3/9/07

login report

Paragon Analytics

Workorder No: 0703072
Initials: per Date: 3-9-07

- cooler #2 seal was broken + not intact
- Bottles not packed well, too many per cooler
- Not enough ice, when outside temp warms up will need more ice in cooler

[illegible]

Contact: Jeff Wurtz

Date/Time:

Project Manager Signature / Date:

7/NA Contact: Debbie Fazio 3/9/07

3.9.07
time: login report

Paragon Analytics

Total Extractable Hydrocarbons (Diesel) Case Narrative

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/09/07.
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 blank associated with this project was 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 0703072-12 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
Diesel range organics	12MSD	High
Diesel range organics	12MS & 12MSD	RPD

The recoveries of this compound in the laboratory control spike and laboratory control spike duplicate were within control limits, which suggests the outlier in the matrix spike duplicate 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 the acceptance criteria.
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.

Dan Sherman
Jay Fielding for J.F.
Fuels Analyst

03-21-07
Date

EX
Reporter's Initials

03-20-07
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: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

Diesel Range Organics

Method SW8015MB

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070312-1MB

Sample Matrix: SLUDGE

Prep Batch: EX070312-1

Sample Aliquot: 20 g

% Moisture: N/A

QCBatchID: EX070312-1-1

Final Volume: 5 ml

Date Collected: N/A

Run ID: HCD070312-3A

Result Units: mg/kg

Date Extracted: 12-Mar-07

Cleanup: NONE

Clean DF: 1

Date Analyzed: 12-Mar-07

Basis: N/A

File Name: F3F28553

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	10.8		12.5	87	47 - 142

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-01
Lab ID:	0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.3 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28552

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	110	11	3.8	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	29.5		28.3	104	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C12-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02	Sample Matrix: SLUDGE	Prep Batch: EX070312-1	Sample Aliquot: 20g
Lab ID: 0703072-2	% Moisture: 25.9	QCBatchID: EX070312-1-1	Final Volume: 5 ml
	Date Collected: 07-Mar-07	Run ID: HCD070312-3A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F3F28554
	Prep Method: METHOD		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	230	6.7	2.2	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	17		16.9	101	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C36.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-03
Lab ID:	0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.24 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28555

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	200	15	5.1	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	39.4		37.9	104	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-04
Lab ID:	0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.02g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28556

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	430	16	5.3	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	41.4		39.9	104	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QC Batch ID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.01g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28557

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	430	15	5	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	40.6		37.5	108	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.22g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28558

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	890	19	6.4	H,D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	56.6		47.8	118	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.3g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28559

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	290	20	6.8	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	50		50.7	99	47 - 142

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

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-08
Lab ID:	0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.03g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28562

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	2500	16	5.2	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	41.8		39	107	47 - 142

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

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.07 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28563

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1000	15	5	H,D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	39.3		37.5	105	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
Lab ID: 0703072-10

Sample Matrix: SLUDGE
% Moisture: 71.0
Date Collected: 08-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: METHOD

Prep Batch: EX070312-1
QCBatchID: EX070312-1-1
Run ID: HCD070312-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.02 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28564

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	430	17	5.8	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	44.7		43.1	104	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics
LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03
Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QC Batch ID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.06g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28565

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	440	20	6.6	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	50.4		49.6	102	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C34.

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-04
Lab ID:	0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28566

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	210	17	5.6	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	42.5		41.8	102	47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C10-C32.

Data Package ID: HCD0703072-1

Diesel Range Organics

Method SW8015MB

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070312-1LCS

Sample Matrix: SLUDGE

Prep Batch: EX070312-1

Sample Aliquot: 20 g

% Moisture: N/A

QCBatchID: EX070312-1-1

Final Volume: 5 ml

Date Collected: N/A

Run ID: HCD070312-3A

Result Units: mg/kg

Date Extracted: 03/12/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/12/2007

Basis: N/A

File Name: F3F28550

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	50	49.9	5		100	43 - 139%

Lab ID: EX070312-1LCSD

Sample Matrix: SLUDGE

Prep Batch: EX070312-1

Sample Aliquot: 20 g

% Moisture: N/A

QCBatchID: EX070312-1-1

Final Volume: 5 ml

Date Collected: N/A

Run ID: HCD070312-3A

Result Units: mg/kg

Date Extracted: 03/12/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/12/2007

Basis: N/A

File Name: F3F28551

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
68334-30-5	Diesel Range Organics	50	52.9	5		106	20	6

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	86		90		47 - 142

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Diesel Range Organics

Method SW8015MB

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
LabID: 0703072-12MS

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20.2 g

Final Volume: 5 ml

Result Units: mg/kg

File Name: F3F28567

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	210	H	410		16.6	166	120	43 - 139%

Field ID: CC4B-030807-04
LabID: 0703072-12MSD

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: METHOD

Prep Batch: EX070312-1

QCBatchID: EX070312-1-1

Run ID: HCD070312-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

File Name: F3F28568

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
68334-30-5	Diesel Range Organics	611	*+	167	239	16.7	20	39

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
84-15-1	O-TERPHENYL	41.4	104		100		47 - 142

Data Package ID: HCD0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Paragon Analytics

Radiochemistry Case Narrative

Gamma Spectroscopy

S. M. Stoller Corporation

SJC Well 2 / 4165-030

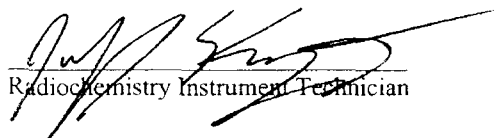
Paragon Work Order 0703072

1. This report consists of analysis results for 12 soil samples received by Paragon Analytics on 3/9/07. The analysis results for these samples are reported on a "Dry Weight" basis in units of pCi/gram.
2. These samples were prepared according to Paragon Analytics procedure PA SOP739R8.
3. The samples in batch GS070310-1 were sealed in steel cans on 3/10/07 and stored for at least 11 days to allow ^{222}Rn to approach equilibrium with its progeny. The degree of ingrowth achieved prior to analysis on 3/21/07 is at least 86.39%. Conservatively assuming a radon emanation efficiency of approximately 50%, the effective radon progeny ingrowth for these samples would be greater than 93.19%.
4. The samples in batch GS070213-1 were sealed in steel cans on 3/13/07 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 3/21/07 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%.
5. The samples were analyzed for the presence of gamma emitting radionuclides according to Paragon Analytics procedure PA SOP713R9. The analyses were completed on 3/21/07.
6. Paragon Analytics 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.
7. 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.
8. Sample volumes were insufficient to allow preparation of a duplicate. A duplicate analysis of sample 0702073-3 was performed in lieu of a prepared duplicate.
9. 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 work order. 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.



10. Because ^{228}Ra does not emit any gamma photons useful for quantification, the activity calculations are based on the energies of its progeny ^{228}Ac . The activity is calculated assuming that the two nuclides are in secular equilibrium.
11. No further problems were encountered with either the client samples or the associated quality control samples. All remaining 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

3/22/07
Date


Radiochemistry Final Data Review

3/22/07
Date

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070310-1MB

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 10-Mar-07
Date Prepared: 10-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1
QCBatchID: GS070310-1-1
Run ID: GS070310-1A
Count Time: 180 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070451d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	-0.062 +/- 0.089	0.158	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.
T1 - 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: GSS0703072-1

000003

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070310-1MB

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 10-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 180 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070451d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.08 +/- 0.12	0.26	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: GSS0703072-1

000004

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070313-1MB

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 13-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 75 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070438d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.05 +/- 0.11	0.19	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: GSS0703072-1

000005

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070313-1MB	Sample Matrix: SLUDGE	Prep Batch: GS070313-1	Final Aliquot: 215 g
Library: RA228(MP)	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070313-1-1	Result Units: pCi/g
	Date Collected: 13-Mar-07	Run ID: GS070313-1A	File Name: 070438d02
	Date Prepared: 13-Mar-07	Count Time: 75 minutes	
	Date Analyzed: 21-Mar-07		

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.02 +/- 0.18	0.33	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.
T1 - Nuclide identification is tentative.
R - Nuclide has exceeded 6 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: GSS0703072-1

000006

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070310-1ALCS

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 10-Mar-07
Date Prepared: 10-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1
QCBatchID: GS070310-1-1
Run ID: GS070310-1A
Count Time: 30 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070330d03

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
13982-63-3	Ra-226	465 +/- 54	3	471	98.9	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: GSS0703072-1

003007

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070310-1LCS

Library: ANALYTICAL

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8

Date Collected: 10-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 30 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070446d02

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14596-10-2	Am-241	448 +/- 53	10	462	96.9	85 - 115	P
10198-40-0	Co-60	240 +/- 28	1	244	98.4	85 - 115	P
10045-97-3	Cs-137	184 +/- 22	1	176	105	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 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: GSS0703072-1

000008

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070313-1ALCS

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 13-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 30 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070307d04

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
13982-63-3	Ra-226	466 +/- 55	3	471	98.9	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: GS070313-1LCS

Library: ANALYTICAL

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 13-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 30 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070328d03

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14596-10-2	Am-241	481 +/- 57	12	462	104	85 - 115	P
10198-40-0	Co-60	251 +/- 29	1	244	103	85 - 115	P
10045-97-3	Cs-137	180 +/- 21	1	176	102	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.

T1 - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

Data Package ID: GSS0703072-1

000010

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02	Sample Matrix: SLUDGE	Prep Batch: GS070310-1	Final Aliquot: 154 g
Lab ID: 0703072-2DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070310-1-1	Prep Basis: Unfiltered
Library: Ra226	Date Collected: 07-Mar-07	Run ID: GS070310-1A	Moisture(%): NA
	Date Prepared: 10-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070306d04A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	0.99 +/- 0.25	1.16 +/- 0.24	0.49	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: GSS0703072-1

000011

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2DUP

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 07-Mar-07
Date Prepared: 10-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1
QCBatchID: GS070310-1-1
Run ID: GS070310-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 154 g
Prep Basis: Unfiltered
Moisture(%): NA
Result Units: pCi/g
File Name: 070306d04

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	1.07 +/- 0.34	0.92 +/- 0.34	0.31	2.13	LT,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: GSS0703072-1

000012

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03	Sample Matrix: SLUDGE	Prep Batch: GS070313-1	Final Aliquot: 118 g
Lab ID: 0703072-3DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070313-1-1	Prep Basis: Dry Weight
Library: RA226	Date Collected: 07-Mar-07	Run ID: GS070313-1A	Moisture(%): NA
	Date Prepared: 13-Mar-07	Count Time: 70 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070305d04A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	1.83 +/- 0.35	1.61 +/- 0.31	0.46	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

SO - 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: GSS0703072-1

003013

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3DUP

Library: RA228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 70 minutes

Report Basis: Dry Weight

Final Aliquot: 118 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070305d04

CASNO	Analyte	Sample Result +/- 2 s TPU	Duplicate Result +/- 2 s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	1.52 +/- 0.48	1.49 +/- 0.43	0.04	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.

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

Data Package ID: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
Lab ID: 0703072-1

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 07-Mar-07
Date Prepared: 10-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1
QCBatchID: GS070310-1-1
Run ID: GS070310-1A
Count Time: 105 minutes
Report Basis: Dry Weight

Final Aliquot: 70.4 g
Prep Basis: Unfiltered
Moisture(%): NA
Result Units: pCi/g
File Name: 070442d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.37 +/- 0.33	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.
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: GSS0703072-1

000010

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01

Lab ID: 0703072-1

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 105 minutes

Report Basis: Dry Weight

Final Aliquot: 70.4 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070442d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.13 +/- 0.53	0.99	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: GSS0703072-1

000010

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02	Sample Matrix: SLUDGE	Prep Batch: GS070310-1	Final Aliquot: 146 g
Lab ID: 0703072-2	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070310-1-1	Prep Basis: Unfiltered
Library: Ra226	Date Collected: 07-Mar-07	Run ID: GS070310-1A	Moisture(%): NA
	Date Prepared: 10-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070327d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.99 +/- 0.25	0.41	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: GSS0703072-1

000017

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC48-030707-02

Lab ID: 0703072-2

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 146 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070327d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.07 +/- 0.34	0.64	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: GSS0703072-1

000018

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02

Lab ID: 0703072-2DUP

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 154 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070306d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.16 +/- 0.24	0.35	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: GSS0703072-1

000019

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02

Lab ID: 0703072-2DUP

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 154 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070306d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.92 +/- 0.34	0.49	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.

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: GSS0703072-1

000020

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QC Batch ID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 118 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070436d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.83 +/- 0.35	0.49	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: GSS0703072-1

000021

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03	Sample Matrix: SLUDGE	Prep Batch: GS070313-1	Final Aliquot: 118 g
Lab ID: 0703072-3	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070313-1-1	Prep Basis: Dry Weight
Library: RA228(MP)	Date Collected: 07-Mar-07	Run ID: GS070313-1A	Moisture(%): NA
	Date Prepared: 13-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070436d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.52 +/- 0.48	0.86	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: GSS0703072-1

000022

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3DUP

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 70 minutes

Report Basis: Dry Weight

Final Aliquot: 118 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070305d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.61 +/- 0.31	0.42	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3DUP

Library: RA228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 70 minutes

Report Basis: Dry Weight

Final Aliquot: 118 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070305d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.49 +/- 0.43	0.83	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: GSS0703072-1

000024

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04

Lab ID: 0703072-4

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 180 minutes

Report Basis: Dry Weight

Final Aliquot: 54.2 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070445d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.13 +/- 0.31	0.65	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04

Lab ID: 0703072-4

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 180 minutes

Report Basis: Dry Weight

Final Aliquot: 54.2 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070445d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.96 +/- 0.48	0.95	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05

Lab ID: 0703072-5

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 119 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070322d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.67 +/- 0.35	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.

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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05

Lab ID: 0703072-5

Library: RA228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 119 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070322d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.46 +/- 0.50	0.85	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-6

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 150 minutes

Report Basis: Dry Weight

Final Aliquot: 59.5 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070329d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.52 +/- 0.35	0.66	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: GSS0703072-1

000029

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-6

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 150 minutes

Report Basis: Dry Weight

Final Aliquot: 59.5 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070329d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.51 +/- 0.47	0.90	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07	Sample Matrix: SLUDGE	Prep Batch: GS070313-1	Final Aliquot: 96.1 g
Lab ID: 0703072-7	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070313-1-1	Prep Basis: Dry Weight
Library: RA226	Date Collected: 07-Mar-07	Run ID: GS070313-1A	Moisture(%): NA
	Date Prepared: 13-Mar-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070303d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.81 +/- 0.39	0.57	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: GSS0703072-1

000031

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
Lab ID: 0703072-7

Library: RA228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 07-Mar-07
Date Prepared: 13-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1
QCBatchID: GS070313-1-1
Run ID: GS070313-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 96.1 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070303d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.50 +/- 0.49	0.73	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 92.1 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070308d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.83 +/- 0.39	0.52	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.

SO - 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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 07-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 92.1 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070308d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.61 +/- 0.58	0.76	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 halflives.

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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01

Lab ID: 0703072-9

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 75 minutes

Report Basis: Dry Weight

Final Aliquot: 94.5 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070424d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.54 +/- 0.33	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.

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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01	Sample Matrix: SLUDGE	Prep Batch: GS070310-1	Final Aliquot: 94.5 g
Lab ID: 0703072-9	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070310-1-1	Prep Basis: Unfiltered
Library: Ra228(MP)	Date Collected: 08-Mar-07	Run ID: GS070310-1A	Moisture(%): NA
	Date Prepared: 10-Mar-07	Count Time: 75 minutes	Result Units: pCi/g
	Date Analyzed: 21-Mar-07	Report Basis: Dry Weight	File Name: 070424d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.77 +/- 0.51	0.83	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02

Lab ID: 0703072-10

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 90 minutes

Report Basis: Dry Weight

Final Aliquot: 79.8 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070311d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.70 +/- 0.36	0.54	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02

Lab ID: 0703072-10

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 90 minutes

Report Basis: Dry Weight

Final Aliquot: 79.8 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070311d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.30 +/- 0.44	0.83	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: GSS0703072-1

000033

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Library: Ra226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 130 minutes

Report Basis: Dry Weight

Final Aliquot: 65.8 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070403d08A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.46 +/- 0.33	0.63	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 halfives.

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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Library: Ra228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 10-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070310-1

QCBatchID: GS070310-1-1

Run ID: GS070310-1A

Count Time: 130 minutes

Report Basis: Dry Weight

Final Aliquot: 65.8 g

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/g

File Name: 070403d08

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.60 +/- 0.50	0.98	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04

Lab ID: 0703072-12

Library: RA226

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 75 minutes

Report Basis: Dry Weight

Final Aliquot: 97.6 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070326d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.37 +/- 0.33	0.54	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: GSS0703072-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04

Lab ID: 0703072-12

Library: RA228(MP)

Sample Matrix: SLUDGE

Prep SOP: PAI 739 Rev 8

Date Collected: 08-Mar-07

Date Prepared: 13-Mar-07

Date Analyzed: 21-Mar-07

Prep Batch: GS070313-1

QCBatchID: GS070313-1-1

Run ID: GS070313-1A

Count Time: 75 minutes

Report Basis: Dry Weight

Final Aliquot: 97.6 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070326d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.82 +/- 0.56	0.93	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 halfives.

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: GSS0703072-1

Paragon Analytics

GC/MS Semivolatiles Case Narrative

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples and 12 TCLP leachates. These samples were received cool and intact on 03/09/07.
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 recoveries and RPDs were within the acceptance criteria.
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 with the following exceptions:

Spiked Compound	QC Sample	Direction
4-Nitrophenol	6MS, 6MSD	Low

The recoveries of this compound in the laboratory control spike and laboratory control spike duplicate were within control limits, which suggests the outliers in the matrix spikes may have been due to matrix effects, so no further action is needed. Blank spike and blank spike duplicate results are included.

10. The samples were extracted and analyzed within the established holding times.
11. All surrogate recoveries were within acceptance limits with the following exceptions:

Surrogate	Sample	Direction
2,4,6-Tribromophenol	6, 6RX1, 10	Low
Terphenyl-D ₁₄	6, 6MS, 6MSD, 8, 9	High

Sample 0703072-6 was also used for the matrix spike and matrix spike duplicate. The surrogates were also outside the acceptance criteria in the spikes, which suggests matrix effects are present in the sample. Re-extraction was not required.

The re-analysis of these samples confirmed the original surrogate analysis. The samples were not re-extracted because of an obvious matrix effect demonstrated by a large baseline rise in the chromatograms.

12. All internal standard recoveries were within acceptance criteria with the following exceptions:

Internal Standard	Sample	Direction
Chrysene-D ₁₂	8, 9	Low
Perylene-D ₁₂	6MSD, 8, 9, 10	Low

Re-analysis of the samples duplicated the original result. This suggests that the outliers were due to matrix effects. No further action was taken.

13. Due to the lack of targets found in the 10 gram extraction, samples 0703072-2, -3, -5, -6, -7 and -10 were extracted at 25 grams. Both extractions of sample 0703072-6 were reported.

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.

Joe Kostelnik ^{FOR JOE KOSTELNIK} 3/22/07
Joe Kostelnik Date
Organic Chemist

SEJ 3-22-07
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: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-3MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 14-Mar-07

Date Analyzed: 18-Mar-07

Prep Batch: EX070314-7

QCBatchID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5515

LEACH DATE: 3/13/2007

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	0.587		0.75	78	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.393		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.577		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.401		0.5	80	34 - 111
4165-62-2	PHENOL-D5	0.595		0.75	79	15 - 104
1718-51-0	TERPHENYL-D14	0.452		0.5	90	33 - 111

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
 Lab ID: 0703072-17

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 14-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070314-7
 QCBatchID: EX070314-7-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5518

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	0.646		0.75	86	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.408		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.596		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.409		0.5	82	34 - 111
4165-62-2	PHENOL-D5	0.615		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.488		0.5	98	33 - 111

Data Package ID: SV0703072-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
 Lab ID: 0703072-19

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 14-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070314-7
 QCBatchID: EX070314-7-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5519

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	0.641		0.75	86	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.408		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.596		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.406		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.602		0.75	80	15 - 104
1718-51-0	TERPHENYL-D14	0.526		0.5	105	33 - 111

Data Package ID: SV0703072-1

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02

Lab ID: 0703072-23

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070314-7

QCBatchID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5521

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	0.576		0.75	77	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.39		0.5	78	21 - 106
367-12-4	2-FLUOROPHENOL	0.581		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.403		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.585		0.75	78	15 - 104
1718-51-0	TERPHENYL-D14	0.478		0.5	96	33 - 111

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-24

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070314-7

QCBatchID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5522

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	0.596		0.75	80	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.389		0.5	78	21 - 106
367-12-4	2-FLUOROPHENOL	0.567		0.75	76	21 - 100
4165-60-0	NITROBENZENE-D5	0.385		0.5	77	34 - 111
4165-62-2	PHENOL-D5	0.594		0.75	79	15 - 104
1718-51-0	TERPHENYL-D14	0.538		0.5	108	33 - 111

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-9MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 18-Mar-07

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5523

LEACH DATE: 3/14/2007

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	0.489		0.75	65	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.333		0.5	67	21 - 106
367-12-4	2-FLUOROPHENOL	0.469		0.75	63	21 - 100
4165-60-0	NITROBENZENE-D5	0.333		0.5	67	34 - 111
4165-62-2	PHENOL-D5	0.488		0.75	65	15 - 104
1718-51-0	TERPHENYL-D14	0.473		0.5	95	33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
 Lab ID: 0703072-14

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 15-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070315-6
 QCBatchID: EX070315-6-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5526

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	0.577		0.75	77	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.351		0.5	70	21 - 106
367-12-4	2-FLUOROPHENOL	0.484		0.75	65	21 - 100
4165-60-0	NITROBENZENE-D5	0.335		0.5	67	34 - 111
4165-62-2	PHENOL-D5	0.512		0.75	68	15 - 104
1718-51-0	TERPHENYL-D14	0.482		0.5	96	33 - 111

Data Package ID: SV0703072-2

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
 Lab ID: 0703072-15

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 15-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070315-6
 QCBatchID: EX070315-6-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5527

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	0.537		0.75	72	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.355		0.5	71	21 - 106
367-12-4	2-FLUOROPHENOL	0.49		0.75	65	21 - 100
4165-60-0	NITROBENZENE-D5	0.349		0.5	70	34 - 111
4165-62-2	PHENOL-D5	0.516		0.75	69	15 - 104
1718-51-0	TERPHENYL-D14	0.44		0.5	88	33 - 111

Data Package ID: SV0703072-2

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-16

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5528

LEACH DATE: 3/14/2007

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-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	0.515		0.75	69	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.324		0.5	65	21 - 106
367-12-4	2-FLUOROPHENOL	0.489		0.75	65	21 - 100
4165-60-0	NITROBENZENE-D5	0.336		0.5	67	34 - 111
4165-62-2	PHENOL-D5	0.494		0.75	66	15 - 104
1718-51-0	TERPHENYL-D14	0.389		0.5	78	33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
 Lab ID: 0703072-18

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 15-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070315-6
 QCBatchID: EX070315-6-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5530

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	0.558		0.75	74	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.343		0.5	69	21 - 106
367-12-4	2-FLUOROPHENOL	0.481		0.75	64	21 - 100
4165-60-0	NITROBENZENE-D5	0.336		0.5	67	34 - 111
4165-62-2	PHENOL-D5	0.5		0.75	67	15 - 104
1718-51-0	TERPHENYL-D14	0.452		0.5	90	33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics
 LIMS Version: 5.494A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
 Lab ID: 0703072-20

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 15-Mar-07
 Date Analyzed: 18-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070315-6
 QCBatchID: EX070315-6-1
 Run ID: SV070318-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5531

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	0.562		0.75	75	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.359		0.5	72	21 - 106
367-12-4	2-FLUOROPHENOL	0.529		0.75	70	21 - 100
4165-60-0	NITROBENZENE-D5	0.368		0.5	74	34 - 111
4165-62-2	PHENOL-D5	0.541		0.75	72	15 - 104
1718-51-0	TERPHENYL-D14	0.363		0.5	73	33 - 111

Data Package ID: SV0703072-2

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-21

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5532

LEACH DATE: 3/14/2007

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-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	0.569		0.75	76	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.351		0.5	70	21 - 106
367-12-4	2-FLUOROPHENOL	0.499		0.75	67	21 - 100
4165-60-0	NITROBENZENE-D5	0.349		0.5	70	34 - 111
4165-62-2	PHENOL-D5	0.519		0.75	69	15 - 104
1718-51-0	TERPHENYL-D14	0.428		0.5	86	33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-22

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 18-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5533

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	0.541		0.75	72	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.341		0.5	68	21 - 106
367-12-4	2-FLUOROPHENOL	0.485		0.75	65	21 - 100
4165-60-0	NITROBENZENE-D5	0.334		0.5	67	34 - 111
4165-62-2	PHENOL-D5	0.504		0.75	67	15 - 104
1718-51-0	TERPHENYL-D14	0.372		0.5	74	33 - 111

Data Package ID: SV0703072-2

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04 Lab ID: 0703072-25 LEACH DATE: 3/14/2007	Sample Matrix: LEACHATE % Moisture: N/A Date Collected: 08-Mar-07 Date Extracted: 15-Mar-07 Date Analyzed: 18-Mar-07 Prep Method: SW3520 Rev C	Prep Batch: EX070315-6 QCBatchID: EX070315-6-1 Run ID: SV070318-2 Cleanup: NONE Basis: As Received	Sample Aliquot: 100 ml Final Volume: 1 ml Result Units: mg/l Clean DF: 1 File Name: P5534
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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	0.534		0.75	71	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.371		0.5	74	21 - 106
367-12-4	2-FLUOROPHENOL	0.537		0.75	72	21 - 100
4165-60-0	NITROBENZENE-D5	0.367		0.5	73	34 - 111
4165-62-2	PHENOL-D5	0.549		0.75	73	15 - 104
1718-51-0	TERPHENYL-D14	0.46		0.5	92	33 - 111

Data Package ID: SV0703072-2

GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070309-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1531

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: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

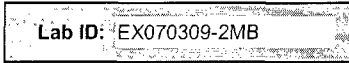
Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030



Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1531

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1640		2500	66	19 - 113
321-60-8	2-FLUOROBIPHENYL	1360		1670	82	30 - 105
367-12-4	2-FLUOROPHENOL	2020		2500	81	25 - 100
4165-60-0	NITROBENZENE-D5	1160		1670	69	31 - 106
4165-62-2	PHENOL-D5	2110		2500	84	24 - 104
1718-51-0	TERPHENYL-D14	1390		1670	84	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01

Lab ID: 0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.05 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1534

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	11000	2300	700		
95-57-8	2-CHLOROPHENOL	1	2300	2300	710	U	
95-48-7	2-METHYLPHENOL	1	2300	2300	690	U	
108-39-4	3+4-METHYLPHENOL	1	2300	2300	590	U	
88-75-5	2-NITROPHENOL	1	2300	2300	640	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2300	2300	690	U	
120-83-2	2,4-DICHLOROPHENOL	1	2300	2300	720	U	
91-20-3	NAPHTHALENE	1	2300	2300	400	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	2300	630	U	
91-57-6	2-METHYLNAPHTHALENE	1	2300	2300	390	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	2300	710	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	2300	710	U	
91-58-7	2-CHLORONAPHTHALENE	1	2300	2300	370	U	
51-28-5	2,4-DINITROPHENOL	1	4600	4600	3100	U	
100-02-7	4-NITROPHENOL	1	4600	4600	450	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	4600	4600	460	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	2300	710	U	
87-86-5	PENTACHLOROPHENOL	1	4600	4600	560	U	
50-32-8	BENZO(A)PYRENE	1	2300	2300	86	U	
90-12-0	1-METHYLNAPHTHALENE	1	2300	2300	360	U	

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-01
Lab ID:	0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.05 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1534

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10400		17200	60	19 - 113
321-60-8	2-FLUOROBIPHENYL	7910		11400	69	30 - 105
367-12-4	2-FLUOROPHENOL	11400		17200	66	25 - 100
4165-60-0	NITROBENZENE-D5	7190		11400	63	31 - 106
4165-62-2	PHENOL-D5	12600		17200	74	24 - 104
1718-51-0	TERPHENYL-D14	8710		11400	76	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
Lab ID: 0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.15 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1537

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	27000	3100	960		
95-57-8	2-CHLOROPHENOL	1	3100	3100	980	U	
95-48-7	2-METHYLPHENOL	1	3100	3100	950	U	
108-39-4	3+4-METHYLPHENOL	1	3100	3100	810	U	
88-75-5	2-NITROPHENOL	1	3100	3100	880	U	
105-67-9	2,4-DIMETHYLPHENOL	1	3100	3100	950	U	
120-83-2	2,4-DICHLOROPHENOL	1	3100	3100	990	U	
91-20-3	NAPHTHALENE	1	3100	3100	550	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3100	3100	860	U	
91-57-6	2-METHYLNAPHTHALENE	1	3100	3100	540	U	
88-06-2	2,4,6-TRICHLOROPHENOL	1	3100	3100	970	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	3100	3100	970	U	
91-58-7	2-CHLORONAPHTHALENE	1	3100	3100	510	U	
51-28-5	2,4-DINITROPHENOL	1	6300	6300	4200	U	
100-02-7	4-NITROPHENOL	1	6300	6300	620	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	6300	6300	630	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3100	3100	980	U	
87-86-5	PENTACHLOROPHENOL	1	6300	6300	760	U	
50-32-8	BENZO(A)PYRENE	1	3100	3100	120	U	
90-12-0	1-METHYLNAPHTHALENE	1	3100	3100	490	U	

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04

Lab ID: 0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.15 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1537

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15500		23600	66	19 - 113
321-60-8	2-FLUOROBIPHENYL	11300		15700	72	30 - 105
367-12-4	2-FLUOROPHENOL	15700		23600	67	25 - 100
4165-60-0	NITROBENZENE-D5	10700		15700	68	31 - 106
4165-62-2	PHENOL-D5	18800		23600	80	24 - 104
1718-51-0	TERPHENYL-D14	13800		15700	88	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.11 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1540

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	3900	3900	1200	U	
95-57-8	2-CHLOROPHENOL	1	3900	3900	1200	U	
95-48-7	2-METHYLPHENOL	1	3900	3900	1200	U	
108-39-4	3+4-METHYLPHENOL	1	3900	3900	1000	U	
88-75-5	2-NITROPHENOL	1	3900	3900	1100	U	
105-67-9	2,4-DIMETHYLPHENOL	1	3900	3900	1200	U	
120-83-2	2,4-DICHLOROPHENOL	1	3900	3900	1200	U	
91-20-3	NAPHTHALENE	1	3900	3900	690	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3900	3900	1100	U	
91-57-6	2-METHYLNAPHTHALENE	1	1800	3900	670	J	
88-06-2	2,4,6-TRICHLOROPHENOL	1	3900	3900	1200	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	3900	3900	1200	U	
91-58-7	2-CHLORONAPHTHALENE	1	3900	3900	640	U	
51-28-5	2,4-DINITROPHENOL	1	7900	7900	5300	U	
100-02-7	4-NITROPHENOL	1	7900	7900	780	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	7900	7900	780	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3900	3900	1200	U	
87-86-5	PENTACHLOROPHENOL	1	7900	7900	960	U	
50-32-8	BENZO(A)PYRENE	1	3900	3900	150	U	
90-12-0	1-METHYLNAPHTHALENE	1	1200	3900	610	J	

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.11 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1540

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14900		29500	51	19 - 113
321-60-8	2-FLUOROBIPHENYL	13400		19700	68	30 - 105
367-12-4	2-FLUOROPHENOL	20500		29500	70	25 - 100
4165-60-0	NITROBENZENE-D5	13200		19700	67	31 - 106
4165-62-2	PHENOL-D5	23200		29500	79	24 - 104
1718-51-0	TERPHENYL-D14	19800		19700	101	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.24 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1542

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	7100	3300	1000		
95-57-8	2-CHLOROPHENOL	1	3300	3300	1000	U	
95-48-7	2-METHYLPHENOL	1	3300	3300	990	U	
108-39-4	3+4-METHYLPHENOL	1	3300	3300	840	U	
88-75-5	2-NITROPHENOL	1	3300	3300	910	U	
105-67-9	2,4-DIMETHYLPHENOL	1	3300	3300	990	U	
120-83-2	2,4-DICHLOROPHENOL	1	3300	3300	1000	U	
91-20-3	NAPHTHALENE	1	3300	3300	570	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3300	3300	890	U	
91-57-6	2-METHYLNAPHTHALENE	1	2300	3300	560	J	
88-06-2	2,4,6-TRICHLOROPHENOL	1	3300	3300	1000	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	3300	3300	1000	U	
91-58-7	2-CHLORONAPHTHALENE	1	3300	3300	530	U	
51-28-5	2,4-DINITROPHENOL	1	6500	6500	4400	U	
100-02-7	4-NITROPHENOL	1	6500	6500	650	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	6500	6500	650	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3300	3300	1000	U	
87-86-5	PENTACHLOROPHENOL	1	6500	6500	790	U	
50-32-8	BENZO(A)PYRENE	1	3300	3300	120	U	
90-12-0	1-METHYLNAPHTHALENE	1	1400	3300	510	J	

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.24 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1542

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13500		24500	55	19 - 113
321-60-8	2-FLUOROBIPHENYL	11700		16300	72	30 - 105
367-12-4	2-FLUOROPHENOL	16600		24500	68	25 - 100
4165-60-0	NITROBENZENE-D5	10700		16300	65	31 - 106
4165-62-2	PHENOL-D5	18200		24500	74	24 - 104
1718-51-0	TERPHENYL-D14	17200		16300	105	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.35 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1543

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	3700	3700	1100	U	
95-57-8	2-CHLOROPHENOL	1	3700	3700	1200	U	
95-48-7	2-METHYLPHENOL	1	3700	3700	1100	U	
108-39-4	3+4-METHYLPHENOL	1	3700	3700	960	U	
88-75-5	2-NITROPHENOL	1	3700	3700	1000	U	
105-67-9	2,4-DIMETHYLPHENOL	1	3700	3700	1100	U	
120-83-2	2,4-DICHLOROPHENOL	1	3700	3700	1200	U	
91-20-3	NAPHTHALENE	1	770	3700	650	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3700	3700	1000	U	
91-57-6	2-METHYLNAPHTHALENE	1	3900	3700	640		
88-06-2	2,4,6-TRICHLOROPHENOL	1	3700	3700	1200	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	3700	3700	1200	U	
91-58-7	2-CHLORONAPHTHALENE	1	3700	3700	610	U	
51-28-5	2,4-DINITROPHENOL	1	7500	7500	5000	U	
100-02-7	4-NITROPHENOL	1	7500	7500	740	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	7500	7500	740	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3700	3700	1200	U	
87-86-5	PENTACHLOROPHENOL	1	7500	7500	910	U	
50-32-8	BENZO(A)PYRENE	1	250	3700	140	J	
90-12-0	1-METHYLNAPHTHALENE	1	2200	3700	580	J	

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.35 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1543

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1410	*	28000	5	19 - 113
321-60-8	2-FLUOROBIPHENYL	13800		18700	74	30 - 105
367-12-4	2-FLUOROPHENOL	18100		28000	65	25 - 100
4165-60-0	NITROBENZENE-D5	12400		18700	66	31 - 106
4165-62-2	PHENOL-D5	22200		28000	79	24 - 104
1718-51-0	TERPHENYL-D14	27000	*	18700	145	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.25 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1546

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1100	2900	900	J	
95-57-8	2-CHLOROPHENOL	1	2900	2900	920	U	
95-48-7	2-METHYLPHENOL	1	2900	2900	890	U	
108-39-4	3+4-METHYLPHENOL	1	2900	2900	760	U	
88-75-5	2-NITROPHENOL	1	2900	2900	820	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2900	2900	890	U	
120-83-2	2,4-DICHLOROPHENOL	1	2900	2900	930	U	
91-20-3	NAPHTHALENE	1	3000	2900	510		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2900	2900	800	U	
91-57-6	2-METHYLNAPHTHALENE	1	15000	2900	500		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2900	2900	910	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2900	2900	910	U	
91-58-7	2-CHLORONAPHTHALENE	1	2900	2900	480	U	
51-28-5	2,4-DINITROPHENOL	1	5900	5900	3900	U	
100-02-7	4-NITROPHENOL	1	5900	5900	580	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	5900	5900	580	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2900	2900	920	U	
87-86-5	PENTACHLOROPHENOL	1	5900	5900	710	U	
50-32-8	BENZO(A)PYRENE	1	2900	2900	110	U	
90-12-0	1-METHYLNAPHTHALENE	1	7400	2900	460		

Data Package ID: SV0703072-3

GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9

Sample Matrix: SLUDGE
% Moisture: 66.8
Date Collected: 08-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070309-2
QCBatchID: EX070309-2-1
Run ID: SV070312-1
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 10.25 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1546

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	12500		22000	57	19 - 113
321-60-8	2-FLUOROBIPHENYL	9810		14700	67	30 - 105
367-12-4	2-FLUOROPHENOL	14900		22000	68	25 - 100
4165-60-0	NITROBENZENE-D5	9500		14700	65	31 - 106
4165-62-2	PHENOL-D5	16500		22000	75	24 - 104
1718-51-0	TERPHENYL-D14	34000	*	14700	231	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-8

Sample Matrix: SLUDGE
% Moisture: 68.0
Date Collected: 07-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070309-2
QCBatchID: EX070309-2-1
Run ID: SV070312-1
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 10.01 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1547

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1300	3100	960	J	
95-57-8	2-CHLOROPHENOL	1	3100	3100	970	U	
95-48-7	2-METHYLPHENOL	1	3100	3100	950	U	
108-39-4	3+4-METHYLPHENOL	1	3100	3100	800	U	
88-75-5	2-NITROPHENOL	1	3100	3100	880	U	
105-67-9	2,4-DIMETHYLPHENOL	1	3100	3100	950	U	
120-83-2	2,4-DICHLOROPHENOL	1	3100	3100	980	U	
91-20-3	NAPHTHALENE	1	4000	3100	550		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3100	3100	850	U	
91-57-6	2-METHYLNAPHTHALENE	1	26000	3100	530		
88-06-2	2,4,6-TRICHLOROPHENOL	1	3100	3100	970	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	3100	3100	970	U	
91-58-7	2-CHLORONAPHTHALENE	1	3100	3100	510	U	
51-28-5	2,4-DINITROPHENOL	1	6200	6200	4200	U	
100-02-7	4-NITROPHENOL	1	6200	6200	620	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	6200	6200	620	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3100	3100	970	U	
87-86-5	PENTACHLOROPHENOL	1	6200	6200	760	U	
50-32-8	BENZO(A)PYRENE	1	3100	3100	120	U	
90-12-0	1-METHYLNAPHTHALENE	1	13000	3100	490		

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1547

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	12200		23400	52	19 - 113
321-60-8	2-FLUOROBIPHENYL	10200		15600	65	30 - 105
367-12-4	2-FLUOROPHENOL	17000		23400	73	25 - 100
4165-60-0	NITROBENZENE-D5	10700		15600	69	31 - 106
4165-62-2	PHENOL-D5	19400		23400	83	24 - 104
1718-51-0	TERPHENYL-D14	29200	*	15600	187	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1551

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: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1551

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1580		2500	63	19 - 113
321-60-8	2-FLUOROBIPHENYL	1240		1670	74	30 - 105
367-12-4	2-FLUOROPHENOL	1890		2500	76	25 - 100
4165-60-0	NITROBENZENE-D5	1120		1670	67	31 - 106
4165-62-2	PHENOL-D5	1990		2500	80	24 - 104
1718-51-0	TERPHENYL-D14	1410		1670	84	18 - 112

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
Lab ID: 0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1554

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1100	1200	380	J	
95-57-8	2-CHLOROPHENOL	1	1200	1200	380	U	
95-48-7	2-METHYLPHENOL	1	1200	1200	370	U	
108-39-4	3+4-METHYLPHENOL	1	1200	1200	320	U	
88-75-5	2-NITROPHENOL	1	1200	1200	340	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1200	1200	370	U	
120-83-2	2,4-DICHLOROPHENOL	1	1200	1200	390	U	
91-20-3	NAPHTHALENE	1	1200	1200	210	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1200	1200	340	U	
91-57-6	2-METHYLNAPHTHALENE	1	370	1200	210	J	
88-06-2	2,4,6-TRICHLOROPHENOL	1	1200	1200	380	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1200	1200	380	U	
91-58-7	2-CHLORONAPHTHALENE	1	1200	1200	200	U	
51-28-5	2,4-DINITROPHENOL	1	2500	2500	1600	U	
100-02-7	4-NITROPHENOL	1	2500	2500	240	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2500	2500	240	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1200	1200	380	U	
87-86-5	PENTACHLOROPHENOL	1	2500	2500	300	U	
50-32-8	BENZO(A)PYRENE	1	1200	1200	46	U	
90-12-0	1-METHYLNAPHTHALENE	1	1200	1200	190	U	

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1554

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	6500		9210	71	19 - 113
321-60-8	2-FLUOROBIPHENYL	3070		6140	50	30 - 105
367-12-4	2-FLUOROPHENOL	6480		9210	70	25 - 100
4165-60-0	NITROBENZENE-D5	3860		6140	63	31 - 106
4165-62-2	PHENOL-D5	6910		9210	75	24 - 104
1718-51-0	TERPHENYL-D14	4780		6140	78	18 - 112

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05

Lab ID: 10703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.19 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1555

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	3000	1200	360		
95-57-8	2-CHLOROPHENOL	1	1200	1200	370	U	
95-48-7	2-METHYLPHENOL	1	1200	1200	360	U	
108-39-4	3+4-METHYLPHENOL	1	1200	1200	310	U	
88-75-5	2-NITROPHENOL	1	1200	1200	330	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1200	1200	360	U	
120-83-2	2,4-DICHLOROPHENOL	1	1200	1200	380	U	
91-20-3	NAPHTHALENE	1	1200	1200	210	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1200	1200	330	U	
91-57-6	2-METHYLNAPHTHALENE	1	310	1200	200	J	
88-06-2	2,4,6-TRICHLOROPHENOL	1	1200	1200	370	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1200	1200	370	U	
91-58-7	2-CHLORONAPHTHALENE	1	1200	1200	190	U	
51-28-5	2,4-DINITROPHENOL	1	2400	2400	1600	U	
100-02-7	4-NITROPHENOL	1	2400	2400	240	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2400	2400	240	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1200	1200	370	U	
87-86-5	PENTACHLOROPHENOL	1	2400	2400	290	U	
50-32-8	BENZO(A)PYRENE	1	1200	1200	45	U	
90-12-0	1-METHYLNAPHTHALENE	1	1200	1200	190	U	

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05

Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.19 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1555

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4470		8940	50	19 - 113
321-60-8	2-FLUOROBIPHENYL	3670		5960	61	30 - 105
367-12-4	2-FLUOROPHENOL	6230		8940	70	25 - 100
4165-60-0	NITROBENZENE-D5	3930		5960	66	31 - 106
4165-62-2	PHENOL-D5	6730		8940	75	24 - 104
1718-51-0	TERPHENYL-D14	5100		5960	86	18 - 112

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.4 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1556

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	170	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	530	530	93	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	530	530	150	U	
91-57-6	2-METHYLNAPHTHALENE	1	530	530	91	U	
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	86	U	
51-28-5	2,4-DINITROPHENOL	1	1100	1100	710	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	530	530	170	U	
87-86-5	PENTACHLOROPHENOL	1	1100	1100	130	U	
50-32-8	BENZO(A)PYRENE	1	25	530	20	J	
90-12-0	1-METHYLNAPHTHALENE	1	530	530	83	U	

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.4 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1556

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2910		3980	73	19 - 113
321-60-8	2-FLUOROBIPHENYL	1820		2660	69	30 - 105
367-12-4	2-FLUOROPHENOL	2860		3980	72	25 - 100
4165-60-0	NITROBENZENE-D5	1760		2660	66	31 - 106
4165-62-2	PHENOL-D5	3070		3980	77	24 - 104
1718-51-0	TERPHENYL-D14	2110		2660	80	18 - 112

Data Package ID: SV0703072-4

GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.06 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1557

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	800	1600	500	J	
95-57-8	2-CHLOROPHENOL	1	1600	1600	510	U	
95-48-7	2-METHYLPHENOL	1	1600	1600	500	U	
108-39-4	3+4-METHYLPHENOL	1	1600	1600	420	U	
88-75-5	2-NITROPHENOL	1	1600	1600	460	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1600	1600	500	U	
120-83-2	2,4-DICHLOROPHENOL	1	1600	1600	520	U	
91-20-3	NAPHTHALENE	1	2500	1600	290		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1600	1600	450	U	
91-57-6	2-METHYLNAPHTHALENE	1	6000	1600	280		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1600	1600	510	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1600	1600	510	U	
91-58-7	2-CHLORONAPHTHALENE	1	1600	1600	270	U	
51-28-5	2,4-DINITROPHENOL	1	3300	3300	2200	U	
100-02-7	4-NITROPHENOL	1	3300	3300	330	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3300	3300	330	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1600	1600	510	U	
87-86-5	PENTACHLOROPHENOL	1	3300	3300	400	U	
50-32-8	BENZO(A)PYRENE	1	1600	1600	62	U	
90-12-0	1-METHYLNAPHTHALENE	1	2800	1600	260		

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.06 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1557

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9270		12300	75	19 - 113
321-60-8	2-FLUOROBIPHENYL	4820		8210	59	30 - 105
367-12-4	2-FLUOROPHENOL	8450		12300	69	25 - 100
4165-60-0	NITROBENZENE-D5	5150		8210	63	31 - 106
4165-62-2	PHENOL-D5	9200		12300	75	24 - 104
1718-51-0	TERPHENYL-D14	7530		8210	92	18 - 112

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02

Lab ID: 0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.04 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1558

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	440	1400	420	J	
95-57-8	2-CHLOROPHENOL	1	1400	1400	430	U	
95-48-7	2-METHYLPHENOL	1	1400	1400	420	U	
108-39-4	3+4-METHYLPHENOL	1	1400	1400	350	U	
88-75-5	2-NITROPHENOL	1	1400	1400	390	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1400	1400	420	U	
120-83-2	2,4-DICHLOROPHENOL	1	1400	1400	430	U	
91-20-3	NAPHTHALENE	1	1400	1400	240	U	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1400	1400	380	U	
91-57-6	2-METHYLNAPHTHALENE	1	460	1400	240	J	
88-06-2	2,4,6-TRICHLOROPHENOL	1	1400	1400	430	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1400	1400	430	U	
91-58-7	2-CHLORONAPHTHALENE	1	1400	1400	220	U	
51-28-5	2,4-DINITROPHENOL	1	2800	2800	1800	U	
100-02-7	4-NITROPHENOL	1	2800	2800	270	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2800	2800	270	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1400	1400	430	U	
87-86-5	PENTACHLOROPHENOL	1	2800	2800	340	U	
50-32-8	BENZO(A)PYRENE	1	110	1400	52	J	
90-12-0	1-METHYLNAPHTHALENE	1	260	1400	210	J	

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
Lab ID: 0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25.04 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1558

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1760	*	10300	17	19 - 113
321-60-8	2-FLUOROBIPHENYL	3560		6890	52	30 - 105
367-12-4	2-FLUOROPHENOL	4970		10300	48	25 - 100
4165-60-0	NITROBENZENE-D5	4180		6890	61	31 - 106
4165-62-2	PHENOL-D5	7570		10300	73	24 - 104
1718-51-0	TERPHENYL-D14	7060		6890	102	18 - 112

Data Package ID: SV0703072-4

GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6RX1

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070315-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1579

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	720	1500	470	J	
95-57-8	2-CHLOROPHENOL	1	1500	1500	480	U	
95-48-7	2-METHYLPHENOL	1	1500	1500	470	U	
108-39-4	3+4-METHYLPHENOL	1	1500	1500	400	U	
88-75-5	2-NITROPHENOL	1	1500	1500	430	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1500	1500	470	U	
120-83-2	2,4-DICHLOROPHENOL	1	1500	1500	490	U	
91-20-3	NAPHTHALENE	1	610	1500	270	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1500	1500	420	U	
91-57-6	2-METHYLNAPHTHALENE	1	2900	1500	260		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1500	1500	480	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1500	1500	480	U	
91-58-7	2-CHLORONAPHTHALENE	1	1500	1500	250	U	
51-28-5	2,4-DINITROPHENOL	1	3100	3100	2100	U	
100-02-7	4-NITROPHENOL	1	3100	3100	310	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3100	3100	310	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1500	1500	480	U	
87-86-5	PENTACHLOROPHENOL	1	3100	3100	380	U	
50-32-8	BENZO(A)PYRENE	1	1500	1500	58	U	
90-12-0	1-METHYLNAPHTHALENE	1	1500	1500	240	J	

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6RX1

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070315-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 25 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1579

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1860	*	11600	16	19 - 113
321-60-8	2-FLUOROBIPHENYL	4100		7740	53	30 - 105
367-12-4	2-FLUOROPHENOL	3950		11600	34	25 - 100
4165-60-0	NITROBENZENE-D5	4890		7740	63	31 - 106
4165-62-2	PHENOL-D5	9040		11600	78	24 - 104
1718-51-0	TERPHENYL-D14	8310		7740	107	18 - 112

Data Package ID: SV0703072-4

GC/MS Semi-volatiles

Method SW8270D

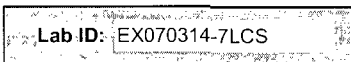
Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030



Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/14/2007

Date Analyzed: 03/18/2007

Prep Method: SW3520C

Prep Batch: EX070314-7

QC Batch ID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5516

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.0272	0.01		54	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0364	0.01		73	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.0755	0.01		75	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.147	0.01		74	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.0359	0.01		72	28 - 94%
98-95-3	NITROBENZENE	0.05	0.0377	0.01		75	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0372	0.01		74	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.084	0.01		84	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0819	0.01		82	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0344	0.01		69	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0427	0.01		85	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.0681	0.02		68	38 - 117%

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-7LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/14/2007

Date Analyzed: 03/18/2007

Prep Method: SW3520C

Prep Batch: EX070314-7

QCBatchID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5517

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.0317	0.01		63	50	15
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0379	0.01		76	50	4
95-48-7	2-METHYLPHENOL	0.1	0.078	0.01		78	50	3
108-39-4	3+4-METHYLPHENOL	0.2	0.156	0.01		78	50	6
67-72-1	HEXACHLOROETHANE	0.05	0.038	0.01		76	50	6
98-95-3	NITROBENZENE	0.05	0.0397	0.01		79	50	5
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0396	0.01		79	50	6
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0878	0.01		88	50	4
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0863	0.01		86	50	5
121-14-2	2,4-DINITROTOLUENE	0.05	0.0353	0.01		71	50	2
118-74-1	HEXACHLOROBENZENE	0.05	0.0463	0.01		93	50	8
87-86-5	PENTACHLOROPHENOL	0.1	0.0695	0.02		70	50	2

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	79		87		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	81		87		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	77		78		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	82		86		34 - 111
4165-62-2	PHENOL-D5	0.075	77		81		15 - 104
1718-51-0	TERPHENYL-D14	0.05	89		108		33 - 111

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
LabID: 0703072-19MS

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 18-Mar-07

Prep Batch: EX070314-7

QCBatchID: EX070314-7-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: P5520

LEACH DATE: 3/13/2007

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	0.301		0.1	0.5	60	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.383		0.1	0.5	77	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.811		0.1	1	81	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.59		0.1	2	79	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.395		0.1	0.5	79	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.396		0.1	0.5	79	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.395		0.1	0.5	79	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.915		0.1	1	91	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.919		0.1	1	92	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.365		0.1	0.5	73	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.436		0.1	0.5	87	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.801		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	0.679		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.431		0.5	86	21 - 106
367-12-4	2-FLUOROPHENOL	0.599		0.75	80	21 - 100
4165-60-0	NITROBENZENE-D5	0.43		0.5	86	34 - 111
4165-62-2	PHENOL-D5	0.624		0.75	83	15 - 104
1718-51-0	TERPHENYL-D14	0.517		0.5	103	33 - 111

Data Package ID: SV0703072-1

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070315-6LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/15/2007

Date Analyzed: 03/18/2007

Prep Method: SW3520C

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5524

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.0195	0.01		39	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0288	0.01		58	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.0592	0.01		59	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.116	0.01		58	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.0289	0.01		58	28 - 94%
98-95-3	NITROBENZENE	0.05	0.03	0.01		60	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0299	0.01		60	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0683	0.01		68	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0669	0.01		67	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0289	0.01		58	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0367	0.01		73	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.055	0.02		55	38 - 117%

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070315-6LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/15/2007

Date Analyzed: 03/18/2007

Prep Method: SW3520C

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5525

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.0283	0.01		57	50	36
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0327	0.01		65	50	13
95-48-7	2-METHYLPHENOL	0.1	0.0673	0.01		67	50	13
108-39-4	3+4-METHYLPHENOL	0.2	0.132	0.01		66	50	13
67-72-1	HEXACHLOROETHANE	0.05	0.033	0.01		66	50	13
98-95-3	NITROBENZENE	0.05	0.0338	0.01		68	50	12
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0334	0.01		67	50	11
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0745	0.01		75	50	9
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0727	0.01		73	50	8
121-14-2	2,4-DINITROTOLUENE	0.05	0.0301	0.01		60	50	4
118-74-1	HEXACHLOROBENZENE	0.05	0.0413	0.01		83	50	12
87-86-5	PENTACHLOROPHENOL	0.1	0.0599	0.02		60	50	9

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	67		72		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	66		72		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	59		68		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	64		73		34 - 111
4165-62-2	PHENOL-D5	0.075	61		69		15 - 104
1718-51-0	TERPHENYL-D14	0.05	82		89		33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

LabID: 0703072-16MS

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 18-Mar-07

Prep Batch: EX070315-6

QCBatchID: EX070315-6-1

Run ID: SV070318-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: P5529

LEACH DATE: 3/14/2007

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	0.257		0.1	0.5	51	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.321		0.1	0.5	64	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.648		0.1	1	65	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.28		0.1	2	64	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.321		0.1	0.5	64	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.325		0.1	0.5	65	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.325		0.1	0.5	65	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.732		0.1	1	73	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.753		0.1	1	75	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.315		0.1	0.5	63	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.377		0.1	0.5	75	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.657		0.2	1	66	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.56		0.75	75	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.343		0.5	69	21 - 106
367-12-4	2-FLUOROPHENOL	0.484		0.75	65	21 - 100
4165-60-0	NITROBENZENE-D5	0.35		0.5	70	34 - 111
4165-62-2	PHENOL-D5	0.502		0.75	67	15 - 104
1718-51-0	TERPHENYL-D14	0.383		0.5	77	33 - 111

Data Package ID: SV0703072-2

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070309-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/12/2007

Prep Method: SW3540C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1532

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
108-95-2	PHENOL	2500	2100	333		84	39 - 160%
95-57-8	2-CHLOROPHENOL	2500	2000	333		80	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	2090	333		83	46 - 113%
100-02-7	4-NITROPHENOL	2500	1500	667		60	17 - 138%
87-86-5	PENTACHLOROPHENOL	2500	1710	667		69	25 - 119%

Lab ID: EX070309-2LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/12/2007

Prep Method: SW3540C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1533

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
108-95-2	PHENOL	2500	1970	333		79	44	6
95-57-8	2-CHLOROPHENOL	2500	1900	333		76	41	5
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	2000	333		80	38	4
100-02-7	4-NITROPHENOL	2500	1390	667		55	67	8
87-86-5	PENTACHLOROPHENOL	2500	1640	667		66	54	4

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

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Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

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	66		64		19 - 113
321-60-8	2-FLUOROBIPHENYL	1670	76		76		30 - 105
367-12-4	2-FLUOROPHENOL	2500	75		71		25 - 100
4165-60-0	NITROBENZENE-D5	1670	68		66		31 - 106
4165-62-2	PHENOL-D5	2500	80		76		24 - 104
1718-51-0	TERPHENYL-D14	1670	77		80		18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
LabID: 0703072-6MS

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.2 g

Final Volume: 1 ml

Result Units: UG/KG

File Name: N1544

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
108-95-2	PHENOL	3700	U	24600		3790	28500	87	39 - 160%
95-57-8	2-CHLOROPHENOL	3700	U	22900		3790	28500	81	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	3700	U	25900		3790	28500	91	46 - 113%
100-02-7	4-NITROPHENOL	7500	U	2480	J*	7590	28500	9	17 - 138%
87-86-5	PENTACHLOROPHENOL	7500	U	10700		7590	28500	37	25 - 119%

Field ID: CC4B-030707-06
LabID: 0703072-6MSD

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-2

QCBatchID: EX070309-2-1

Run ID: SV070312-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.25 g

Final Volume: 1 ml

Result Units: UG/KG

File Name: N1545

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
108-95-2	PHENOL	23700		28300	84	3770	44	4
95-57-8	2-CHLOROPHENOL	21900		28300	77	3770	41	4
59-50-7	4-CHLORO-3-METHYLPHENOL	26000		28300	92	3770	38	0
100-02-7	4-NITROPHENOL	1930	J*	28300	7	7550	67	25
87-86-5	PENTACHLOROPHENOL	13000		28300	46	7550	54	20

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

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	28500	60		57		19 - 113
321-60-8	2-FLUOROBIPHENYL	19000	70		70		30 - 105
367-12-4	2-FLUOROPHENOL	28500	69		63		25 - 100
4165-60-0	NITROBENZENE-D5	19000	66		66		31 - 106
4165-62-2	PHENOL-D5	28500	81		77		24 - 104
1718-51-0	TERPHENYL-D14	19000	123	*	147	*	18 - 112

Data Package ID: SV0703072-3

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-4LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/13/2007

Date Analyzed: 03/14/2007

Prep Method: SW3540C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1552

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
108-95-2	PHENOL	2500	2160	333		86	39 - 160%
95-57-8	2-CHLOROPHENOL	2500	2080	333		83	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	2250	333		90	46 - 113%
100-02-7	4-NITROPHENOL	2500	1550	667		62	17 - 138%
87-86-5	PENTACHLOROPHENOL	2500	1710	667		68	25 - 119%

Lab ID: EX070313-4LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/13/2007

Date Analyzed: 03/14/2007

Prep Method: SW3540C

Prep Batch: EX070313-4

QCBatchID: EX070313-4-1

Run ID: SV070314-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1553

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
108-95-2	PHENOL	2500	2170	333		87	44	1
95-57-8	2-CHLOROPHENOL	2500	2100	333		84	41	1
59-50-7	4-CHLORO-3-METHYLPHENOL	2500	2310	333		92	38	2
100-02-7	4-NITROPHENOL	2500	1700	667		68	67	9
87-86-5	PENTACHLOROPHENOL	2500	1680	667		67	54	1

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

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	71		72		19 - 113
321-60-8	2-FLUOROBIPHENYL	1670	75		77		30 - 105
367-12-4	2-FLUOROPHENOL	2500	76		79		25 - 100
4165-60-0	NITROBENZENE-D5	1670	69		73		31 - 106
4165-62-2	PHENOL-D5	2500	83		85		24 - 104
1718-51-0	TERPHENYL-D14	1670	81		87		18 - 112

Data Package ID: SV0703072-4

Date Printed: Wednesday, March 21, 2007

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Paragon Analytics

GC/MS Volatiles Case Narrative

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

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 03/09/2007. 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. The sludge samples 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. A few sludge samples were also 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 and 1, 2-dibromo-3-chloropropane on 2/22/2007, acrolein and trans-1, 4-dichloro-2-butene on 03/12/2007 and acrolein on 03/15/2007. Acrolein and trans-1, 4-dichloro-2-butene 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 VL070315-4MB had methylene chloride detected below the reporting limit. This compound was not detected in the associated samples.

The method blank VL070315-4MMB 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.
9. Matrix QC was performed for the water analysis. Since a sample from this client was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

Sample 0703072-25 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 0703072-7 was designated as the quality control sample for the sludge 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 with the following exceptions:

Spiked Compound	QC Sample	Direction
Trichloroethene	0703072-7MS/MSD	High
Chlorobenzene	0703072-7MS	Low

The recoveries of trichloroethene and chlorobenzene in the laboratory control spike and laboratory control spike duplicate were within control limits, which suggests the outliers 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 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
Dibromofluoromethane	0703072-4, 5, 6, 10, 11 & 12	Low
Toluene-d8	0703072-6RR1	High

The samples were re-analyzed to evaluate whether the original outlier was due to matrix effects or laboratory performance. The re-analysis also had surrogates outside the control limits, which suggests the presence of matrix effects.

Sample 6 was further analyzed at a 50X dilution and in the reanalysis toluene-d8 was outside of the acceptance criteria.

12. All internal standard recoveries were within acceptance criteria.
13. Due to the concentration of target analytes, samples 6RR1, 7, 7RR1, 8, 8RR1, 9, 9RR1 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.

15. Some of the samples in this workorder exhibited inconsistencies in quantitated values from one dilution to the next. A review of the analytical and decision-making process yielded no laboratory errors. Possible causes for these inconsistencies include sample homogeneity issues, or effects of purging efficiency specific to this sample matrix.

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.

Tyler Knaebel
Tyler Knaebel
GC/MS Analyst

03/22/07
Date

Jma
Reviewer's Initials

3/22/07
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: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070309-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 09-Mar-07

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43971

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: VL0703072-1

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070309-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 09-Mar-07

Prep Batch: VL070309-2

QC Batch ID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43971

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: VL0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070309-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 09-Mar-07

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43971

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	42.2		50	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	47.8		50	96	79 - 120
2037-26-5	TOLUENE-D8	43.9		50	88	83 - 120

Data Package ID: VL0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-05
Lab ID: 0703072-13

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 08-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 09-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070309-2
QCBatchID: VL070309-2-1
Run ID: VL070309-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B43977

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: VL0703072-1

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-05

Lab ID: 0703072-13

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 09-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43977

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: VL0703072-1

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-05
Lab ID:	0703072-13

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 09-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43977

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	41.3		50	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	46.6		50	93	79 - 120
2037-26-5	TOLUENE-D8	42.2		50	84	83 - 120

Data Package ID: VL0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070316-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44132

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	0.0473		0.05	95	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.0479		0.05	96	79 - 120
2037-26-5	TOLUENE-D8	0.0521		0.05	104	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--Leachate

Method Blank

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070312-3MB

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 16-Mar-07
 Date Analyzed: 16-Mar-07

Prep Batch: VL070316-2
 QCBatchID: VL070316-2-1
 Run ID: VL070316-2A
 Cleanup: NONE
 Basis: N/A

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B44134

LEACH DATE: 3/12/2007

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	0.247		0.25	99	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.24		0.25	96	79 - 120
2037-26-5	TOLUENE-D8	0.257		0.25	103	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01

Lab ID: 0703072-14

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44136

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	0.251		0.25	100	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.25		0.25	100	79 - 120
2037-26-5	TOLUENE-D8	0.262		0.25	105	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-15

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44137

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	0.245		0.25	98	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.253		0.25	101	79 - 120
2037-26-5	TOLUENE-D8	0.248		0.25	99	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
 Lab ID: 0703072-16

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 07-Mar-07
 Date Extracted: 16-Mar-07
 Date Analyzed: 16-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
 QCBatchID: VL070316-2-1
 Run ID: VL070316-2A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B44138

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	0.242		0.25	97	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.249		0.25	100	79 - 120
2037-26-5	TOLUENE-D8	0.258		0.25	103	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-04
Lab ID:	0703072-17

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44139

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	0.24		0.25	96	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.247		0.25	99	79 - 120
2037-26-5	TOLUENE-D8	0.247		0.25	99	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-18

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44140

LEACH DATE: 3/12/2007

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	0.025	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	0.238		0.25	95	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.244		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.249		0.25	100	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-19

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QC Batch ID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44141

LEACH DATE: 3/12/2007

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	0.025	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	0.24		0.25	96	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.239		0.25	96	79 - 120
2037-26-5	TOLUENE-D8	0.252		0.25	101	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-07
Lab ID:	0703072-20

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
QCBatchID: VL070316-2-1
Run ID: VL070316-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44142

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	0.245		0.25	98	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.245		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.249		0.25	100	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-08
Lab ID:	0703072-21

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44143

LEACH DATE: 3/12/2007

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	0.025	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	0.241		0.25	96	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.243		0.25	97	79 - 120
2037-26-5	TOLUENE-D8	0.246		0.25	98	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-22

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070316-2

QCBatchID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44144

LEACH DATE: 3/12/2007

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	0.025	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	0.243		0.25	97	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.239		0.25	96	79 - 120
2037-26-5	TOLUENE-D8	0.252		0.25	101	83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
 Lab ID: 0703072-23

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 08-Mar-07
 Date Extracted: 16-Mar-07
 Date Analyzed: 16-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
 QCBatchID: VL070316-2-1
 Run ID: VL070316-2A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B44145

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	0.241		0.25	96	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.242		0.25	97	79 - 120
2037-26-5	TOLUENE-D8	0.25		0.25	100	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03
 Lab ID: 0703072-24

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 08-Mar-07
 Date Extracted: 16-Mar-07
 Date Analyzed: 16-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
 QCBatchID: VL070316-2-1
 Run ID: VL070316-2A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B44146

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	0.231		0.25	92	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.235		0.25	94	79 - 120
2037-26-5	TOLUENE-D8	0.251		0.25	100	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
 Lab ID: 0703072-25

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 08-Mar-07
 Date Extracted: 16-Mar-07
 Date Analyzed: 16-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
 QCBatchID: VL070316-2-1
 Run ID: VL070316-2A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B44147

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	0.234		0.25	94	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.246		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.254		0.25	102	83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070313-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18730

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: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070313-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18730

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: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070313-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18730

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	49.3		49.4	100	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	53		49.4	107	61 - 134
2037-26-5	TOLUENE-D8	53.9		49.4	109	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
Lab ID: 0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18731

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	11	11	3.8	U	
74-87-3	CHLOROMETHANE	1	11	11	3.8	U	
75-01-4	VINYL CHLORIDE	1	11	11	3.8	U	
74-83-9	BROMOMETHANE	1	11	11	3.8	U	
75-00-3	CHLOROETHANE	1	11	11	3.8	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	11	11	3.8	U	
75-35-4	1,1-DICHLOROETHENE	1	11	11	3.8	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	11	11	3.8	U	
67-64-1	ACETONE	1	160	46	15		
74-88-4	IODOMETHANE	1	11	11	3.8	U	
75-15-0	CARBON DISULFIDE	1	11	11	3.8	U	
75-09-2	METHYLENE CHLORIDE	1	7.3	11	3.8	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	11	11	3.8	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	11	11	3.8	U	
75-34-3	1,1-DICHLOROETHANE	1	11	11	3.8	U	
108-05-4	VINYL ACETATE	1	46	46	7.7	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	11	11	3.8	U	
78-93-3	2-BUTANONE	1	46	46	15	U	
74-97-5	BROMOCHLOROMETHANE	1	11	11	3.8	U	
67-66-3	CHLOROFORM	1	11	11	3.8	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	11	11	3.8	U	
594-20-7	2,2-DICHLOROPROPANE	1	11	11	3.8	U	
56-23-5	CARBON TETRACHLORIDE	1	11	11	3.8	U	
563-58-6	1,1-DICHLOROPROPENE	1	11	11	3.8	U	
107-06-2	1,2-DICHLOROETHANE	1	11	11	3.8	U	
71-43-2	BENZENE	1	8.7	11	3.8	J	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01

Lab ID: 0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18731

79-01-6	TRICHLOROETHENE	1	11	11	3.8	U	
78-87-5	1,2-DICHLOROPROPANE	1	11	11	3.8	U	
74-95-3	DIBROMOMETHANE	1	11	11	3.8	U	
75-27-4	BROMODICHLOROMETHANE	1	11	11	3.8	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	11	11	3.8	U	
108-10-1	4-METHYL-2-PENTANONE	1	46	46	15	U	
108-88-3	TOLUENE	1	11	11	3.8	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	11	11	3.8	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	11	11	3.8	U	
591-78-6	2-HEXANONE	1	46	46	15	U	
127-18-4	TETRACHLOROETHENE	1	11	11	3.8	U	
142-28-9	1,3-DICHLOROPROPANE	1	11	11	3.8	U	
124-48-1	DIBROMOCHLOROMETHANE	1	11	11	3.8	U	
106-93-4	1,2-DIBROMOETHANE	1	11	11	3.8	U	
544-10-5	1-CHLOROHEXANE	1	11	11	3.8	U	
108-90-7	CHLOROBENZENE	1	11	11	3.8	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	11	11	3.8	U	
100-41-4	ETHYLBENZENE	1	11	11	3.8	U	
136777-61-2	M+P-XYLENE	1	11	11	3.8	U	
95-47-6	O-XYLENE	1	11	11	3.8	U	
100-42-5	STYRENE	1	11	11	3.8	U	
75-25-2	BROMOFORM	1	11	11	3.8	U	
98-82-8	ISOPROPYLBENZENE	1	11	11	3.8	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	11	11	3.8	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	11	11	3.8	U	
108-86-1	BROMOBENZENE	1	11	11	3.8	U	
103-65-1	N-PROPYLBENZENE	1	11	11	3.8	U	
95-49-8	2-CHLOROTOLUENE	1	11	11	3.8	U	

Data Package ID: VL0703072-3

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01

Lab ID: 0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18731

108-67-8	1,3,5-TRIMETHYLBENZENE	1	11	11	3.8	U	
106-43-4	4-CHLOROTOLUENE	1	11	11	3.8	U	
98-06-6	TERT-BUTYLBENZENE	1	11	11	3.8	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	11	11	3.8	U	
135-98-8	SEC-BUTYLBENZENE	1	11	11	3.8	U	
541-73-1	1,3-DICHLOROBENZENE	1	11	11	3.8	U	
99-87-6	P-ISOPROPYLTOLUENE	1	11	11	3.8	U	
106-46-7	1,4-DICHLOROBENZENE	1	11	11	3.8	U	
104-51-8	N-BUTYLBENZENE	1	11	11	3.8	U	
95-50-1	1,2-DICHLOROBENZENE	1	11	11	3.8	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	23	23	7.7	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	11	11	3.8	U	
87-68-3	HEXACHLOROBUTADIENE	1	11	11	3.8	U	
91-20-3	NAPHTHALENE	1	11	11	3.8	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	11	11	3.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	116		114	102	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	69.2		114	61	61 - 134
2037-26-5	TOLUENE-D8	121		114	107	57 - 135

Data Package ID: VL0703072-3

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18732

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	6.7	6.7	2.2	U	
74-87-3	CHLOROMETHANE	1	6.7	6.7	2.2	U	
75-01-4	VINYL CHLORIDE	1	6.7	6.7	2.2	U	
74-83-9	BROMOMETHANE	1	6.7	6.7	2.2	U	
75-00-3	CHLOROETHANE	1	6.7	6.7	2.2	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	6.7	6.7	2.2	U	
75-35-4	1,1-DICHLOROETHENE	1	6.7	6.7	2.2	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	6.7	6.7	2.2	U	
67-64-1	ACETONE	1	15	27	9	J	
74-88-4	IODOMETHANE	1	6.7	6.7	2.2	U	
75-15-0	CARBON DISULFIDE	1	6.7	6.7	2.2	U	
75-09-2	METHYLENE CHLORIDE	1	3.7	6.7	2.2	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	6.7	6.7	2.2	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	6.7	6.7	2.2	U	
75-34-3	1,1-DICHLOROETHANE	1	6.7	6.7	2.2	U	
108-05-4	VINYL ACETATE	1	27	27	4.5	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	6.7	6.7	2.2	U	
78-93-3	2-BUTANONE	1	27	27	9	U	
74-97-5	BROMOCHLOROMETHANE	1	6.7	6.7	2.2	U	
67-66-3	CHLOROFORM	1	6.7	6.7	2.2	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	6.7	6.7	2.2	U	
594-20-7	2,2-DICHLOROPROPANE	1	6.7	6.7	2.2	U	
56-23-5	CARBON TETRACHLORIDE	1	6.7	6.7	2.2	U	
563-58-6	1,1-DICHLOROPROPENE	1	6.7	6.7	2.2	U	
107-06-2	1,2-DICHLOROETHANE	1	6.7	6.7	2.2	U	
71-43-2	BENZENE	1	6.7	6.7	2.2	U	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18732

79-01-6	TRICHLOROETHENE	1	6.7	6.7	2.2	U	
78-87-5	1,2-DICHLOROPROPANE	1	6.7	6.7	2.2	U	
74-95-3	DIBROMOMETHANE	1	6.7	6.7	2.2	U	
75-27-4	BROMODICHLOROMETHANE	1	6.7	6.7	2.2	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	6.7	6.7	2.2	U	
108-10-1	4-METHYL-2-PENTANONE	1	27	27	9	U	
108-88-3	TOLUENE	1	6.7	6.7	2.2	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	6.7	6.7	2.2	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	6.7	6.7	2.2	U	
591-78-6	2-HEXANONE	1	27	27	9	U	
127-18-4	TETRACHLOROETHENE	1	6.7	6.7	2.2	U	
142-28-9	1,3-DICHLOROPROPANE	1	6.7	6.7	2.2	U	
124-48-1	DIBROMOCHLOROMETHANE	1	6.7	6.7	2.2	U	
106-93-4	1,2-DIBROMOETHANE	1	6.7	6.7	2.2	U	
544-10-5	1-CHLOROHEXANE	1	6.7	6.7	2.2	U	
108-90-7	CHLOROBENZENE	1	6.7	6.7	2.2	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	6.7	6.7	2.2	U	
100-41-4	ETHYLBENZENE	1	6.7	6.7	2.2	U	
136777-61-2	M+P-XYLENE	1	6.7	6.7	2.2	U	
95-47-6	O-XYLENE	1	6.7	6.7	2.2	U	
100-42-5	STYRENE	1	6.7	6.7	2.2	U	
75-25-2	BROMOFORM	1	6.7	6.7	2.2	U	
98-82-8	ISOPROPYLBENZENE	1	6.7	6.7	2.2	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	6.7	6.7	2.2	U	
79-34-5	1,1,1,2-TETRACHLOROETHANE	1	6.7	6.7	2.2	U	
108-86-1	BROMOBENZENE	1	6.7	6.7	2.2	U	
103-65-1	N-PROPYLBENZENE	1	6.7	6.7	2.2	U	
95-49-8	2-CHLOROTOLUENE	1	6.7	6.7	2.2	U	

Data Package ID: VL0703072-3

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-02
Lab ID:	0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18732

108-67-8	1,3,5-TRIMETHYLBENZENE	1	6.7	6.7	2.2	U	
106-43-4	4-CHLOROTOLUENE	1	6.7	6.7	2.2	U	
98-06-6	TERT-BUTYLBENZENE	1	6.7	6.7	2.2	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	6.7	6.7	2.2	U	
135-98-8	SEC-BUTYLBENZENE	1	6.7	6.7	2.2	U	
541-73-1	1,3-DICHLOROBENZENE	1	6.7	6.7	2.2	U	
99-87-6	P-ISOPROPYLTOLUENE	1	6.7	6.7	2.2	U	
106-46-7	1,4-DICHLOROBENZENE	1	6.7	6.7	2.2	U	
104-51-8	N-BUTYLBENZENE	1	6.7	6.7	2.2	U	
95-50-1	1,2-DICHLOROBENZENE	1	6.7	6.7	2.2	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	13	13	4.5	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	6.7	6.7	2.2	U	
87-68-3	HEXACHLOROBUTADIENE	1	6.7	6.7	2.2	U	
91-20-3	NAPHTHALENE	1	6.7	6.7	2.2	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	6.7	6.7	2.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	67.6		66.6	101	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	69		66.6	104	61 - 134
2037-26-5	TOLUENE-D8	72.5		66.6	109	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

Lab ID: 0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18733

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	15	15	5.1	U	
74-87-3	CHLOROMETHANE	1	15	15	5.1	U	
75-01-4	VINYL CHLORIDE	1	15	15	5.1	U	
74-83-9	BROMOMETHANE	1	15	15	5.1	U	
75-00-3	CHLOROETHANE	1	15	15	5.1	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	15	15	5.1	U	
75-35-4	1,1-DICHLOROETHENE	1	15	15	5.1	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	15	15	5.1	U	
67-64-1	ACETONE	1	350	61	20		
74-88-4	IODOMETHANE	1	15	15	5.1	U	
75-15-0	CARBON DISULFIDE	1	15	15	5.1	U	
75-09-2	METHYLENE CHLORIDE	1	8.6	15	5.1	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	15	15	5.1	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	15	15	5.1	U	
75-34-3	1,1-DICHLOROETHANE	1	15	15	5.1	U	
108-05-4	VINYL ACETATE	1	61	61	10	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	15	15	5.1	U	
78-93-3	2-BUTANONE	1	61	61	20	U	
74-97-5	BROMOCHLOROMETHANE	1	15	15	5.1	U	
67-66-3	CHLOROFORM	1	15	15	5.1	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	15	15	5.1	U	
594-20-7	2,2-DICHLOROPROPANE	1	15	15	5.1	U	
56-23-5	CARBON TETRACHLORIDE	1	15	15	5.1	U	
563-58-6	1,1-DICHLOROPROPENE	1	15	15	5.1	U	
107-06-2	1,2-DICHLOROETHANE	1	15	15	5.1	U	
71-43-2	BENZENE	1	41	15	5.1		

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-03
Lab ID:	0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18733

79-01-6	TRICHLOROETHENE	1	15	15	5.1	U	
78-87-5	1,2-DICHLOROPROPANE	1	15	15	5.1	U	
74-95-3	DIBROMOMETHANE	1	15	15	5.1	U	
75-27-4	BROMODICHLOROMETHANE	1	15	15	5.1	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	15	15	5.1	U	
108-10-1	4-METHYL-2-PENTANONE	1	61	61	20	U	
108-88-3	TOLUENE	1	28	15	5.1		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	15	15	5.1	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	15	15	5.1	U	
591-78-6	2-HEXANONE	1	61	61	20	U	
127-18-4	TETRACHLOROETHENE	1	15	15	5.1	U	
142-28-9	1,3-DICHLOROPROPANE	1	15	15	5.1	U	
124-48-1	DIBROMOCHLOROMETHANE	1	15	15	5.1	U	
106-93-4	1,2-DIBROMOETHANE	1	15	15	5.1	U	
544-10-5	1-CHLOROHEXANE	1	15	15	5.1	U	
108-90-7	CHLOROBENZENE	1	15	15	5.1	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	15	15	5.1	U	
100-41-4	ETHYLBENZENE	1	15	15	5.1	U	
136777-61-2	M+P-XYLENE	1	13	15	5.1	J	
95-47-6	O-XYLENE	1	15	15	5.1	U	
100-42-5	STYRENE	1	15	15	5.1	U	
75-25-2	BROMOFORM	1	15	15	5.1	U	
98-82-8	ISOPROPYLBENZENE	1	15	15	5.1	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	15	15	5.1	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	15	15	5.1	U	
108-86-1	BROMOBENZENE	1	15	15	5.1	U	
103-65-1	N-PROPYLBENZENE	1	15	15	5.1	U	
95-49-8	2-CHLOROTOLUENE	1	15	15	5.1	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03	Sample Matrix: SLUDGE	Prep Batch: VL070313-4	Sample Aliquot: 5g
Lab ID: 0703072-3	% Moisture: 67.4	QCBatchID: VL070313-4-1	Final Volume: 5 ml
	Date Collected: 07-Mar-07	Run ID: VL070313-4A	Result Units: ug/kg
	Date Extracted: 13-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 13-Mar-07	Basis: Dry Weight	File Name: D18733
	Prep Method: SW5035 Rev A M		

108-67-8	1,3,5-TRIMETHYLBENZENE	1	15	15	5.1	U	
106-43-4	4-CHLOROTOLUENE	1	15	15	5.1	U	
98-06-6	TERT-BUTYLBENZENE	1	15	15	5.1	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	15	15	5.1	U	
135-98-8	SEC-BUTYLBENZENE	1	15	15	5.1	U	
541-73-1	1,3-DICHLOROBENZENE	1	15	15	5.1	U	
99-87-6	P-ISOPROPYLTOLUENE	1	15	15	5.1	U	
106-46-7	1,4-DICHLOROBENZENE	1	15	15	5.1	U	
104-51-8	N-BUTYLBENZENE	1	15	15	5.1	U	
95-50-1	1,2-DICHLOROBENZENE	1	15	15	5.1	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	31	31	10	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	15	15	5.1	U	
87-68-3	HEXACHLOROBUTADIENE	1	15	15	5.1	U	
91-20-3	NAPHTHALENE	1	6.6	15	5.1	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1	15	15	5.1	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	183		152	120	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	136		152	90	61 - 134
2037-26-5	TOLUENE-D8	159		152	105	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
Lab ID: 0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18734

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	16	16	5.3	U	
74-87-3	CHLOROMETHANE	1	16	16	5.3	U	
75-01-4	VINYL CHLORIDE	1	16	16	5.3	U	
74-83-9	BROMOMETHANE	1	16	16	5.3	U	
75-00-3	CHLOROETHANE	1	16	16	5.3	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	16	16	5.3	U	
75-35-4	1,1-DICHLOROETHENE	1	16	16	5.3	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	16	16	5.3	U	
67-64-1	ACETONE	1	570	64	21		
74-88-4	IODOMETHANE	1	16	16	5.3	U	
75-15-0	CARBON DISULFIDE	1	16	16	5.3	U	
75-09-2	METHYLENE CHLORIDE	1	9	16	5.3	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	16	16	5.3	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	16	16	5.3	U	
75-34-3	1,1-DICHLOROETHANE	1	16	16	5.3	U	
108-05-4	VINYL ACETATE	1	64	64	11	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	16	16	5.3	U	
78-93-3	2-BUTANONE	1	40	64	21	J	
74-97-5	BROMOCHLOROMETHANE	1	16	16	5.3	U	
67-66-3	CHLOROFORM	1	16	16	5.3	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	16	16	5.3	U	
594-20-7	2,2-DICHLOROPROPANE	1	16	16	5.3	U	
56-23-5	CARBON TETRACHLORIDE	1	16	16	5.3	U	
563-58-6	1,1-DICHLOROPROPENE	1	16	16	5.3	U	
107-06-2	1,2-DICHLOROETHANE	1	16	16	5.3	U	
71-43-2	BENZENE	1	10	16	5.3	J	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
Lab ID: 0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18734

79-01-6	TRICHLOROETHENE	1	16	16	5.3	U	
78-87-5	1,2-DICHLOROPROPANE	1	16	16	5.3	U	
74-95-3	DIBROMOMETHANE	1	16	16	5.3	U	
75-27-4	BROMODICHLOROMETHANE	1	16	16	5.3	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	16	16	5.3	U	
108-10-1	4-METHYL-2-PENTANONE	1	64	64	21	U	
108-88-3	TOLUENE	1	8.6	16	5.3	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	16	16	5.3	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	16	16	5.3	U	
591-78-6	2-HEXANONE	1	64	64	21	U	
127-18-4	TETRACHLOROETHENE	1	16	16	5.3	U	
142-28-9	1,3-DICHLOROPROPANE	1	16	16	5.3	U	
124-48-1	DIBROMOCHLOROMETHANE	1	16	16	5.3	U	
106-93-4	1,2-DIBROMOETHANE	1	16	16	5.3	U	
544-10-5	1-CHLOROHEXANE	1	16	16	5.3	U	
108-90-7	CHLOROBENZENE	1	16	16	5.3	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	16	16	5.3	U	
100-41-4	ETHYLBENZENE	1	16	16	5.3	U	
136777-61-2	M+P-XYLENE	1	6.2	16	5.3	J	
95-47-6	O-XYLENE	1	16	16	5.3	U	
100-42-5	STYRENE	1	16	16	5.3	U	
75-25-2	BROMOFORM	1	16	16	5.3	U	
98-82-8	ISOPROPYLBENZENE	1	16	16	5.3	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	16	16	5.3	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	16	16	5.3	U	
108-86-1	BROMOBENZENE	1	16	16	5.3	U	
103-65-1	N-PROPYLBENZENE	1	16	16	5.3	U	
95-49-8	2-CHLOROTOLUENE	1	16	16	5.3	U	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-04
Lab ID:	0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18734

108-67-8	1,3,5-TRIMETHYLBENZENE	1	16	16	5.3	U	
106-43-4	4-CHLOROTOLUENE	1	16	16	5.3	U	
98-06-6	TERT-BUTYLBENZENE	1	16	16	5.3	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	16	16	5.3	U	
135-98-8	SEC-BUTYLBENZENE	1	16	16	5.3	U	
541-73-1	1,3-DICHLOROBENZENE	1	16	16	5.3	U	
99-87-6	P-ISOPROPYLTOLUENE	1	16	16	5.3	U	
106-46-7	1,4-DICHLOROBENZENE	1	16	16	5.3	U	
104-51-8	N-BUTYLBENZENE	1	16	16	5.3	U	
95-50-1	1,2-DICHLOROBENZENE	1	16	16	5.3	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	32	32	11	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	16	16	5.3	U	
87-68-3	HEXACHLOROBUTADIENE	1	16	16	5.3	U	
91-20-3	NAPHTHALENE	1	16	16	5.3	U	
87-61-6	1,2,3-TRICHLOROBENZENE	1	16	16	5.3	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	174		158	110	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	52.7	*	158	33	61 - 134
2037-26-5	TOLUENE-D8	170		158	108	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18735

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	15	15	5	U	
74-87-3	CHLOROMETHANE	1	15	15	5	U	
75-01-4	VINYL CHLORIDE	1	15	15	5	U	
74-83-9	BROMOMETHANE	1	15	15	5	U	
75-00-3	CHLOROETHANE	1	15	15	5	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	15	15	5	U	
75-35-4	1,1-DICHLOROETHENE	1	15	15	5	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	15	15	5	U	
67-64-1	ACETONE	1	390	60	20		
74-88-4	IODOMETHANE	1	15	15	5	U	
75-15-0	CARBON DISULFIDE	1	27	15	5		
75-09-2	METHYLENE CHLORIDE	1	8.7	15	5	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	15	15	5	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	15	15	5	U	
75-34-3	1,1-DICHLOROETHANE	1	15	15	5	U	
108-05-4	VINYL ACETATE	1	60	60	10	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	15	15	5	U	
78-93-3	2-BUTANONE	1	21	60	20	J	
74-97-5	BROMOCHLOROMETHANE	1	15	15	5	U	
67-66-3	CHLOROFORM	1	15	15	5	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	15	15	5	U	
594-20-7	2,2-DICHLOROPROPANE	1	15	15	5	U	
56-23-5	CARBON TETRACHLORIDE	1	15	15	5	U	
563-58-6	1,1-DICHLOROPROPENE	1	15	15	5	U	
107-06-2	1,2-DICHLOROETHANE	1	15	15	5	U	
71-43-2	BENZENE	1	19	15	5		

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18735

79-01-6	TRICHLOROETHENE	1	15	15	5	U	
78-87-5	1,2-DICHLOROPROPANE	1	15	15	5	U	
74-95-3	DIBROMOMETHANE	1	15	15	5	U	
75-27-4	BROMODICHLOROMETHANE	1	15	15	5	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	15	15	5	U	
108-10-1	4-METHYL-2-PENTANONE	1	60	60	20	U	
108-88-3	TOLUENE	1	20	15	5		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	15	15	5	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	15	15	5	U	
591-78-6	2-HEXANONE	1	60	60	20	U	
127-18-4	TETRACHLOROETHENE	1	15	15	5	U	
142-28-9	1,3-DICHLOROPROPANE	1	15	15	5	U	
124-48-1	DIBROMOCHLOROMETHANE	1	15	15	5	U	
106-93-4	1,2-DIBROMOETHANE	1	15	15	5	U	
544-10-5	1-CHLOROHEXANE	1	15	15	5	U	
108-90-7	CHLOROBENZENE	1	15	15	5	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	15	15	5	U	
100-41-4	ETHYLBENZENE	1	15	15	5	U	
136777-61-2	M+P-XYLENE	1	18	15	5		
95-47-6	O-XYLENE	1	8.6	15	5	J	
100-42-5	STYRENE	1	15	15	5	U	
75-25-2	BROMOFORM	1	15	15	5	U	
98-82-8	ISOPROPYLBENZENE	1	15	15	5	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	15	15	5	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	15	15	5	U	
108-86-1	BROMOBENZENE	1	15	15	5	U	
103-65-1	N-PROPYLBENZENE	1	15	15	5	U	
95-49-8	2-CHLOROTOLUENE	1	15	15	5	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-05
Lab ID:	0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18735

108-67-8	1,3,5-TRIMETHYLBENZENE	1	5.5	15	5	J	
106-43-4	4-CHLOROTOLUENE	1	15	15	5	U	
98-06-6	TERT-BUTYLBENZENE	1	15	15	5	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	13	15	5	J	
135-98-8	SEC-BUTYLBENZENE	1	5.9	15	5	J	
541-73-1	1,3-DICHLOROBENZENE	1	15	15	5	U	
99-87-6	P-ISOPROPYLTOLUENE	1	5.1	15	5	J	
106-46-7	1,4-DICHLOROBENZENE	1	15	15	5	U	
104-51-8	N-BUTYLBENZENE	1	6.3	15	5	J	
95-50-1	1,2-DICHLOROBENZENE	1	15	15	5	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	30	30	10	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	15	15	5	U	
87-68-3	HEXACHLOROBUTADIENE	1	15	15	5	U	
91-20-3	NAPHTHALENE	1	8.6	15	5	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1	15	15	5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	158		148	106	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	64.7	*	148	44	61 - 134
2037-26-5	TOLUENE-D8	160		148	108	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18736

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	19	19	6.4	U	
74-87-3	CHLOROMETHANE	1	19	19	6.4	U	
75-01-4	VINYL CHLORIDE	1	19	19	6.4	U	
74-83-9	BROMOMETHANE	1	19	19	6.4	U	
75-00-3	CHLOROETHANE	1	19	19	6.4	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	19	19	6.4	U	
75-35-4	1,1-DICHLOROETHENE	1	19	19	6.4	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	19	19	6.4	U	
67-64-1	ACETONE	1	590	77	26		
74-88-4	IODOMETHANE	1	19	19	6.4	U	
75-15-0	CARBON DISULFIDE	1	25	19	6.4		
75-09-2	METHYLENE CHLORIDE	1	11	19	6.4	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	19	19	6.4	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	19	19	6.4	U	
75-34-3	1,1-DICHLOROETHANE	1	19	19	6.4	U	
108-05-4	VINYL ACETATE	1	77	77	13	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	19	19	6.4	U	
78-93-3	2-BUTANONE	1	43	77	26	J	
74-97-5	BROMOCHLOROMETHANE	1	19	19	6.4	U	
67-66-3	CHLOROFORM	1	19	19	6.4	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	19	19	6.4	U	
594-20-7	2,2-DICHLOROPROPANE	1	19	19	6.4	U	
56-23-5	CARBON TETRACHLORIDE	1	19	19	6.4	U	
563-58-6	1,1-DICHLOROPROPENE	1	19	19	6.4	U	
107-06-2	1,2-DICHLOROETHANE	1	19	19	6.4	U	
71-43-2	BENZENE	1	23	19	6.4		

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18736

79-01-6	TRICHLOROETHENE	1	19	19	6.4	U	
78-87-5	1,2-DICHLOROPROPANE	1	19	19	6.4	U	
74-95-3	DIBROMOMETHANE	1	19	19	6.4	U	
75-27-4	BROMODICHLOROMETHANE	1	19	19	6.4	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	19	19	6.4	U	
108-10-1	4-METHYL-2-PENTANONE	1	37	77	26	J	
108-88-3	TOLUENE	1	44	19	6.4		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	19	19	6.4	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	19	19	6.4	U	
591-78-6	2-HEXANONE	1	77	77	26	U	
127-18-4	TETRACHLOROETHENE	1	19	19	6.4	U	
142-28-9	1,3-DICHLOROPROPANE	1	19	19	6.4	U	
124-48-1	DIBROMOCHLOROMETHANE	1	19	19	6.4	U	
106-93-4	1,2-DIBROMOETHANE	1	19	19	6.4	U	
544-10-5	1-CHLOROHEXANE	1	19	19	6.4	U	
108-90-7	CHLOROBENZENE	1	19	19	6.4	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	19	19	6.4	U	
100-41-4	ETHYLBENZENE	1	120	19	6.4		
136777-61-2	M+P-XYLENE	1	180	19	6.4		
95-47-6	O-XYLENE	1	86	19	6.4		
100-42-5	STYRENE	1	19	19	6.4	U	
75-25-2	BROMOFORM	1	19	19	6.4	U	
98-82-8	ISOPROPYLBENZENE	1	69	19	6.4		
96-18-4	1,2,3-TRICHLOROPROPANE	1	19	19	6.4	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	19	19	6.4	U	
108-86-1	BROMOBENZENE	1	19	19	6.4	U	
103-65-1	N-PROPYLBENZENE	1	250	19	6.4		
95-49-8	2-CHLOROTOLUENE	1	19	19	6.4	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-06
Lab ID:	0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18736

108-67-8	1,3,5-TRIMETHYLBENZENE	1	260	19	6.4		
106-43-4	4-CHLOROTOLUENE	1	19	19	6.4	U	
98-06-6	TERT-BUTYLBENZENE	1	19	19	6.4	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	1000	19	6.4	E	
135-98-8	SEC-BUTYLBENZENE	1	320	19	6.4		
541-73-1	1,3-DICHLOROBENZENE	1	19	19	6.4	U	
99-87-6	P-ISOPROPYLTOLUENE	1	140	19	6.4		
106-46-7	1,4-DICHLOROBENZENE	1	19	19	6.4	U	
104-51-8	N-BUTYLBENZENE	1	420	19	6.4	E	
95-50-1	1,2-DICHLOROBENZENE	1	19	19	6.4	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	39	39	13	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	19	19	6.4	U	
87-68-3	HEXACHLOROBUTADIENE	1	19	19	6.4	U	
91-20-3	NAPHTHALENE	1	360	19	6.4		
87-61-6	1,2,3-TRICHLOROBENZENE	1	19	19	6.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	254		191	133	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	53.6	*	191	28	61 - 134
2037-26-5	TOLUENE-D8	190		191	99	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18751

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	2	41	41	14	U	
74-87-3	CHLOROMETHANE	2	41	41	14	U	
75-01-4	VINYL CHLORIDE	2	41	41	14	U	
74-83-9	BROMOMETHANE	2	41	41	14	U	
75-00-3	CHLOROETHANE	2	41	41	14	U	
75-69-4	TRICHLOROFLUOROMETHANE	2	41	41	14	U	
75-35-4	1,1-DICHLOROETHENE	2	41	41	14	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	2	41	41	14	U	
67-64-1	ACETONE	2	280	160	55		
74-88-4	IODOMETHANE	2	41	41	14	U	
75-15-0	CARBON DISULFIDE	2	27	41	14	J	
75-09-2	METHYLENE CHLORIDE	2	41	41	14	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	2	41	41	14	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	2	41	41	14	U	
75-34-3	1,1-DICHLOROETHANE	2	41	41	14	U	
108-05-4	VINYL ACETATE	2	160	160	27	U	
156-59-2	CIS-1,2-DICHLOROETHENE	2	41	41	14	U	
78-93-3	2-BUTANONE	2	160	160	55	U	
74-97-5	BROMOCHLOROMETHANE	2	41	41	14	U	
67-66-3	CHLOROFORM	2	41	41	14	U	
71-55-6	1,1,1-TRICHLOROETHANE	2	41	41	14	U	
594-20-7	2,2-DICHLOROPROPANE	2	41	41	14	U	
56-23-5	CARBON TETRACHLORIDE	2	41	41	14	U	
563-58-6	1,1-DICHLOROPROPENE	2	41	41	14	U	
107-06-2	1,2-DICHLOROETHANE	2	41	41	14	U	
71-43-2	BENZENE	2	52	41	14		

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18751

79-01-6	TRICHLOROETHENE	2	41	41	14	U	
78-87-5	1,2-DICHLOROPROPANE	2	41	41	14	U	
74-95-3	DIBROMOMETHANE	2	41	41	14	U	
75-27-4	BROMODICHLOROMETHANE	2	41	41	14	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	2	41	41	14	U	
108-10-1	4-METHYL-2-PENTANONE	2	160	160	55	U	
108-88-3	TOLUENE	2	52	41	14		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	2	41	41	14	U	
79-00-5	1,1,2-TRICHLOROETHANE	2	41	41	14	U	
591-78-6	2-HEXANONE	2	160	160	55	U	
127-18-4	TETRACHLOROETHENE	2	41	41	14	U	
142-28-9	1,3-DICHLOROPROPANE	2	41	41	14	U	
124-48-1	DIBROMOCHLOROMETHANE	2	41	41	14	U	
106-93-4	1,2-DIBROMOETHANE	2	41	41	14	U	
544-10-5	1-CHLOROHEXANE	2	41	41	14	U	
108-90-7	CHLOROBENZENE	2	41	41	14	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	2	41	41	14	U	
100-41-4	ETHYLBENZENE	2	170	41	14		
136777-61-2	M+P-XYLENE	2	260	41	14		
95-47-6	O-XYLENE	2	140	41	14		
100-42-5	STYRENE	2	41	41	14	U	
75-25-2	BROMOFORM	2	41	41	14	U	
98-82-8	ISOPROPYLBENZENE	2	120	41	14		
96-18-4	1,2,3-TRICHLOROPROPANE	2	41	41	14	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	2	41	41	14	U	
108-86-1	BROMOBENZENE	2	41	41	14	U	
103-65-1	N-PROPYLBENZENE	2	330	41	14		
95-49-8	2-CHLOROTOLUENE	2	41	41	14	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07	Sample Matrix: SLUDGE	Prep Batch: VL070313-4	Sample Aliquot: 5g
Lab ID: 0703072-7	% Moisture: 75.7	QCBatchID: VL070313-4-1	Final Volume: 5 ml
	Date Collected: 07-Mar-07	Run ID: VL070313-4A	Result Units: ug/kg
	Date Extracted: 13-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 13-Mar-07	Basis: Dry Weight	File Name: D18751
	Prep Method: SW5035 Rev A M		

108-67-8	1,3,5-TRIMETHYLBENZENE	2	360	41	14		
106-43-4	4-CHLOROTOLUENE	2	41	41	14	U	
98-06-6	TERT-BUTYLBENZENE	2	41	41	14	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	2	1400	41	14	E	
135-98-8	SEC-BUTYLBENZENE	2	440	41	14		
541-73-1	1,3-DICHLOROBENZENE	2	41	41	14	U	
99-87-6	P-ISOPROPYLTOLUENE	2	190	41	14		
106-46-7	1,4-DICHLOROBENZENE	2	41	41	14	U	
104-51-8	N-BUTYLBENZENE	2	570	41	14		
95-50-1	1,2-DICHLOROBENZENE	2	41	41	14	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2	82	82	27	U	
120-82-1	1,2,4-TRICHLOROBENZENE	2	41	41	14	U	
87-68-3	HEXACHLOROBUTADIENE	2	41	41	14	U	
91-20-3	NAPHTHALENE	2	610	41	14		
87-61-6	1,2,3-TRICHLOROBENZENE	2	41	41	14	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	476		406	117	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	406		406	100	61 - 134
2037-26-5	TOLUENE-D8	435		406	107	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18741

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	5	78	78	26	U	
74-87-3	CHLOROMETHANE	5	78	78	26	U	
75-01-4	VINYL CHLORIDE	5	78	78	26	U	
74-83-9	BROMOMETHANE	5	78	78	26	U	
75-00-3	CHLOROETHANE	5	78	78	26	U	
75-69-4	TRICHLOROFLUOROMETHANE	5	78	78	26	U	
75-35-4	1,1-DICHLOROETHENE	5	78	78	26	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	5	78	78	26	U	
67-64-1	ACETONE	5	380	310	100		
74-88-4	IODOMETHANE	5	78	78	26	U	
75-15-0	CARBON DISULFIDE	5	78	78	26	U	
75-09-2	METHYLENE CHLORIDE	5	45	78	26	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	5	78	78	26	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	5	78	78	26	U	
75-34-3	1,1-DICHLOROETHANE	5	78	78	26	U	
108-05-4	VINYL ACETATE	5	310	310	52	U	
156-59-2	CIS-1,2-DICHLOROETHENE	5	78	78	26	U	
78-93-3	2-BUTANONE	5	310	310	100	U	
74-97-5	BROMOCHLOROMETHANE	5	78	78	26	U	
67-66-3	CHLOROFORM	5	78	78	26	U	
71-55-6	1,1,1-TRICHLOROETHANE	5	78	78	26	U	
594-20-7	2,2-DICHLOROPROPANE	5	78	78	26	U	
56-23-5	CARBON TETRACHLORIDE	5	78	78	26	U	
563-58-6	1,1-DICHLOROPROPENE	5	78	78	26	U	
107-06-2	1,2-DICHLOROETHANE	5	78	78	26	U	
71-43-2	BENZENE	5	52	78	26	J	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18741

79-01-6	TRICHLOROETHENE	5	78	78	26	U	
78-87-5	1,2-DICHLOROPROPANE	5	78	78	26	U	
74-95-3	DIBROMOMETHANE	5	78	78	26	U	
75-27-4	BROMODICHLOROMETHANE	5	78	78	26	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	5	78	78	26	U	
108-10-1	4-METHYL-2-PENTANONE	5	310	310	100	U	
108-88-3	TOLUENE	5	270	78	26		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	78	78	26	U	
79-00-5	1,1,2-TRICHLOROETHANE	5	78	78	26	U	
591-78-6	2-HEXANONE	5	310	310	100	U	
127-18-4	TETRACHLOROETHENE	5	78	78	26	U	
142-28-9	1,3-DICHLOROPROPANE	5	78	78	26	U	
124-48-1	DIBROMOCHLOROMETHANE	5	78	78	26	U	
106-93-4	1,2-DIBROMOETHANE	5	78	78	26	U	
544-10-5	1-CHLOROHEXANE	5	78	78	26	U	
108-90-7	CHLOROBENZENE	5	78	78	26	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	5	78	78	26	U	
100-41-4	ETHYLBENZENE	5	670	78	26		
136777-61-2	M+P-XYLENE	5	930	78	26		
95-47-6	O-XYLENE	5	480	78	26		
100-42-5	STYRENE	5	78	78	26	U	
75-25-2	BROMOFORM	5	78	78	26	U	
98-82-8	ISOPROPYLBENZENE	5	330	78	26		
96-18-4	1,2,3-TRICHLOROPROPANE	5	78	78	26	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	5	78	78	26	U	
108-86-1	BROMOBENZENE	5	78	78	26	U	
103-65-1	N-PROPYLBENZENE	5	1100	78	26		
95-49-8	2-CHLOROTOLUENE	5	78	78	26	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18741

108-67-8	1,3,5-TRIMETHYLBENZENE	5	1100	78	26		
106-43-4	4-CHLOROTOLUENE	5	78	78	26	U	
98-06-6	TERT-BUTYLBENZENE	5	78	78	26	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	5	4300	78	26	E	
135-98-8	SEC-BUTYLBENZENE	5	1600	78	26	E	
541-73-1	1,3-DICHLOROBENZENE	5	78	78	26	U	
99-87-6	P-ISOPROPYLTOLUENE	5	670	78	26		
106-46-7	1,4-DICHLOROBENZENE	5	78	78	26	U	
104-51-8	N-BUTYLBENZENE	5	2000	78	26	E	
95-50-1	1,2-DICHLOROBENZENE	5	78	78	26	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	5	160	160	52	U	
120-82-1	1,2,4-TRICHLOROBENZENE	5	78	78	26	U	
87-68-3	HEXACHLOROBUTADIENE	5	78	78	26	U	
91-20-3	NAPHTHALENE	5	1700	78	26	E	
87-61-6	1,2,3-TRICHLOROBENZENE	5	78	78	26	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	1010		772	130	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	824		772	107	61 - 134
2037-26-5	TOLUENE-D8	776		772	100	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18742

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	5	75	75	25	U	
74-87-3	CHLOROMETHANE	5	75	75	25	U	
75-01-4	VINYL CHLORIDE	5	75	75	25	U	
74-83-9	BROMOMETHANE	5	75	75	25	U	
75-00-3	CHLOROETHANE	5	75	75	25	U	
75-69-4	TRICHLOROFLUOROMETHANE	5	75	75	25	U	
75-35-4	1,1-DICHLOROETHENE	5	75	75	25	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	5	75	75	25	U	
67-64-1	ACETONE	5	270	300	100	J	
74-88-4	IODOMETHANE	5	75	75	25	U	
75-15-0	CARBON DISULFIDE	5	75	75	25	U	
75-09-2	METHYLENE CHLORIDE	5	37	75	25	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	5	75	75	25	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	5	75	75	25	U	
75-34-3	1,1-DICHLOROETHANE	5	75	75	25	U	
108-05-4	VINYL ACETATE	5	300	300	50	U	
156-59-2	CIS-1,2-DICHLOROETHENE	5	75	75	25	U	
78-93-3	2-BUTANONE	5	300	300	100	U	
74-97-5	BROMOCHLOROMETHANE	5	75	75	25	U	
67-66-3	CHLOROFORM	5	75	75	25	U	
71-55-6	1,1,1-TRICHLOROETHANE	5	75	75	25	U	
594-20-7	2,2-DICHLOROPROPANE	5	75	75	25	U	
56-23-5	CARBON TETRACHLORIDE	5	75	75	25	U	
563-58-6	1,1-DICHLOROPROPENE	5	75	75	25	U	
107-06-2	1,2-DICHLOROETHANE	5	75	75	25	U	
71-43-2	BENZENE	5	34	75	25	J	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-01
Lab ID:	0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18742

79-01-6	TRICHLOROETHENE	5	75	75	25	U	
78-87-5	1,2-DICHLOROPROPANE	5	75	75	25	U	
74-95-3	DIBROMOMETHANE	5	75	75	25	U	
75-27-4	BROMODICHLOROMETHANE	5	75	75	25	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	5	75	75	25	U	
108-10-1	4-METHYL-2-PENTANONE	5	300	300	100	U	
108-88-3	TOLUENE	5	150	75	25		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	75	75	25	U	
79-00-5	1,1,2-TRICHLOROETHANE	5	75	75	25	U	
591-78-6	2-HEXANONE	5	300	300	100	U	
127-18-4	TETRACHLOROETHENE	5	75	75	25	U	
142-28-9	1,3-DICHLOROPROPANE	5	75	75	25	U	
124-48-1	DIBROMOCHLOROMETHANE	5	75	75	25	U	
106-93-4	1,2-DIBROMOETHANE	5	75	75	25	U	
544-10-5	1-CHLOROHEXANE	5	75	75	25	U	
108-90-7	CHLOROBENZENE	5	75	75	25	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	5	75	75	25	U	
100-41-4	ETHYLBENZENE	5	440	75	25		
136777-61-2	M+P-XYLENE	5	670	75	25		
95-47-6	O-XYLENE	5	310	75	25		
100-42-5	STYRENE	5	75	75	25	U	
75-25-2	BROMOFORM	5	75	75	25	U	
98-82-8	ISOPROPYLBENZENE	5	190	75	25		
96-18-4	1,2,3-TRICHLOROPROPANE	5	75	75	25	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	5	75	75	25	U	
108-86-1	BROMOBENZENE	5	75	75	25	U	
103-65-1	N-PROPYLBENZENE	5	550	75	25		
95-49-8	2-CHLOROTOLUENE	5	75	75	25	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01

Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18742

108-67-8	1,3,5-TRIMETHYLBENZENE	5	580	75	25		
106-43-4	4-CHLOROTOLUENE	5	75	75	25	U	
98-06-6	TERT-BUTYLBENZENE	5	75	75	25	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	5	2300	75	25	E	
135-98-8	SEC-BUTYLBENZENE	5	660	75	25		
541-73-1	1,3-DICHLOROBENZENE	5	75	75	25	U	
99-87-6	P-ISOPROPYLTOLUENE	5	290	75	25		
106-46-7	1,4-DICHLOROBENZENE	5	75	75	25	U	
104-51-8	N-BUTYLBENZENE	5	830	75	25		
95-50-1	1,2-DICHLOROBENZENE	5	75	75	25	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	5	150	150	50	U	
120-82-1	1,2,4-TRICHLOROBENZENE	5	75	75	25	U	
87-68-3	HEXACHLOROBUTADIENE	5	75	75	25	U	
91-20-3	NAPHTHALENE	5	1100	75	25		
87-61-6	1,2,3-TRICHLOROBENZENE	5	75	75	25	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	911		744	123	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	774		744	104	61 - 134
2037-26-5	TOLUENE-D8	783		744	105	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
Lab ID: 0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: D18738

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	17	17	5.7	U	
74-87-3	CHLOROMETHANE	1	17	17	5.7	U	
75-01-4	VINYL CHLORIDE	1	17	17	5.7	U	
74-83-9	BROMOMETHANE	1	17	17	5.7	U	
75-00-3	CHLOROETHANE	1	17	17	5.7	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	17	17	5.7	U	
75-35-4	1,1-DICHLOROETHENE	1	17	17	5.7	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	17	17	5.7	U	
67-64-1	ACETONE	1	640	69	23		
74-88-4	IODOMETHANE	1	17	17	5.7	U	
75-15-0	CARBON DISULFIDE	1	35	17	5.7		
75-09-2	METHYLENE CHLORIDE	1	9.1	17	5.7	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	17	17	5.7	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	17	17	5.7	U	
75-34-3	1,1-DICHLOROETHANE	1	17	17	5.7	U	
108-05-4	VINYL ACETATE	1	69	69	11	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	17	17	5.7	U	
78-93-3	2-BUTANONE	1	37	69	23	J	
74-97-5	BROMOCHLOROMETHANE	1	17	17	5.7	U	
67-66-3	CHLOROFORM	1	17	17	5.7	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	17	17	5.7	U	
594-20-7	2,2-DICHLOROPROPANE	1	17	17	5.7	U	
56-23-5	CARBON TETRACHLORIDE	1	17	17	5.7	U	
563-58-6	1,1-DICHLOROPROPENE	1	17	17	5.7	U	
107-06-2	1,2-DICHLOROETHANE	1	17	17	5.7	U	
71-43-2	BENZENE	1	27	17	5.7		

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
Lab ID: 0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18738

79-01-6	TRICHLOROETHENE	1	17	17	5.7	U	
78-87-5	1,2-DICHLOROPROPANE	1	17	17	5.7	U	
74-95-3	DIBROMOMETHANE	1	17	17	5.7	U	
75-27-4	BROMODICHLOROMETHANE	1	17	17	5.7	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	17	17	5.7	U	
108-10-1	4-METHYL-2-PENTANONE	1	69	69	23	U	
108-88-3	TOLUENE	1	20	17	5.7		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	17	17	5.7	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	17	17	5.7	U	
591-78-6	2-HEXANONE	1	69	69	23	U	
127-18-4	TETRACHLOROETHENE	1	17	17	5.7	U	
142-28-9	1,3-DICHLOROPROPANE	1	17	17	5.7	U	
124-48-1	DIBROMOCHLOROMETHANE	1	17	17	5.7	U	
106-93-4	1,2-DIBROMOETHANE	1	17	17	5.7	U	
544-10-5	1-CHLOROHEXANE	1	17	17	5.7	U	
108-90-7	CHLOROBENZENE	1	17	17	5.7	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	17	17	5.7	U	
100-41-4	ETHYLBENZENE	1	17	17	5.7	U	
136777-61-2	M+P-XYLENE	1	12	17	5.7	J	
95-47-6	O-XYLENE	1	17	17	5.7	U	
100-42-5	STYRENE	1	17	17	5.7	U	
75-25-2	BROMOFORM	1	17	17	5.7	U	
98-82-8	ISOPROPYLBENZENE	1	17	17	5.7	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	17	17	5.7	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	17	17	5.7	U	
108-86-1	BROMOBENZENE	1	17	17	5.7	U	
103-65-1	N-PROPYLBENZENE	1	17	17	5.7	U	
95-49-8	2-CHLOROTOLUENE	1	17	17	5.7	U	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-02
Lab ID:	0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18738

108-67-8	1,3,5-TRIMETHYLBENZENE	1	10	17	5.7	J	
106-43-4	4-CHLOROTOLUENE	1	17	17	5.7	U	
98-06-6	TERT-BUTYLBENZENE	1	17	17	5.7	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	22	17	5.7		
135-98-8	SEC-BUTYLBENZENE	1	15	17	5.7	J	
541-73-1	1,3-DICHLOROBENZENE	1	17	17	5.7	U	
99-87-6	P-ISOPROPYLTOLUENE	1	7.5	17	5.7	J	
106-46-7	1,4-DICHLOROBENZENE	1	17	17	5.7	U	
104-51-8	N-BUTYLBENZENE	1	17	17	5.7		
95-50-1	1,2-DICHLOROBENZENE	1	17	17	5.7	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	35	35	11	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	17	17	5.7	U	
87-68-3	HEXACHLOROBUTADIENE	1	17	17	5.7	U	
91-20-3	NAPHTHALENE	1	14	17	5.7	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1	17	17	5.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	203		170	119	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	34	*	170	20	61 - 134
2037-26-5	TOLUENE-D8	180		170	105	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

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LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18739

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	20	20	6.6	U	
74-87-3	CHLOROMETHANE	1	20	20	6.6	U	
75-01-4	VINYL CHLORIDE	1	20	20	6.6	U	
74-83-9	BROMOMETHANE	1	20	20	6.6	U	
75-00-3	CHLOROETHANE	1	20	20	6.6	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	20	20	6.6	U	
75-35-4	1,1-DICHLOROETHENE	1	20	20	6.6	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	20	20	6.6	U	
67-64-1	ACETONE	1	540	80	27		
74-88-4	IODOMETHANE	1	20	20	6.6	U	
75-15-0	CARBON DISULFIDE	1	32	20	6.6		
75-09-2	METHYLENE CHLORIDE	1	9.9	20	6.6	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	20	20	6.6	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	20	20	6.6	U	
75-34-3	1,1-DICHLOROETHANE	1	20	20	6.6	U	
108-05-4	VINYL ACETATE	1	80	80	13	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	20	20	6.6	U	
78-93-3	2-BUTANONE	1	37	80	27	J	
74-97-5	BROMOCHLOROMETHANE	1	20	20	6.6	U	
67-66-3	CHLOROFORM	1	20	20	6.6	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	20	20	6.6	U	
594-20-7	2,2-DICHLOROPROPANE	1	20	20	6.6	U	
56-23-5	CARBON TETRACHLORIDE	1	20	20	6.6	U	
563-58-6	1,1-DICHLOROPROPENE	1	20	20	6.6	U	
107-06-2	1,2-DICHLOROETHANE	1	20	20	6.6	U	
71-43-2	BENZENE	1	21	20	6.6		

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QC Batch ID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18739

79-01-6	TRICHLOROETHENE	1	20	20	6.6	U	
78-87-5	1,2-DICHLOROPROPANE	1	20	20	6.6	U	
74-95-3	DIBROMOMETHANE	1	20	20	6.6	U	
75-27-4	BROMODICHLOROMETHANE	1	20	20	6.6	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	20	20	6.6	U	
108-10-1	4-METHYL-2-PENTANONE	1	80	80	27	U	
108-88-3	TOLUENE	1	15	20	6.6	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	20	20	6.6	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	20	20	6.6	U	
591-78-6	2-HEXANONE	1	80	80	27	U	
127-18-4	TETRACHLOROETHENE	1	20	20	6.6	U	
142-28-9	1,3-DICHLOROPROPANE	1	20	20	6.6	U	
124-48-1	DIBROMOCHLOROMETHANE	1	20	20	6.6	U	
106-93-4	1,2-DIBROMOETHANE	1	20	20	6.6	U	
544-10-5	1-CHLOROHEXANE	1	20	20	6.6	U	
108-90-7	CHLOROBENZENE	1	20	20	6.6	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	20	20	6.6	U	
100-41-4	ETHYLBENZENE	1	20	20	6.6	U	
136777-61-2	M+P-XYLENE	1	12	20	6.6	J	
95-47-6	O-XYLENE	1	20	20	6.6	U	
100-42-5	STYRENE	1	20	20	6.6	U	
75-25-2	BROMOFORM	1	20	20	6.6	U	
98-82-8	ISOPROPYLBENZENE	1	20	20	6.6	U	
96-18-4	1,2,3-TRICHLOROPROPANE	1	20	20	6.6	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	20	20	6.6	U	
108-86-1	BROMOBENZENE	1	20	20	6.6	U	
103-65-1	N-PROPYLBENZENE	1	20	20	6.6	U	
95-49-8	2-CHLOROTOLUENE	1	20	20	6.6	U	

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-03
Lab ID:	0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18739

108-67-8	1,3,5-TRIMETHYLBENZENE	1	8.7	20	6.6	J	
106-43-4	4-CHLOROTOLUENE	1	20	20	6.6	U	
98-06-6	TERT-BUTYLBENZENE	1	20	20	6.6	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	19	20	6.6	J	
135-98-8	SEC-BUTYLBENZENE	1	15	20	6.6	J	
541-73-1	1,3-DICHLOROBENZENE	1	20	20	6.6	U	
99-87-6	P-ISOPROPYLTOLUENE	1	7.9	20	6.6	J	
106-46-7	1,4-DICHLOROBENZENE	1	20	20	6.6	U	
104-51-8	N-BUTYLBENZENE	1	19	20	6.6	J	
95-50-1	1,2-DICHLOROBENZENE	1	20	20	6.6	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	40	40	13	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	20	20	6.6	U	
87-68-3	HEXACHLOROBUTADIENE	1	20	20	6.6	U	
91-20-3	NAPHTHALENE	1	12	20	6.6	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1	20	20	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	198		196	101	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	40.2	*	196	20	61 - 134
2037-26-5	TOLUENE-D8	211		196	108	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04

Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18740

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1	17	17	5.6	U	
74-87-3	CHLOROMETHANE	1	17	17	5.6	U	
75-01-4	VINYL CHLORIDE	1	17	17	5.6	U	
74-83-9	BROMOMETHANE	1	17	17	5.6	U	
75-00-3	CHLOROETHANE	1	17	17	5.6	U	
75-69-4	TRICHLOROFLUOROMETHANE	1	17	17	5.6	U	
75-35-4	1,1-DICHLOROETHENE	1	17	17	5.6	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1	17	17	5.6	U	
67-64-1	ACETONE	1	410	67	22		
74-88-4	IODOMETHANE	1	17	17	5.6	U	
75-15-0	CARBON DISULFIDE	1	44	17	5.6		
75-09-2	METHYLENE CHLORIDE	1	7.1	17	5.6	J	
156-60-5	TRANS-1,2-DICHLOROETHENE	1	17	17	5.6	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1	17	17	5.6	U	
75-34-3	1,1-DICHLOROETHANE	1	17	17	5.6	U	
108-05-4	VINYL ACETATE	1	67	67	11	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1	17	17	5.6	U	
78-93-3	2-BUTANONE	1	33	67	22	J	
74-97-5	BROMOCHLOROMETHANE	1	17	17	5.6	U	
67-66-3	CHLOROFORM	1	17	17	5.6	U	
71-55-6	1,1,1-TRICHLOROETHANE	1	17	17	5.6	U	
594-20-7	2,2-DICHLOROPROPANE	1	17	17	5.6	U	
56-23-5	CARBON TETRACHLORIDE	1	17	17	5.6	U	
563-58-6	1,1-DICHLOROPROPENE	1	17	17	5.6	U	
107-06-2	1,2-DICHLOROETHANE	1	17	17	5.6	U	
71-43-2	BENZENE	1	24	17	5.6		

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-04
Lab ID:	0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18740

79-01-6	TRICHLOROETHENE	1	17	17	5.6	U	
78-87-5	1,2-DICHLOROPROPANE	1	17	17	5.6	U	
74-95-3	DIBROMOMETHANE	1	17	17	5.6	U	
75-27-4	BROMODICHLOROMETHANE	1	17	17	5.6	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	17	17	5.6	U	
108-10-1	4-METHYL-2-PENTANONE	1	67	67	22	U	
108-88-3	TOLUENE	1	13	17	5.6	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	17	17	5.6	U	
79-00-5	1,1,2-TRICHLOROETHANE	1	17	17	5.6	U	
591-78-6	2-HEXANONE	1	67	67	22	U	
127-18-4	TETRACHLOROETHENE	1	17	17	5.6	U	
142-28-9	1,3-DICHLOROPROPANE	1	17	17	5.6	U	
124-48-1	DIBROMOCHLOROMETHANE	1	17	17	5.6	U	
106-93-4	1,2-DIBROMOETHANE	1	17	17	5.6	U	
544-10-5	1-CHLOROHEXANE	1	17	17	5.6	U	
108-90-7	CHLOROBENZENE	1	17	17	5.6	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	17	17	5.6	U	
100-41-4	ETHYLBENZENE	1	17	17	5.6	U	
136777-61-2	M+P-XYLENE	1	10	17	5.6	J	
95-47-6	O-XYLENE	1	17	17	5.6	U	
100-42-5	STYRENE	1	17	17	5.6	U	
75-25-2	BROMOFORM	1	17	17	5.6	U	
98-82-8	ISOPROPYLBENZENE	1	5.7	17	5.6	J	
96-18-4	1,2,3-TRICHLOROPROPANE	1	17	17	5.6	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	17	17	5.6	U	
108-86-1	BROMOBENZENE	1	17	17	5.6	U	
103-65-1	N-PROPYLBENZENE	1	10	17	5.6	J	
95-49-8	2-CHLOROTOLUENE	1	17	17	5.6	U	

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18740

108-67-8	1,3,5-TRIMETHYLBENZENE	1	16	17	5.6	J	
106-43-4	4-CHLOROTOLUENE	1	17	17	5.6	U	
98-06-6	TERT-BUTYLBENZENE	1	17	17	5.6	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1	42	17	5.6		
135-98-8	SEC-BUTYLBENZENE	1	31	17	5.6		
541-73-1	1,3-DICHLOROBENZENE	1	17	17	5.6	U	
99-87-6	P-ISOPROPYLTOLUENE	1	15	17	5.6	J	
106-46-7	1,4-DICHLOROBENZENE	1	17	17	5.6	U	
104-51-8	N-BUTYLBENZENE	1	41	17	5.6		
95-50-1	1,2-DICHLOROBENZENE	1	17	17	5.6	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	33	33	11	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1	17	17	5.6	U	
87-68-3	HEXACHLOROBUTADIENE	1	17	17	5.6	U	
91-20-3	NAPHTHALENE	1	31	17	5.6		
87-61-6	1,2,3-TRICHLOROBENZENE	1	17	17	5.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	169		165	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	63.1	*	165	38	61 - 134
2037-26-5	TOLUENE-D8	180		165	109	57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18797

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	2.6	5	1.7	J	
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: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18797

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: VL0703072-4

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QC Batch ID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18797

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	50.9		49.4	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	55		49.4	111	61 - 134
2037-26-5	TOLUENE-D8	58		49.4	118	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18798

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	740	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: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QC Batch ID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18798

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	1,1,2,2-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: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18798

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	2530		2470	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2750		2470	111	61 - 134
2037-26-5	TOLUENE-D8	2910		2470	118	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-6RR1

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18799

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	970	970	320	U	
74-87-3	CHLOROMETHANE	50	970	970	320	U	
75-01-4	VINYL CHLORIDE	50	970	970	320	U	
74-83-9	BROMOMETHANE	50	970	970	320	U	
75-00-3	CHLOROETHANE	50	970	970	320	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	970	970	320	U	
75-35-4	1,1-DICHLOROETHENE	50	970	970	320	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	970	970	320	U	
67-64-1	ACETONE	50	2500	3900	1300	J,B	
74-88-4	IODOMETHANE	50	970	970	320	U	
75-15-0	CARBON DISULFIDE	50	970	970	320	U	
75-09-2	METHYLENE CHLORIDE	50	970	970	320	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	970	970	320	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	970	970	320	U	
75-34-3	1,1-DICHLOROETHANE	50	970	970	320	U	
108-05-4	VINYL ACETATE	50	3900	3900	640	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	970	970	320	U	
78-93-3	2-BUTANONE	50	3900	3900	1300	U	
74-97-5	BROMOCHLOROMETHANE	50	970	970	320	U	
67-66-3	CHLOROFORM	50	970	970	320	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	970	970	320	U	
594-20-7	2,2-DICHLOROPROPANE	50	970	970	320	U	
56-23-5	CARBON TETRACHLORIDE	50	970	970	320	U	
563-58-6	1,1-DICHLOROPROPENE	50	970	970	320	U	
107-06-2	1,2-DICHLOROETHANE	50	970	970	320	U	
71-43-2	BENZENE	50	970	970	320	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6RR1

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18799

79-01-6	TRICHLOROETHENE	50	970	970	320	U	
78-87-5	1,2-DICHLOROPROPANE	50	970	970	320	U	
74-95-3	DIBROMOMETHANE	50	970	970	320	U	
75-27-4	BROMODICHLOROMETHANE	50	970	970	320	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	970	970	320	U	
108-10-1	4-METHYL-2-PENTANONE	50	3900	3900	1300	U	
108-88-3	TOLUENE	50	970	970	320	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	970	970	320	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	970	970	320	U	
591-78-6	2-HEXANONE	50	3900	3900	1300	U	
127-18-4	TETRACHLOROETHENE	50	970	970	320	U	
142-28-9	1,3-DICHLOROPROPANE	50	970	970	320	U	
124-48-1	DIBROMOCHLOROMETHANE	50	970	970	320	U	
106-93-4	1,2-DIBROMOETHANE	50	970	970	320	U	
544-10-5	1-CHLOROHEXANE	50	970	970	320	U	
108-90-7	CHLOROBENZENE	50	970	970	320	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	970	970	320	U	
100-41-4	ETHYLBENZENE	50	970	970	320	U	
136777-61-2	M+P-XYLENE	50	970	970	320	U	
95-47-6	O-XYLENE	50	970	970	320	U	
100-42-5	STYRENE	50	970	970	320	U	
75-25-2	BROMOFORM	50	970	970	320	U	
98-82-8	ISOPROPYLBENZENE	50	970	970	320	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	970	970	320	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	970	970	320	U	
108-86-1	BROMOBENZENE	50	970	970	320	U	
103-65-1	N-PROPYLBENZENE	50	970	970	320	U	
95-49-8	2-CHLOROTOLUENE	50	970	970	320	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-6RR1

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18799

108-67-8	1,3,5-TRIMETHYLBENZENE	50	970	970	320	U	
106-43-4	4-CHLOROTOLUENE	50	970	970	320	U	
98-06-6	TERT-BUTYLBENZENE	50	970	970	320	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	580	970	320	J	
135-98-8	SEC-BUTYLBENZENE	50	970	970	320	U	
541-73-1	1,3-DICHLOROBENZENE	50	970	970	320	U	
99-87-6	P-ISOPROPYLTOLUENE	50	970	970	320	U	
106-46-7	1,4-DICHLOROBENZENE	50	970	970	320	U	
104-51-8	N-BUTYLBENZENE	50	350	970	320	J	
95-50-1	1,2-DICHLOROBENZENE	50	970	970	320	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1900	1900	640	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	970	970	320	U	
87-68-3	HEXACHLOROBUTADIENE	50	970	970	320	U	
91-20-3	NAPHTHALENE	50	500	970	320	J	
87-61-6	1,2,3-TRICHLOROBENZENE	50	970	970	320	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	11500		9550	121	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	11400		9550	119	61 - 134
2037-26-5	TOLUENE-D8	13000	*	9550	136	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-07
Lab ID:	0703072-7RR1

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18800

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1000	1000	340	U	
74-87-3	CHLOROMETHANE	50	1000	1000	340	U	
75-01-4	VINYL CHLORIDE	50	1000	1000	340	U	
74-83-9	BROMOMETHANE	50	1000	1000	340	U	
75-00-3	CHLOROETHANE	50	1000	1000	340	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1000	1000	340	U	
75-35-4	1,1-DICHLOROETHENE	50	1000	1000	340	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1000	1000	340	U	
67-64-1	ACETONE	50	2200	4100	1400	J,B	
74-88-4	IODOMETHANE	50	1000	1000	340	U	
75-15-0	CARBON DISULFIDE	50	1000	1000	340	U	
75-09-2	METHYLENE CHLORIDE	50	1000	1000	340	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1000	1000	340	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1000	1000	340	U	
75-34-3	1,1-DICHLOROETHANE	50	1000	1000	340	U	
108-05-4	VINYL ACETATE	50	4100	4100	690	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1000	1000	340	U	
78-93-3	2-BUTANONE	50	4100	4100	1400	U	
74-97-5	BROMOCHLOROMETHANE	50	1000	1000	340	U	
67-66-3	CHLOROFORM	50	1000	1000	340	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1000	1000	340	U	
594-20-7	2,2-DICHLOROPROPANE	50	1000	1000	340	U	
56-23-5	CARBON TETRACHLORIDE	50	1000	1000	340	U	
563-58-6	1,1-DICHLOROPROPENE	50	1000	1000	340	U	
107-06-2	1,2-DICHLOROETHANE	50	1000	1000	340	U	
71-43-2	BENZENE	50	1000	1000	340	U	

Data Package ID: VL0703072-4

GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

Lab ID: 0703072-7RR1

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18800

79-01-6	TRICHLOROETHENE	50	1000	1000	340	U	
78-87-5	1,2-DICHLOROPROPANE	50	1000	1000	340	U	
74-95-3	DIBROMOMETHANE	50	1000	1000	340	U	
75-27-4	BROMODICHLOROMETHANE	50	1000	1000	340	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1000	1000	340	U	
108-10-1	4-METHYL-2-PENTANONE	50	4100	4100	1400	U	
108-88-3	TOLUENE	50	1000	1000	340	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1000	1000	340	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1000	1000	340	U	
591-78-6	2-HEXANONE	50	4100	4100	1400	U	
127-18-4	TETRACHLOROETHENE	50	1000	1000	340	U	
142-28-9	1,3-DICHLOROPROPANE	50	1000	1000	340	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1000	1000	340	U	
106-93-4	1,2-DIBROMOETHANE	50	1000	1000	340	U	
544-10-5	1-CHLOROHEXANE	50	1000	1000	340	U	
108-90-7	CHLOROBENZENE	50	1000	1000	340	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1000	1000	340	U	
100-41-4	ETHYLBENZENE	50	1000	1000	340	U	
136777-61-2	M+P-XYLENE	50	1000	1000	340	U	
95-47-6	O-XYLENE	50	1000	1000	340	U	
100-42-5	STYRENE	50	1000	1000	340	U	
75-25-2	BROMOFORM	50	1000	1000	340	U	
98-82-8	ISOPROPYLBENZENE	50	1000	1000	340	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1000	1000	340	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1000	1000	340	U	
108-86-1	BROMOBENZENE	50	1000	1000	340	U	
103-65-1	N-PROPYLBENZENE	50	1000	1000	340	U	
95-49-8	2-CHLOROTOLUENE	50	1000	1000	340	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

Lab ID: 0703072-7RR1

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18800

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1000	1000	340	U	
106-43-4	4-CHLOROTOLUENE	50	1000	1000	340	U	
98-06-6	TERT-BUTYLBENZENE	50	1000	1000	340	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	670	1000	340	J	
135-98-8	SEC-BUTYLBENZENE	50	1000	1000	340	U	
541-73-1	1,3-DICHLOROBENZENE	50	1000	1000	340	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1000	1000	340	U	
106-46-7	1,4-DICHLOROBENZENE	50	1000	1000	340	U	
104-51-8	N-BUTYLBENZENE	50	420	1000	340	J	
95-50-1	1,2-DICHLOROBENZENE	50	1000	1000	340	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2100	2100	690	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1000	1000	340	U	
87-68-3	HEXACHLOROBUTADIENE	50	1000	1000	340	U	
91-20-3	NAPHTHALENE	50	580	1000	340	J	
87-61-6	1,2,3-TRICHLOROBENZENE	50	1000	1000	340	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	10000		10200	98	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	10900		10200	108	61 - 134
2037-26-5	TOLUENE-D8	11700		10200	115	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-8RR1

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18801

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	780	780	260	U	
74-87-3	CHLOROMETHANE	50	780	780	260	U	
75-01-4	VINYL CHLORIDE	50	780	780	260	U	
74-83-9	BROMOMETHANE	50	780	780	260	U	
75-00-3	CHLOROETHANE	50	780	780	260	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	780	780	260	U	
75-35-4	1,1-DICHLOROETHENE	50	780	780	260	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	780	780	260	U	
67-64-1	ACETONE	50	1700	3100	1000	J,B	
74-88-4	IODOMETHANE	50	780	780	260	U	
75-15-0	CARBON DISULFIDE	50	780	780	260	U	
75-09-2	METHYLENE CHLORIDE	50	780	780	260	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	780	780	260	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	780	780	260	U	
75-34-3	1,1-DICHLOROETHANE	50	780	780	260	U	
108-05-4	VINYL ACETATE	50	3100	3100	520	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	780	780	260	U	
78-93-3	2-BUTANONE	50	3100	3100	1000	U	
74-97-5	BROMOCHLOROMETHANE	50	780	780	260	U	
67-66-3	CHLOROFORM	50	780	780	260	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	780	780	260	U	
594-20-7	2,2-DICHLOROPROPANE	50	780	780	260	U	
56-23-5	CARBON TETRACHLORIDE	50	780	780	260	U	
563-58-6	1,1-DICHLOROPROPENE	50	780	780	260	U	
107-06-2	1,2-DICHLOROETHANE	50	780	780	260	U	
71-43-2	BENZENE	50	780	780	260	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8RR1

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18801

79-01-6	TRICHLOROETHENE	50	780	780	260	U	
78-87-5	1,2-DICHLOROPROPANE	50	780	780	260	U	
74-95-3	DIBROMOMETHANE	50	780	780	260	U	
75-27-4	BROMODICHLOROMETHANE	50	780	780	260	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	780	780	260	U	
108-10-1	4-METHYL-2-PENTANONE	50	3100	3100	1000	U	
108-88-3	TOLUENE	50	780	780	260	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	780	780	260	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	780	780	260	U	
591-78-6	2-HEXANONE	50	3100	3100	1000	U	
127-18-4	TETRACHLOROETHENE	50	780	780	260	U	
142-28-9	1,3-DICHLOROPROPANE	50	780	780	260	U	
124-48-1	DIBROMOCHLOROMETHANE	50	780	780	260	U	
106-93-4	1,2-DIBROMOETHANE	50	780	780	260	U	
544-10-5	1-CHLOROHEXANE	50	780	780	260	U	
108-90-7	CHLOROBENZENE	50	780	780	260	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	780	780	260	U	
100-41-4	ETHYLBENZENE	50	400	780	260	J	
136777-61-2	M+P-XYLENE	50	520	780	260	J	
95-47-6	O-XYLENE	50	290	780	260	J	
100-42-5	STYRENE	50	780	780	260	U	
75-25-2	BROMOFORM	50	780	780	260	U	
98-82-8	ISOPROPYLBENZENE	50	780	780	260	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	780	780	260	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	780	780	260	U	
108-86-1	BROMOBENZENE	50	780	780	260	U	
103-65-1	N-PROPYLBENZENE	50	390	780	260	J	
95-49-8	2-CHLOROTOLUENE	50	780	780	260	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-08
Lab ID:	0703072-8RR1

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18801

108-67-8	1,3,5-TRIMETHYLBENZENE	50	370	780	260	J	
106-43-4	4-CHLOROTOLUENE	50	780	780	260	U	
98-06-6	TERT-BUTYLBENZENE	50	780	780	260	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	1500	780	260		
135-98-8	SEC-BUTYLBENZENE	50	560	780	260	J	
541-73-1	1,3-DICHLOROBENZENE	50	780	780	260	U	
99-87-6	P-ISOPROPYLTOLUENE	50	780	780	260	U	
106-46-7	1,4-DICHLOROBENZENE	50	780	780	260	U	
104-51-8	N-BUTYLBENZENE	50	710	780	260	J	
95-50-1	1,2-DICHLOROBENZENE	50	780	780	260	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1600	1600	520	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	780	780	260	U	
87-68-3	HEXACHLOROBUTADIENE	50	780	780	260	U	
91-20-3	NAPHTHALENE	50	1500	780	260		
87-61-6	1,2,3-TRICHLOROBENZENE	50	780	780	260	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	7580		7720	98	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	8340		7720	108	61 - 134
2037-26-5	TOLUENE-D8	9030		7720	117	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9RR1

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18802

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	750	750	250	U	
74-87-3	CHLOROMETHANE	50	750	750	250	U	
75-01-4	VINYL CHLORIDE	50	750	750	250	U	
74-83-9	BROMOMETHANE	50	750	750	250	U	
75-00-3	CHLOROETHANE	50	750	750	250	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	750	750	250	U	
75-35-4	1,1-DICHLOROETHENE	50	750	750	250	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	750	750	250	U	
67-64-1	ACETONE	50	1700	3000	1000	J,B	
74-88-4	IODOMETHANE	50	750	750	250	U	
75-15-0	CARBON DISULFIDE	50	750	750	250	U	
75-09-2	METHYLENE CHLORIDE	50	750	750	250	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	750	750	250	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	750	750	250	U	
75-34-3	1,1-DICHLOROETHANE	50	750	750	250	U	
108-05-4	VINYL ACETATE	50	3000	3000	500	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	750	750	250	U	
78-93-3	2-BUTANONE	50	3000	3000	1000	U	
74-97-5	BROMOCHLOROMETHANE	50	750	750	250	U	
67-66-3	CHLOROFORM	50	750	750	250	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	750	750	250	U	
594-20-7	2,2-DICHLOROPROPANE	50	750	750	250	U	
56-23-5	CARBON TETRACHLORIDE	50	750	750	250	U	
563-58-6	1,1-DICHLOROPROPENE	50	750	750	250	U	
107-06-2	1,2-DICHLOROETHANE	50	750	750	250	U	
71-43-2	BENZENE	50	750	750	250	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-01
Lab ID:	0703072-9RR1

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18802

79-01-6	TRICHLOROETHENE	50	750	750	250	U	
78-87-5	1,2-DICHLOROPROPANE	50	750	750	250	U	
74-95-3	DIBROMOMETHANE	50	750	750	250	U	
75-27-4	BROMODICHLOROMETHANE	50	750	750	250	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	750	750	250	U	
108-10-1	4-METHYL-2-PENTANONE	50	3000	3000	1000	U	
108-88-3	TOLUENE	50	750	750	250	U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	750	750	250	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	750	750	250	U	
591-78-6	2-HEXANONE	50	3000	3000	1000	U	
127-18-4	TETRACHLOROETHENE	50	750	750	250	U	
142-28-9	1,3-DICHLOROPROPANE	50	750	750	250	U	
124-48-1	DIBROMOCHLOROMETHANE	50	750	750	250	U	
106-93-4	1,2-DIBROMOETHANE	50	750	750	250	U	
544-10-5	1-CHLOROHEXANE	50	750	750	250	U	
108-90-7	CHLOROBENZENE	50	750	750	250	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	750	750	250	U	
100-41-4	ETHYLBENZENE	50	750	750	250	U	
136777-61-2	M+P-XYLENE	50	360	750	250	J	
95-47-6	O-XYLENE	50	750	750	250	U	
100-42-5	STYRENE	50	750	750	250	U	
75-25-2	BROMOFORM	50	750	750	250	U	
98-82-8	ISOPROPYLBENZENE	50	750	750	250	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	750	750	250	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	750	750	250	U	
108-86-1	BROMOBENZENE	50	750	750	250	U	
103-65-1	N-PROPYLBENZENE	50	750	750	250	U	
95-49-8	2-CHLOROTOLUENE	50	750	750	250	U	

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01

Lab ID: 0703072-9RR1

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070315-4

QC Batch ID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18802

108-67-8	1,3,5-TRIMETHYLBENZENE	50	750	750	250	U	
106-43-4	4-CHLOROTOLUENE	50	750	750	250	U	
98-06-6	TERT-BUTYLBENZENE	50	750	750	250	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	690	750	250	J	
135-98-8	SEC-BUTYLBENZENE	50	750	750	250	U	
541-73-1	1,3-DICHLOROBENZENE	50	750	750	250	U	
99-87-6	P-ISOPROPYLTOLUENE	50	750	750	250	U	
106-46-7	1,4-DICHLOROBENZENE	50	750	750	250	U	
104-51-8	N-BUTYLBENZENE	50	300	750	250	J	
95-50-1	1,2-DICHLOROBENZENE	50	750	750	250	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1500	1500	500	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	750	750	250	U	
87-68-3	HEXACHLOROBUTADIENE	50	750	750	250	U	
91-20-3	NAPHTHALENE	50	610	750	250	J	
87-61-6	1,2,3-TRICHLOROBENZENE	50	750	750	250	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	7110		7440	96	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	7910		7440	106	61 - 134
2037-26-5	TOLUENE-D8	8580		7440	115	57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070309-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/09/2007

Prep Method: SW5030C

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43969

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	24.5	5		123	68 - 130%
71-43-2	BENZENE	20	22.9	5		114	81 - 122%
79-01-6	TRICHLOROETHENE	20	23.5	5		117	70 - 127%
108-88-3	TOLUENE	20	20.8	5		104	77 - 122%
108-90-7	CHLOROBENZENE	20	20.3	5		101	81 - 122%

Lab ID: VL070309-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/09/2007

Prep Method: SW5030C

Prep Batch: VL070309-2

QCBatchID: VL070309-2-1

Run ID: VL070309-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43970

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	23.6	5		118	20	4
71-43-2	BENZENE	20	22.6	5		113	20	1
79-01-6	TRICHLOROETHENE	20	23.4	5		117	20	0
108-88-3	TOLUENE	20	20.2	5		101	20	3
108-90-7	CHLOROBENZENE	20	20.3	5		102	20	0

Data Package ID: VL0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

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	89		80		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	50	103		94		79 - 120
2037-26-5	TOLUENE-D8	50	96		85		83 - 120

Data Package ID: VL0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070316-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/16/2007

Date Analyzed: 03/16/2007

Prep Method: SW5030C

Prep Batch: VL070316-2

QC Batch ID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44130

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.02	0.0211	0.005		106	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.02	0.0195	0.005		98	68 - 130%
78-93-3	2-BUTANONE	0.08	0.0781	0.02		98	32 - 150%
67-66-3	CHLOROFORM	0.02	0.0187	0.005		93	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.02	0.0187	0.005		94	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.02	0.0195	0.005		97	69 - 132%
71-43-2	BENZENE	0.02	0.0192	0.005		96	81 - 122%
79-01-6	TRICHLOROETHENE	0.02	0.0189	0.005		94	70 - 127%
127-18-4	TETRACHLOROETHENE	0.02	0.0194	0.005		97	44 - 149%
108-90-7	CHLOROBENZENE	0.02	0.0201	0.005		100	81 - 122%

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070316-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/16/2007

Date Analyzed: 03/16/2007

Prep Method: SW5030C

Prep Batch: VL070316-2

QC Batch ID: VL070316-2-1

Run ID: VL070316-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B44131

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.02	0.0219	0.005		109	20	4
75-35-4	1,1-DICHLOROETHENE	0.02	0.021	0.005		105	20	7
78-93-3	2-BUTANONE	0.08	0.0812	0.02		102	30	4
67-66-3	CHLOROFORM	0.02	0.0198	0.005		99	20	6
56-23-5	CARBON TETRACHLORIDE	0.02	0.0199	0.005		100	20	6
107-06-2	1,2-DICHLOROETHANE	0.02	0.0208	0.005		104	20	6
71-43-2	BENZENE	0.02	0.0205	0.005		102	20	6
79-01-6	TRICHLOROETHENE	0.02	0.0199	0.005		100	20	5
127-18-4	TETRACHLOROETHENE	0.02	0.0195	0.005		97	20	0
108-90-7	CHLOROBENZENE	0.02	0.0205	0.005		103	20	2

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	94		90		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.05	96		99		79 - 120
2037-26-5	TOLUENE-D8	0.05	102		99		83 - 120

Data Package ID: VL0703072-2

Date Printed: Wednesday, March 21, 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: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04	Sample Matrix: LEACHATE	Prep Batch: VL070316-2	Sample Aliquot: 5 ml
LabID: 0703072-25MS	% Moisture: N/A	QCBatchID: VL070316-2-1	Final Volume: 5 ml
LEACH DATE: 3/12/2007	Date Collected: 08-Mar-07	Run ID: VL070316-2A	Result Units: mg/l
	Date Extracted: 16-Mar-07	Cleanup: NONE	File Name: B44148
	Date Analyzed: 16-Mar-07	Basis: As Received	
	Prep Method: SW5030 Rev C		

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	0.0985		0.025	0.1	98	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.025	U	0.104		0.025	0.1	104	68 - 130%
78-93-3	2-BUTANONE	0.1	U	0.408		0.1	0.4	102	32 - 150%
67-66-3	CHLOROFORM	0.025	U	0.0978		0.025	0.1	98	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.025	U	0.0939		0.025	0.1	94	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.025	U	0.109		0.025	0.1	109	69 - 132%
71-43-2	BENZENE	0.025	U	0.103		0.025	0.1	103	81 - 122%
79-01-6	TRICHLOROETHENE	0.025	U	0.0979		0.025	0.1	98	70 - 127%
127-18-4	TETRACHLOROETHENE	0.025	U	0.094		0.025	0.1	94	44 - 149%
108-90-7	CHLOROBENZENE	0.025	U	0.0999		0.025	0.1	100	81 - 122%

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
LabID: 0703072-25MSD

LEACH DATE: 3/12/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 08-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070316-2
QCBatchID: VL070316-2-1
Run ID: VL070316-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
File Name: B44149

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.0999		0.1	100	0.025	20	1
75-35-4	1,1-DICHLOROETHENE	0.103		0.1	103	0.025	20	1
78-93-3	2-BUTANONE	0.409		0.4	102	0.1	30	0
67-66-3	CHLOROFORM	0.0971		0.1	97	0.025	20	1
56-23-5	CARBON TETRACHLORIDE	0.0946		0.1	95	0.025	20	1
107-06-2	1,2-DICHLOROETHANE	0.109		0.1	109	0.025	20	0
71-43-2	BENZENE	0.0999		0.1	100	0.025	20	3
79-01-6	TRICHLOROETHENE	0.0936		0.1	94	0.025	20	4
127-18-4	TETRACHLOROETHENE	0.0939		0.1	94	0.025	20	0
108-90-7	CHLOROBENZENE	0.0988		0.1	99	0.025	20	1

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	96		96		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.25	98		97		79 - 120
2037-26-5	TOLUENE-D8	0.25	100		104		83 - 120

Data Package ID: VL0703072-2

GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070313-4LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/13/2007

Date Analyzed: 03/13/2007

Prep Method: SW5035A MOD

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18728

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	18	5		90	65 - 136%
71-43-2	BENZENE	20	16.9	5		84	73 - 126%
79-01-6	TRICHLOROETHENE	20	17.2	5		86	77 - 124%
108-88-3	TOLUENE	20	17	5		85	71 - 127%
108-90-7	CHLOROBENZENE	20	16.8	5		84	75 - 123%

Lab ID: VL070313-4LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/13/2007

Date Analyzed: 03/13/2007

Prep Method: SW5035A MOD

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18729

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	20.8	5		104	30	14
71-43-2	BENZENE	20	18.6	5		93	30	10
79-01-6	TRICHLOROETHENE	20	18.6	5		93	30	8
108-88-3	TOLUENE	20	18.4	5		92	30	8
108-90-7	CHLOROBENZENE	20	18.4	5		92	30	9

Data Package ID: VL0703072-3

GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	49.4	100		101		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	49.4	107		110		61 - 134
2037-26-5	TOLUENE-D8	49.4	111		110		57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07

LabID: 0703072-7MS

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

File Name: D18752

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	41	U	170		41.1	165	103	65 - 136%
71-43-2	BENZENE	52		214		41.1	165	98	73 - 126%
79-01-6	TRICHLOROETHENE	41	U	290	*	41.1	165	176	77 - 124%
108-88-3	TOLUENE	52		219		41.1	165	101	71 - 127%
108-90-7	CHLOROBENZENE	41	U	119	*	41.1	165	73	75 - 123%

Field ID: CC4B-030707-07

LabID: 0703072-7MSD

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 13-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070313-4

QCBatchID: VL070313-4-1

Run ID: VL070313-4A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

File Name: D18753

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	163		165	99	41.1	30	4
71-43-2	BENZENE	190		165	84	41.1	30	12
79-01-6	TRICHLOROETHENE	275	*	165	167	41.1	30	5
108-88-3	TOLUENE	187		165	82	41.1	30	15
108-90-7	CHLOROBENZENE	134		165	82	41.1	30	12

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	406	139		116		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	406	96		96		61 - 134
2037-26-5	TOLUENE-D8	406	104		107		57 - 135

Data Package ID: VL0703072-3

Date Printed: Wednesday, March 21, 2007

Paragon Analytics
LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: VL070315-4LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/15/2007

Date Analyzed: 03/15/2007

Prep Method: SW5035A MOD

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18795

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	23.8	5		119	65 - 136%
71-43-2	BENZENE	20	21.8	5		109	73 - 126%
79-01-6	TRICHLOROETHENE	20	22	5		110	77 - 124%
108-88-3	TOLUENE	20	22.1	5		110	71 - 127%
108-90-7	CHLOROBENZENE	20	22.1	5		110	75 - 123%

Lab ID: VL070315-4LCSD

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/15/2007

Date Analyzed: 03/15/2007

Prep Method: SW5035A MOD

Prep Batch: VL070315-4

QCBatchID: VL070315-4-1

Run ID: VL070315-7A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: D18796

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	25	5		125	30	5
71-43-2	BENZENE	20	22.6	5		113	30	4
79-01-6	TRICHLOROETHENE	20	22.6	5		113	30	3
108-88-3	TOLUENE	20	22.7	5		113	30	3
108-90-7	CHLOROBENZENE	20	22.3	5		111	30	1

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	49.4	101		102		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	49.4	111		111		61 - 134
2037-26-5	TOLUENE-D8	49.4	117		118		57 - 135

Data Package ID: VL0703072-4

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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Percent Moisture

Method SOP642 Revision 7

Lab Name: Paragon Analytics

Date Extracted: 03/15/2007

Date Analyzed: 03/15/2007

Analyst: Janet M. Martin

Balance ID: 31

Oven ID: 17

In Oven: 3/14/2007 @ 1:55:00 PM

Out of Oven: 3/15/2007 @ 8:15:00 AM

Validated By: tlb

Validation Date: 03/19/2007

Validation Time: 1:12:28 PM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX070314-8A	EX070314-8	EX070314-8-1	0703072-1	SMP	1.237	11.39	6.191	4.95	56.5	43.5	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-2	SMP	1.227	11.49	9.74	8.51	25.9	74.1	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-3	DUP	1.221	11.74	4.907	3.69	68.6	31.4	2
EX070314-8A	EX070314-8	EX070314-8-1	0703072-3	SMP	1.227	10.03	4.492	3.27	67.4	32.6	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-4	SMP	1.241	10.53	4.541	3.30	68.7	31.3	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-5	SMP	1.221	10.04	4.563	3.34	66.7	33.3	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-6	SMP	1.234	10.60	3.974	2.74	74.2	25.8	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-7	SMP	1.224	10.83	3.857	2.63	75.7	24.3	
EX070314-8A	EX070314-8	EX070314-8-1	EX070314-8	MB	1.229	1.229	1.233	0.00	99.7	0.3	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-8	SMP	1.238	10.36	4.551	3.31	68.0	32.0	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-9	SMP	1.223	11.29	4.971	3.75	66.8	33.2	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-10	SMP	1.22	10.6	4.29	3.07	71.0	29.0	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-11	SMP	1.238	11.29	4.075	2.84	74.9	25.1	
EX070314-8A	EX070314-8	EX070314-8-1	0703072-12	DUP	1.233	11.71	4.707	3.47	70.3	29.7	0
EX070314-8A	EX070314-8	EX070314-8-1	0703072-12	SMP	1.225	11.85	4.77	3.55	70.1	29.9	

QC Types

CAR	Carrier reference sample
LCS	Laboratory Control Sample
MB	Method Blank
MSD	Laboratory Matrix Spike Duplicate
SMP	Field Sample

DUP	Laboratory Duplicate
LCSD	Laboratory Control Sample Duplicat
MS	Laboratory Matrix Spike
REP	Sample replicate
SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate

Wet Wt = Sample Wet Wt - Dish Wt

Dry Wt = Sample Dry Wt + Dish Wt

Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt

All weight values shown above are expressed in grams.

$$RPD = \frac{(\text{Sample Value} - \text{Duplicate Value})}{2} \times 100$$

$$\% \text{ Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\% \text{ Moisture} = \frac{(\text{Wet Weight} - \text{Dry Weight})}{\text{Wet Weight}} \times 100$$

QUALITY ASSURANCE SUMMARY SHEET

PAI W.O. #/BATCH ^{m 3/20/07} Initial Calibration (031207S.M)
TEST SW 8260/HPV4 Only
METHOD
SOP/REV (PREP) 525r12
SOP/REV (ANAL)

Briefly document any QA or other problems or deviations associated with the analysis of samples. Problems could result from: log-in, color, odor, dilution, consistency, scheduling, equipment, or instrumentation, or may include documentation of minor deviations necessary due to unique DQO's or sample characteristics.

Calculating the true volume of the ARCHON Autosampler standard loop is achieved by comparing the abundance of manual additions (1ul) of a known concentration to the abundance generated from the ARCHON 1ul addition.

Due to a slight error in calculation, the Internal Standards & Surrogates used for sample analysis were prepared at a concentration of 317.88ppm (corrected 321.98ppm).

The use of Internal Standards for quantitation eliminates any errors in calculating results for target compounds. The differences observed for surrogates (on Form 1's & Raw Data) are due to the above mentioned error in surrogate concentration. It should be noted that the concentrations and percent recoveries on the Form 1's do indeed reflect reality, and the surrogate values on the instrument raw data are slightly in error. All surrogates are within acceptance criteria and client sample data is not affected.

TECHNICIAN/ANALYST Tyler Hyslop

DATE 03/20/07

DEPARTMENT MANAGER [Signature]

DATE 3.20.07

Paragon Analytics

Total Volatile Petroleum Hydrocarbons Case Narrative

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/09/07.
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 0703072-12 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	12MS & 12MSD	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

03-21-07
Date

EX
Reporter's Initials

03-21-07
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
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: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

Gasoline Range Organics

Method SW8015B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: HCG070312-4MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Batch: HCG070312-4

QCBatchID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3713

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	0.453		0.5	91	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-01
Lab ID:	0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QC Batch ID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.17 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3716

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	0.98	0.98	0.079	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.881		0.983	90	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QCBatchID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3717

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	0.67	0.67	0.055	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.601		0.675	89	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03	Sample Matrix: SLUDGE	Prep Batch: HCG070312-4	Sample Aliquot: 1.01 g
Lab ID: 0703072-3	% Moisture: 67.4	QCBatchID: HCG070312-4-1	Final Volume: 5 ml
	Date Collected: 07-Mar-07	Run ID: HCG070312-2A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F2PF3718
	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	1.5	1.5	0.12	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.34		1.52	88	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-04
Lab ID:	0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QC Batch ID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.14g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3719

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	0.25	1.4	0.11	J	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.25		1.4	89	76 - 112

Data Package ID: HCG0703072-1

Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05	Sample Matrix: SLUDGE	Prep Batch: HCG070312-4	Sample Aliquot: 1.11g
Lab ID: 0703072-5	% Moisture: 66.7	QCBatchID: HCG070312-4-1	Final Volume: 5 ml
	Date Collected: 07-Mar-07	Run ID: HCG070312-2A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F2PF3720
	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	0.26	1.4	0.11	J	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.2		1.35	89	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06
Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QC Batch ID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3721

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	8.6	1.9	0.15	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.92		1.9	101	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-07
Lab ID:	0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QCBatchID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04g

Final Volume: 5ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3722

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	54	2	0.16	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.81		1.98	92	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08
Lab ID: 0703072-8

Sample Matrix: SLUDGE
% Moisture: 68.0
Date Collected: 07-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4
QCBatchID: HCG070312-4-1
Run ID: HCG070312-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.01g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3723

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	36	1.5	0.13	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.27		1.55	82	76 - 112

Data Package ID: HCG0703072-1

Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01	Sample Matrix: SLUDGE	Prep Batch: HCG070312-4	Sample Aliquot: 1.07 g
Lab ID: 10703072-9	% Moisture: 66.8	QC Batch ID: HCG070312-4-1	Final Volume: 5 ml
	Date Collected: 08-Mar-07	Run ID: HCG070312-2A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F2PF3724
	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	13	1.4	0.11	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.45		1.41	103	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02	Sample Matrix: SLUDGE	Prep Batch: HCG070312-4	Sample Aliquot: 1 g
Lab ID: 0703072-10	% Moisture: 71.0	QCBatchID: HCG070312-4-1	Final Volume: 5 ml
	Date Collected: 08-Mar-07	Run ID: HCG070312-2A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F2PF3725
	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	1.3	1.7	0.14	J	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.56		1.73	91	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03	Sample Matrix: SLUDGE	Prep Batch: HCG070312-4	Sample Aliquot: 1 g
Lab ID: 0703072-11	% Moisture: 74.9	QC Batch ID: HCG070312-4-1	Final Volume: 5 ml
	Date Collected: 08-Mar-07	Run ID: HCG070312-2A	Result Units: mg/kg
	Date Extracted: 12-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 12-Mar-07	Basis: Dry Weight	File Name: F2PF3727
	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	0.69	2	0.16	J	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.79		1.99	90	76 - 112

Data Package ID: HCG0703072-1

Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04

Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 12-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4

QCBatchID: HCG070312-4-1

Run ID: HCG070312-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.16 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3728

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	3.7	1.4	0.12	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.34		1.44	93	76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: HCG070312-4LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/12/2007
Date Analyzed: 03/12/2007
Prep Method: SW5030B

Prep Batch: HCG070312-4
QCBatchID: HCG070312-4-1
Run ID: HCG070312-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3711

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	4.47	0.5		89	79 - 118%

Lab ID: HCG070312-4LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/12/2007
Date Analyzed: 03/12/2007
Prep Method: SW5030B

Prep Batch: HCG070312-4
QCBatchID: HCG070312-4-1
Run ID: HCG070312-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3712

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	5	4.43	0.5		89	20	1

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.5	92		91		76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics
LIMS Version: 5.493A

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Gasoline Range Organics

Method SW8015B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
LabID: 0703072-12MS

Sample Matrix: SLUDGE
% Moisture: 70.1
Date Collected: 08-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4
QCBatchID: HCG070312-4-1
Run ID: HCG070312-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.01 g
Final Volume: 5 ml
Result Units: mg/kg
File Name: F2PF3729

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	3.7	H	13.7	*	1.66	16.6	60	79 - 118%

Field ID: CC4B-030807-04
LabID: 0703072-12MSD

Sample Matrix: SLUDGE
% Moisture: 70.1
Date Collected: 08-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070312-4
QCBatchID: HCG070312-4-1
Run ID: HCG070312-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.16 g
Final Volume: 5 ml
Result Units: mg/kg
File Name: F2PF3730

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	12.9	*	14.4	63	1.44	40	6

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.66	92		90		76 - 112

Data Package ID: HCG0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

Page 1 of 1

Paragon Analytics

INORGANICS CASE NARRATIVE

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples.
2. The samples were received cool and intact on 03/09/07.
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.
- All initial and continuing calibration verifications (ICV/CCV) associated with each analytical batch were within the acceptance criteria for the requested analytes, with the exception of CCV2 for pH. A Non-Conformance Report (NCR) has been included to document this occurrence.

8. Matrix specific quality control procedures.

Sample 0703072-1 was designated as the quality control sample for the total cyanide, chloride, fluoride, nitrate as N, and sulfate analyses. Samples 0703072-1 and -12 were designated as the quality control samples for the pH and specific conductance analyses.

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, with the following exceptions:

<u>Analyte</u>	<u>Sample ID</u>
Fluoride	0703072-1MS & MSD
Sulfate	0703072-1MS & MSD

The native sample results are flagged for fluoride and sulfate. The laboratory control sample indicates that the procedure was in control.

- Matrix spike recoveries could not be evaluated for the following analyte:

<u>Analyte</u>	<u>Sample ID</u>
Chloride	0703072-1MS & MSD

The chloride concentration in the native sample was 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 this analyte.

- 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 all samples except 0703072-7. 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

3/22/07
Date

mq
Reviewer's Initials

3/22/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

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: SJC Well 2 4165-030

Work Order Number: 0703072

Final Volume: 50 ml

Reporting Basis: Dry Weight

Matrix: SLUDGE

Prep Method: SW9010

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
CC4B-030707-01	0703072-1	03/07/2007	03/14/2007	03/14/2007	56.51	1	1.1	1.1	U	1 g
CC4B-030707-02	0703072-2	03/07/2007	03/14/2007	03/14/2007	25.9	1	0.67	0.67	U	1 g
CC4B-030707-03	0703072-3	03/07/2007	03/14/2007	03/14/2007	67.44	1	1.5	1.5	U	1 g
CC4B-030707-04	0703072-4	03/07/2007	03/14/2007	03/14/2007	68.67	1	1.6	1.6	U	1 g
CC4B-030707-05	0703072-5	03/07/2007	03/14/2007	03/14/2007	66.71	1	1.5	1.5	U	1 g
CC4B-030707-06	0703072-6	03/07/2007	03/14/2007	03/14/2007	74.16	1	1.9	1.9	U	1 g
CC4B-030707-07	0703072-7	03/07/2007	03/14/2007	03/14/2007	75.69	1	2.1	2.1	U	1 g
CC4B-030707-08	0703072-8	03/07/2007	03/14/2007	03/14/2007	68.03	1	1.6	1.6	U	1 g
CC4B-030807-01	0703072-9	03/08/2007	03/14/2007	03/14/2007	66.81	1	1.5	1.5	U	1 g
CC4B-030807-02	0703072-10	03/08/2007	03/14/2007	03/14/2007	71.04	1	1.7	1.7	U	1 g
CC4B-030807-03	0703072-11	03/08/2007	03/14/2007	03/14/2007	74.87	1	2	2	U	1 g
CC4B-030807-04	0703072-12	03/08/2007	03/14/2007	03/14/2007	70.09	1	1.7	1.7	U	1 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: cn0703072-1

Solid pH in water @25 Degrees Celsius

Method SW9045C

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corporation

Client Project ID: SJC Well 2 4165-030

Work Order Number: 0703072

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
CC4B-030707-01	0703072-1	03/07/2007	03/12/2007	03/12/2007	N/A	1	12.62	0.1		20 g
CC4B-030707-02	0703072-2	03/07/2007	03/12/2007	03/12/2007	N/A	1	11.27	0.1		20 g
CC4B-030707-03	0703072-3	03/07/2007	03/12/2007	03/12/2007	N/A	1	11.83	0.1		20 g
CC4B-030707-04	0703072-4	03/07/2007	03/12/2007	03/12/2007	N/A	1	12.81	0.1		20 g
CC4B-030707-05	0703072-5	03/07/2007	03/12/2007	03/12/2007	N/A	1	12.71	0.1		20 g
CC4B-030707-06	0703072-6	03/07/2007	03/12/2007	03/12/2007	N/A	1	13.06	0.1		20 g
CC4B-030707-07	0703072-7	03/07/2007	03/12/2007	03/12/2007	N/A	1	10.98	0.1		20 g
CC4B-030707-08	0703072-8	03/07/2007	03/12/2007	03/12/2007	N/A	1	9.2	0.1		20 g
CC4B-030807-01	0703072-9	03/08/2007	03/12/2007	03/12/2007	N/A	1	8.86	0.1		20 g
CC4B-030807-02	0703072-10	03/08/2007	03/12/2007	03/12/2007	N/A	1	12.92	0.1		20 g
CC4B-030807-03	0703072-11	03/08/2007	03/12/2007	03/12/2007	N/A	1	12.95	0.1		20 g
CC4B-030807-04	0703072-12	03/08/2007	03/12/2007	03/12/2007	N/A	1	12.62	0.1		20 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: ph0703072-1

SPECIFIC CONDUCTIVITY

Method EPA120.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/19/2007	03/20/2007	N/A	1	2240	1		4 g
CC4B-030707-02	0703072-2	03/07/2007	03/19/2007	03/20/2007	N/A	1	1049	1		4 g
CC4B-030707-03	0703072-3	03/07/2007	03/19/2007	03/20/2007	N/A	1	1274	1		4 g
CC4B-030707-04	0703072-4	03/07/2007	03/19/2007	03/20/2007	N/A	1	3640	1		4 g
CC4B-030707-05	0703072-5	03/07/2007	03/19/2007	03/20/2007	N/A	1	2180	1		4 g
CC4B-030707-06	0703072-6	03/07/2007	03/19/2007	03/20/2007	N/A	1	4910	1		4 g
CC4B-030707-07	0703072-7	03/07/2007	03/19/2007	03/20/2007	N/A	1	1040	1		4 g
CC4B-030707-08	0703072-8	03/07/2007	03/19/2007	03/20/2007	N/A	1	1309	1		4 g
CC4B-030807-01	0703072-9	03/08/2007	03/19/2007	03/20/2007	N/A	1	1218	1		4 g
CC4B-030807-02	0703072-10	03/08/2007	03/19/2007	03/20/2007	N/A	1	4010	1		4 g
CC4B-030807-03	0703072-11	03/08/2007	03/19/2007	03/20/2007	N/A	1	4330	1		4 g
CC4B-030807-04	0703072-12	03/08/2007	03/19/2007	03/20/2007	N/A	1	2200	1		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: sc0703072-1

CHLORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/19/2007	03/19/2007	56.51	50	3500	230		4 g
CC4B-030707-02	0703072-2	03/07/2007	03/19/2007	03/19/2007	25.9	20	2200	54		4 g
CC4B-030707-03	0703072-3	03/07/2007	03/19/2007	03/19/2007	67.44	20	4600	120		4 g
CC4B-030707-04	0703072-4	03/07/2007	03/19/2007	03/19/2007	68.67	50	14000	320		4 g
CC4B-030707-05	0703072-5	03/07/2007	03/19/2007	03/19/2007	66.71	50	6100	300		4 g
CC4B-030707-06	0703072-6	03/07/2007	03/19/2007	03/19/2007	74.16	100	6300	770		4 g
CC4B-030707-07	0703072-7	03/07/2007	03/19/2007	03/19/2007	75.69	20	4700	160		4 g
CC4B-030707-08	0703072-8	03/07/2007	03/19/2007	03/19/2007	68.03	20	7800	130		4 g
CC4B-030807-01	0703072-9	03/08/2007	03/19/2007	03/19/2007	66.81	20	6900	120		4 g
CC4B-030807-02	0703072-10	03/08/2007	03/19/2007	03/19/2007	71.04	50	5000	350		4 g
CC4B-030807-03	0703072-11	03/08/2007	03/19/2007	03/19/2007	74.87	50	5100	400		4 g
CC4B-030807-04	0703072-12	03/08/2007	03/19/2007	03/19/2007	70.09	50	6800	330		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *ic0703072-1*

FLUORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/19/2007	03/19/2007	56.51	5	11	11	UN	4 g
CC4B-030707-02	0703072-2	03/07/2007	03/19/2007	03/19/2007	25.9	2	3.5	2.7		4 g
CC4B-030707-03	0703072-3	03/07/2007	03/19/2007	03/19/2007	67.44	2	6.1	6.1	U	4 g
CC4B-030707-04	0703072-4	03/07/2007	03/19/2007	03/19/2007	68.67	5	16	16	U	4 g
CC4B-030707-05	0703072-5	03/07/2007	03/19/2007	03/19/2007	66.71	5	15	15	U	4 g
CC4B-030707-06	0703072-6	03/07/2007	03/19/2007	03/19/2007	74.16	5	19	19	U	4 g
CC4B-030707-07	0703072-7	03/07/2007	03/19/2007	03/19/2007	75.69	1	6.6	4.1		4 g
CC4B-030707-08	0703072-8	03/07/2007	03/19/2007	03/19/2007	68.03	2	6.3	6.3	U	4 g
CC4B-030807-01	0703072-9	03/08/2007	03/19/2007	03/19/2007	66.81	2	6	6	U	4 g
CC4B-030807-02	0703072-10	03/08/2007	03/19/2007	03/19/2007	71.04	5	17	17	U	4 g
CC4B-030807-03	0703072-11	03/08/2007	03/19/2007	03/19/2007	74.87	5	20	20	U	4 g
CC4B-030807-04	0703072-12	03/08/2007	03/19/2007	03/19/2007	70.09	2	6.8	6.7		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: ic0703072-1

NITRATE AS N

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/19/2007	03/19/2007	56.51	5	23	23	U	4 g
CC4B-030707-02	0703072-2	03/07/2007	03/19/2007	03/19/2007	25.9	2	5.4	5.4	U	4 g
CC4B-030707-03	0703072-3	03/07/2007	03/19/2007	03/19/2007	67.44	2	12	12	U	4 g
CC4B-030707-04	0703072-4	03/07/2007	03/19/2007	03/19/2007	68.67	5	32	32	U	4 g
CC4B-030707-05	0703072-5	03/07/2007	03/19/2007	03/19/2007	66.71	5	30	30	U	4 g
CC4B-030707-06	0703072-6	03/07/2007	03/19/2007	03/19/2007	74.16	5	39	39	U	4 g
CC4B-030707-07	0703072-7	03/07/2007	03/19/2007	03/19/2007	75.69	1	8.2	8.2	U	4 g
CC4B-030707-08	0703072-8	03/07/2007	03/19/2007	03/19/2007	68.03	2	13	13	U	4 g
CC4B-030807-01	0703072-9	03/08/2007	03/19/2007	03/19/2007	66.81	2	12	12	U	4 g
CC4B-030807-02	0703072-10	03/08/2007	03/19/2007	03/19/2007	71.04	5	35	35	U	4 g
CC4B-030807-03	0703072-11	03/08/2007	03/19/2007	03/19/2007	74.87	5	40	40	U	4 g
CC4B-030807-04	0703072-12	03/08/2007	03/19/2007	03/19/2007	70.09	2	13	13	U	4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: ic0703072-1

SULFATE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/19/2007	03/19/2007	56.51	5	970	110	N	4 g
CC4B-030707-02	0703072-2	03/07/2007	03/19/2007	03/19/2007	25.9	2	1400	27		4 g
CC4B-030707-03	0703072-3	03/07/2007	03/19/2007	03/19/2007	67.44	2	4000	61		4 g
CC4B-030707-04	0703072-4	03/07/2007	03/19/2007	03/19/2007	68.67	5	1200	160		4 g
CC4B-030707-05	0703072-5	03/07/2007	03/19/2007	03/19/2007	66.71	5	2500	150		4 g
CC4B-030707-06	0703072-6	03/07/2007	03/19/2007	03/19/2007	74.16	5	720	190		4 g
CC4B-030707-07	0703072-7	03/07/2007	03/19/2007	03/19/2007	75.69	20	7000	820		4 g
CC4B-030707-08	0703072-8	03/07/2007	03/19/2007	03/19/2007	68.03	2	3000	63		4 g
CC4B-030807-01	0703072-9	03/08/2007	03/19/2007	03/19/2007	66.81	2	3100	60		4 g
CC4B-030807-02	0703072-10	03/08/2007	03/19/2007	03/19/2007	71.04	5	760	170		4 g
CC4B-030807-03	0703072-11	03/08/2007	03/19/2007	03/19/2007	74.87	5	630	200		4 g
CC4B-030807-04	0703072-12	03/08/2007	03/19/2007	03/19/2007	70.09	2	1600	67		4 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: ic0703072-1

Total Cyanide

Method SW9014

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: CN070314-1MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 14-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW9010

Prep Batch: CN070314-1

QCBatchID: CN070314-1-1

Run ID: cn070314-1a

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: cn0703072-1

Total Cyanide

Method SW9014

Laboratory Control Sample

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: CN070314-1LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/14/2007

Date Analyzed: 03/14/2007

Prep Method: SW9010

Prep Batch: CN070314-1

QC Batch ID: CN070314-1-1

Run ID: cn070314-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1g

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	19.5	0.5		97	85 - 115%

Data Package ID: cn0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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Total Cyanide

Method SW9014

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
LabID: 0703072-1MS

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW9010

Prep Batch: CN070314-1

QCBatchID: CN070314-1-1

Run ID: cn070314-1a

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	1.1	U	11.6		1.15	11.5	101	75 - 125%

Field ID: CC4B-030707-01
LabID: 0703072-1MSD

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW9010

Prep Batch: CN070314-1

QCBatchID: CN070314-1-1

Run ID: cn070314-1a

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	10.8		11.5	94	1.15	30	7

Data Package ID: cn0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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pH
Method SW9045
Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
Lab ID: 0703072-1D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/07/2007

Date Extracted: 03/12/2007

Date Analyzed: 03/12/2007

Prep Batch: PH070312-1

QCBatchID: PH070312-1-1

Run ID: ph070312-1a

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	12.62		12.6		0.1	1		0.5

Data Package ID: *ph0703072-1*

Date Printed: Thursday, March 22, 2007

Paragon Analytics

LIMS Version: 5.495A

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pH
Method SW9045
Duplicate Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-12D

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 03/08/2007
Date Extracted: 03/12/2007
Date Analyzed: 03/12/2007

Prep Batch: PH070312-1
QCBatchID: PH070312-1-1
Run ID: ph070312-1a
Cleanup: NONE
Basis: As Received

Sample Aliquot: 20g
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	12.62		12.81		0.1	1		0.5

Data Package ID: *ph0703072-1*

Specific Conductance in Water

Method EPA120.1

Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-01
Lab ID:	0703072-1D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/07/2007

Date Extracted: 03/19/2007

Date Analyzed: 03/20/2007

Prep Batch: WC070319-1

QC Batch ID: WC070319-1-2

Run ID: sc070320-1a

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	2240		2210		1	1	1	10

Data Package ID: sc0703072-1

Date Printed: Thursday, March 22, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-04
Lab ID:	0703072-12D

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: 03/08/2007

Date Extracted: 03/19/2007

Date Analyzed: 03/20/2007

Prep Batch: WC070319-1

QC Batch ID: WC070319-1-2

Run ID: sc070320-1a

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	2200		2110		1	1	4	10

Data Package ID: sc0703072-1

Date Printed: Thursday, March 22, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: WC070319-1MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 19-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: METHOD

Prep Batch: WC070319-1

QCBatchID: WC070319-1-1

Run ID: ic070319-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70319_013.

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: ic0703072-1

Date Printed: Thursday, March 22, 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: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: WC070319-1LCS

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: WC070319-1

QCBatchID: WC070319-1-1

Run ID: ic070319-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70319_014

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
16984-48-8	FLUORIDE	50	53.3	1		107	85 - 115%
16887-00-6	CHLORIDE	100	99.5	2		100	85 - 115%
14797-55-8	NITRATE AS N	100	98.2	2		98	85 - 115%
14808-79-8	SULFATE	500	498	10		100	85 - 115%

Data Package ID: ic0703072-1

Date Printed: Thursday, March 22, 2007

Paragon Analytics

LIMS Version: 5.495A

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Ion Chromatography

Method EPA300.0 Revision 2.1

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
 LabID: 0703072-1MS

Sample Matrix: SLUDGE
 % Moisture: 56.5
 Date Collected: 07-Mar-07
 Date Extracted: 19-Mar-07
 Date Analyzed: 19-Mar-07
 Prep Method: METHOD

Prep Batch: WC070319-1
 QCBatchID: WC070319-1-1
 Run ID: ic070319-1a
 Cleanup: NONE
 Basis: Dry Weight

Sample Aliquot: 4 g
 Final Volume: 40 ml
 Result Units: mg/kg
 File Name: 70319_032.DXD

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
16984-48-8	FLUORIDE	11	U	31.5	N	11.5	46	69	85 - 115%
14797-55-8	NITRATE AS N	23	U	100		23	115	87	85 - 115%
14808-79-8	SULFATE	970		1220	N	115	460	55	85 - 115%

Field ID: CC4B-030707-01
 LabID: 0703072-1MSD

Sample Matrix: SLUDGE
 % Moisture: 56.5
 Date Collected: 07-Mar-07
 Date Extracted: 19-Mar-07
 Date Analyzed: 19-Mar-07
 Prep Method: METHOD

Prep Batch: WC070319-1
 QCBatchID: WC070319-1-1
 Run ID: ic070319-1a
 Cleanup: NONE
 Basis: Dry Weight

Sample Aliquot: 4 g
 Final Volume: 40 ml
 Result Units: mg/kg
 File Name: 70319_035.DXD

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
16984-48-8	FLUORIDE	28.7	N	46	62	11.5	30	9
14797-55-8	NITRATE AS N	98.4		115	86	23	30	2
14808-79-8	SULFATE	1130	N	460	34	115	30	8

Data Package ID: ic0703072-1

NCR # 008591

CONTROLLED

Paragon Analytics

NON-CONFORMANCE REPORT

Initiated by SBM Date 3-13-07 Method/Procedure 9040B/9045 C
Reason: ☒ Non-Conformance Work Orders Affected 0703072, 0703071
☐ Client Inquiry Batches Affected (optional) _____
☐ Other Clients _____

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: Ending CCV reading (7.16) was outside acceptance range of 7.00 ± 0.19 . Electrode was adversely affected by previous samples in the analytical sequence. All bracketed samples gave readings either above or below the calibration range.

Actions to Prevent Recurrence (Retrain, etc.): * client samples highly alkaline; retest yielded similar results; PAR standard was not standardized at 7.00 with pH 4 and pH 10 checks. Will add 12.45 pH check for this client's samples in the future.

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: SW DPM DJ PM

SECTION IV REQUEST FOR REWORK

Initial Batch ID: _____ Date: _____
Reworked Batch ID: _____ Date: _____
Outcome: 3/14/07

Approved by: _____
Matrix Effect or Elevated / Sample Activity Suspected? (circle applicable)

SECTION V DISPOSITION

Follow
☒ Use as is ☐ Repair ☐ Reject

SECTION VI COMMENTS

SECTION VII APPROVAL SIGNATURES

Project Manager (PM) Debbie Frio Date 3/14/07
Department Manager (DPM) Steve Workman Date 3/13/07 (Verification of Disposition)
QA Manager Al Shurt Date 3/14/07

SECTION VIII DISTRIBUTION DJ PM SW Dept. Manager KK Lab Director ☒ Rpt. Group or ☐ Rad

Paragon Analytics

TOTAL METALS CASE NARRATIVE

S.M. Stoller Corp.

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of results for the major cations (calcium, magnesium, potassium, and sodium) on 12 solid samples. The samples had been analyzed previously for other elements. Raw data acquired when the samples were originally analyzed also included concentrations for the major cations. Laboratory control samples and matrix spike samples for the major cations were included in the preparation batch since some samples (from other clients) required the determination of these elements. Dilutions were not made to bring high concentrations of the major cations into the analytical range because these elements were not requested analytes when the samples were analyzed. In this report when a major cation exceeds the analytical range the result is reported with a 'H' flag.
2. The samples were received cool and intact on 03/13/07.
3. The samples were prepared for analysis based on SW-846, 3rd Edition procedures. For analysis by Trace ICP, the samples were digested following method 3050B and PA SOP 806 Rev. 12.
4. The samples were analyzed following SW-846, 3rd Edition procedures. Analysis by Trace ICP followed method 6010B and PA SOP 834 Rev. 6.

The relationship between intensity and concentration for each element is established using at least four standards, one of which is a blank solution.

During sample analysis concentrations are computed by the software and the results are printed in mg/L. The instrument software does not provide a printout which gives both intensity and concentration. The validity of the calibration equation is tested by analyzing the following solutions: a blank, a low level check solution with concentrations near the reporting limit, an Initial Calibration Verification (ICV) standard from a 2nd source standard solution with concentrations near the middle of the analytical range, a Continuing Calibration Verification (CCV) standard with concentrations at two times those in the ICV, and a readback of the highest calibration standard.

These solutions provide verification that the calibration equations are functioning properly throughout the analytical range of the instrument. During sample analysis dilutions are made for analytes found at concentrations above the highest calibration standard. No results are taken from extrapolations beyond the highest standard.

5. All standards and solutions are NIST traceable and were used within their recommended shelf life.
6. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

7. General quality control procedures.
 - A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in this digestion batch. There were not more than 20 samples in the digestion batch.
 - The preparation (method) blank associated with this digestion batch was below the practical quantitation limit for each requested analyte.
 - The laboratory control samples associated with this digestion batch were within the acceptance limits. This indicates complete digestion according to the method.
 - All initial and continuing calibration blanks associated with this analytical batch were below the practical quantitation limits for the requested analytes.
 - All initial and continuing calibration verifications associated with this analytical batch were within the acceptance criteria for the requested analytes. This indicates a valid calibration and stable instrument conditions.
 - The interference check samples and high standard readbacks associated with Method 6010B analyses were within acceptance criteria.
8. Matrix specific quality control procedures.

Sample 0703089-5 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 digested and analyzed with this batch. All acceptance criteria for accuracy were met.
- Matrix spike recoveries could not be evaluated for the following analyte:

<u>Analyte</u>	<u>Sample ID</u>
Calcium	0703089-5

The concentration of this analyte in the native sample was greater than four times the concentration of matrix spike added during the digestion. When sample concentration is that much greater than the spike added, spike

recoveries may not be accurate. The laboratory control samples indicate that the digestion and analysis were in control.

- A sample duplicate and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for precision were met.
- A serial dilution was analyzed with the ICP batch. All acceptance 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.

Rhonda Miller
Rhonda Miller
Data Reporting Specialist

4/27/07
Date

SW
Reviewer's Initials

4/27/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703089

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 3

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
PP1G-030907-01	0703089-1		SLUDGE	09-Mar-07	11:30
PP1G-030907-02	0703089-2		SLUDGE	09-Mar-07	11:54
PP1G-030907-03	0703089-3		SLUDGE	09-Mar-07	11:59
PP1G-030907-04	0703089-4		SLUDGE	09-Mar-07	12:27
PP1G-030907-05	0703089-5		SLUDGE	09-Mar-07	12:57
PP1G-030907-06	0703089-6		SLUDGE	09-Mar-07	13:24
PP1G-030907-07	0703089-7		SLUDGE	09-Mar-07	13:45
PP1G-030907-08	0703089-8		SLUDGE	09-Mar-07	14:32
PP1G-030907-09	0703089-9		SLUDGE	09-Mar-07	14:50
PP1G-030907-10	0703089-10		SLUDGE	09-Mar-07	15:13
PP1G-030907-11	0703089-11		SLUDGE	09-Mar-07	15:29
PP1G-030907-12	0703089-12		SLUDGE	09-Mar-07	15:45
PP1G-030907-13	0703089-13		WATER	09-Mar-07	16:30
PP1G-030907-01	0703089-14		LEACHAT	09-Mar-07	11:30
PP1G-030907-02	0703089-15		LEACHAT	09-Mar-07	11:54
PP1G-030907-03	0703089-16		LEACHAT	09-Mar-07	11:59
PP1G-030907-04	0703089-17		LEACHAT	09-Mar-07	12:27
PP1G-030907-05	0703089-18		LEACHAT	09-Mar-07	12:57
PP1G-030907-06	0703089-19		LEACHAT	09-Mar-07	13:24
PP1G-030907-07	0703089-20		LEACHAT	09-Mar-07	13:45
PP1G-030907-08	0703089-21		LEACHAT	09-Mar-07	14:32
PP1G-030907-09	0703089-22		LEACHAT	09-Mar-07	14:50
PP1G-030907-10	0703089-23		LEACHAT	09-Mar-07	15:13
PP1G-030907-11	0703089-24		LEACHAT	09-Mar-07	15:29
PP1G-030907-12	0703089-25		LEACHAT	09-Mar-07	15:45

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A “B” is entered if the reported value was obtained from a reading that was less than the Practical Quantitation Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a “U” is entered.
- QC qualifier -- Specified entries and their meanings are as follows:
 - E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
 - M - Duplicate injection precision was not met.
 - N - Spiked sample recovery not within control limits. A post spike is analyzed for all 6010B analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
 - Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
 - * - Duplicate analysis (relative percent difference) not within control limits.
 - H - Analyte concentration exceeds analytical range. The reported value is estimated.

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-01
Lab ID: 0703089-1

Sample Matrix: SLUDGE

% Moisture: 79.6

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	27000	490	2.2		
7439-95-4	MAGNESIUM	1	7600	490	1.7		
7440-09-7	POTASSIUM	1	4400	490	6.1		
7440-23-5	SODIUM	1	9500	490	0.86		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID:	PP1G-030907-02
Lab ID:	0703089-2

Sample Matrix: SLUDGE

% Moisture: 81.2

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.03g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	43000	520	2.3		
7439-95-4	MAGNESIUM	1	4700	520	1.8		
7440-09-7	POTASSIUM	1	4500	520	6.5		
7440-23-5	SODIUM	1	7200	520	0.91		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-03
Lab ID: 0703089-3

Sample Matrix: SLUDGE

% Moisture: 82.3

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	47000	550	2.5		
7439-95-4	MAGNESIUM	1	5100	550	1.9		
7440-09-7	POTASSIUM	1	4800	550	7		
7440-23-5	SODIUM	1	7600	550	0.98		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-04
Lab ID: 0703089-4

Sample Matrix: SLUDGE

% Moisture: 59.1

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.03 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	32000	240	1.1		
7439-95-4	MAGNESIUM	1	4400	240	0.83		
7440-09-7	POTASSIUM	1	3700	240	3		
7440-23-5	SODIUM	1	3800	240	0.42		

Data Package ID: it0703089-3

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-05
Lab ID: 0703089-5

Sample Matrix: SLUDGE

% Moisture: 60.5

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	42000	250	1.1		
7439-95-4	MAGNESIUM	1	4900	250	0.88		
7440-09-7	POTASSIUM	1	3300	250	3.2		
7440-23-5	SODIUM	1	3300	250	0.44		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-06
Lab ID: 0703089-6

Sample Matrix: SLUDGE

% Moisture: 46.8

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	24000	170	0.77		
7439-95-4	MAGNESIUM	1	7100	170	0.61		
7440-09-7	POTASSIUM	1	2500	170	2.2		
7440-23-5	SODIUM	1	2400	170	0.31		

Data Package ID: it0703089-3

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-07
Lab ID: 0703089-7

Sample Matrix: SLUDGE

% Moisture: 78.4

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01g

Final Volume: 100ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	45000	460	2		
7439-95-4	MAGNESIUM	1	6200	460	1.6		
7440-09-7	POTASSIUM	1	5400	460	5.8		
7440-23-5	SODIUM	1	6900	460	0.81		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-08
Lab ID: 0703089-8

Sample Matrix: SLUDGE

% Moisture: 81.2

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	44000	530	2.3		
7439-95-4	MAGNESIUM	1	7000	530	1.9		
7440-09-7	POTASSIUM	1	5700	530	6.6		
7440-23-5	SODIUM	1	8600	530	0.93		

Data Package ID: it0703089-3

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-09

Lab ID: 0703089-9

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QC Batch ID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	27000	380	1.7		
7439-95-4	MAGNESIUM	1	7500	380	1.3		
7440-09-7	POTASSIUM	1	4900	380	4.8		
7440-23-5	SODIUM	1	6900	380	0.68		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-10
Lab ID: 0703089-10

Sample Matrix: SLUDGE

% Moisture: 73.7

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	49000	350	1.6		
7439-95-4	MAGNESIUM	1	4400	350	1.2		
7440-09-7	POTASSIUM	1	6100	350	4.4		
7440-23-5	SODIUM	1	4800	350	0.62		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-11
Lab ID: 0703089-11

Sample Matrix: SLUDGE

% Moisture: 81.6

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QC Batch ID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	52000	540	2.4		
7439-95-4	MAGNESIUM	1	3900	540	1.9		
7440-09-7	POTASSIUM	1	5400	540	6.8		
7440-23-5	SODIUM	1	7400	540	0.95		

Data Package ID: it0703089-3

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-12
Lab ID: 0703089-12

Sample Matrix: SLUDGE

% Moisture: 77.3

Date Collected: 09-Mar-07

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.05 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	26000	420	1.9		
7439-95-4	MAGNESIUM	1	7000	420	1.5		
7440-09-7	POTASSIUM	1	4200	420	5.3		
7440-23-5	SODIUM	1	7200	420	0.74		

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

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ICP Metals

Method SW6010B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Lab ID: IP070316-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 16-Mar-07

Date Analyzed: 19-Mar-07

Prep Batch: IP070316-2

QCBatchID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-70-2	CALCIUM	1	-2.1	100	0.44	B	
7439-95-4	MAGNESIUM	1	100	100	0.35	U	
7440-09-7	POTASSIUM	1	19	100	1.3	B	
7440-23-5	SODIUM	1	19	100	0.18	B	

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

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ICP Metals

Method SW6010B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703089

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 3 4165-030

Lab ID: IP070316-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/16/2007

Date Analyzed: 03/19/2007

Prep Method: SW3050B

Prep Batch: IP070316-2

QC Batch ID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-70-2	CALCIUM	4000	3880	100		97	80 - 120%
7439-95-4	MAGNESIUM	4000	3860	100		96	80 - 120%
7440-09-7	POTASSIUM	4000	3750	100		94	80 - 120%
7440-23-5	SODIUM	4000	3740	100		93	80 - 120%

Lab ID: IP070316-2LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/16/2007

Date Analyzed: 03/19/2007

Prep Method: SW3050B

Prep Batch: IP070316-2

QC Batch ID: IP070316-2-3

Run ID: it070319-2a6

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070319A.

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-70-2	CALCIUM	4000	3890	100		97	20	0
7439-95-4	MAGNESIUM	4000	3850	100		96	20	0
7440-09-7	POTASSIUM	4000	3750	100		94	20	0
7440-23-5	SODIUM	4000	3730	100		93	20	0

Data Package ID: it0703089-3

Date Printed: Thursday, April 26, 2007

Paragon Analytics

LIMS Version: 6.008A

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703089
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-05
LabID: 0703089-5MS

Sample Matrix: SLUDGE
% Moisture: 60.5
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 19-Mar-07
Prep Method: SW3050 Rev B

Prep Batch: IP070316-2
QCBatchID: IP070316-2-3
Run ID: it070319-2a6
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 070319A.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-70-2	CALCIUM	42000		48600		251	10000	70	80 - 120%
7439-95-4	MAGNESIUM	4900		14400		251	10000	94	80 - 120%
7440-09-7	POTASSIUM	3300		13200		251	10000	98	80 - 120%
7440-23-5	SODIUM	3300		13100		251	10000	98	80 - 120%

Field ID: PP1G-030907-05
LabID: 0703089-5MSD

Sample Matrix: SLUDGE
% Moisture: 60.5
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 19-Mar-07
Prep Method: SW3050 Rev B

Prep Batch: IP070316-2
QCBatchID: IP070316-2-3
Run ID: it070319-2a6
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 070319A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-70-2	CALCIUM	51900		10100	102	253	20	7
7439-95-4	MAGNESIUM	14600		10100	96	253	20	2
7440-09-7	POTASSIUM	13300		10100	98	253	20	1
7440-23-5	SODIUM	13200		10100	98	253	20	0

Data Package ID: it0703089-3

Paragon Analytics

METALS CASE NARRATIVE

S.M. Stoller Corp.

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 TCLP samples and 12 sludge samples.
2. The samples were received cool and intact on 03/09/07.
3. The samples were prepared for analysis based on SW-846, 3rd Edition procedures.

The TCLP samples were processed through the TCLP leaching procedure based on method 1311. The leachates were then digested at a ten- fold dilution.

For analysis by Trace ICP and ICP-MS, the leachates were digested following method 3010A and PA SOP 806 Rev. 12. The sludge samples were digested following method 3050B and PA SOP 806 Rev. 12.

For analysis by Cold Vapor AA (CVAA), the leachates were digested following method 7470A and PA SOP 812 Rev. 13. The sludge samples were digested following method 7471A and PA SOP 812 Rev. 13.

4. The samples were analyzed following SW-846, 3rd Edition procedures.

Analysis by Trace ICP followed method 6010B and PA SOP 834 Rev. 6. The analysis of silver was done by Trace ICP.

The relationship between intensity and concentration for each element is established using at least four standards, one of which is a blank solution.

During sample analysis concentrations are computed by the software and the results are printed in mg/L. The instrument software does not provide a printout that gives both intensity and concentration. The validity of the calibration equation is tested by analyzing the following solutions: a blank, a low level check solution with concentrations near the reporting limit, an Initial Calibration Verification (ICV) standard from a 2nd source standard solution with concentrations near the middle of the analytical range, a Continuing Calibration Verification (CCV) standard with concentrations at two times those in the ICV, and a readback of the highest calibration standard.

These solutions provide verification that the calibration equations are functioning properly throughout the analytical range of the instrument. During sample analysis dilutions are made for analytes found at concentrations above the highest calibration standard. No results are taken from extrapolations beyond the highest standard.

Analysis by ICP-MS followed method 6020A and PA SOP 827 Rev. 5.

The relationship between intensity and concentration for each element is established using at least four standards, one of which is a blank solution. A calibration equation relating instrument response to concentration is developed by the instrument software. The equation is a higher order polynomial. This type of equation is used to improve quantitation accuracy at lower concentrations where the relationship between concentration and instrument response is non-linear.

During sample analysis concentrations are computed by the software and the results are printed in ug/L. The validity of the calibration equation is tested by analyzing the following solutions: a blank, a low level check solution with concentrations near the reporting limit, an Initial Calibration Verification (ICV) standard from a 2nd source standard solution with concentrations near the middle of the analytical range, a Continuing Calibration Verification (CCV) standard with concentrations near the middle of the analytical range but different than those in the ICV, and a readback of the highest calibration standard.

These solutions provide verification that the calibration equations are functioning properly throughout the analytical range of the instrument. During sample analysis dilutions are made for analytes found at concentrations above the highest calibration standard. No results are taken from extrapolations beyond the highest standard.

Leachate analysis by CVAA followed method 7470A and PA SOP 812 Rev. 12.
Sludge analysis by CVAA followed method 7471A and PA SOP 812 Rev. 12.

The relationship between intensity and concentration is determined daily, prior to sample analysis. At least five standards and a blank solution are analyzed to establish the calibration curve. The instrument software performs a linear regression to fit the calibration data to a curve of the form:

$$\text{conc.} = B * I + C$$

where: conc. = concentration

B = slope coefficient

I = intensity

C = intercept coefficient

A printout summarizing the calibration data supplies the calibration curve and correlation coefficient. During sample analysis both intensity and

concentration values are printed. Dilutions are made for concentrations above the highest calibration standard. No results are taken from extrapolations above the highest standard.

5. All standards and solutions are NIST traceable and were used within their recommended shelf life.
6. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

7. General quality control procedures.
 - A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in each digestion batch. There were not more than 20 samples in each digestion batch.
 - The preparation (method) blank associated with each digestion batch was below the practical quantitation limit for each requested analyte.
 - The laboratory control samples associated with each digestion batch were within the acceptance limits. This indicates complete digestion according to the method.
 - All initial and continuing calibration blanks associated with each analytical batch were below the reporting limits for the requested analytes. This indicates a valid calibration and stable instrument conditions.
 - All initial and continuing calibration verifications associated with each analytical batch were within the acceptance criteria for the requested analytes, with the exception of CCV#3 for barium. The samples that bracket this CCV were not analyzed for barium, so no further action was taken.
 - The high standard readbacks associated with Method 6010B and 6020A analyses were within acceptance criteria.
 - The interference check samples associated with Method 6010B analyses were within acceptance criteria.
 - The interference check samples associated with Method 6020A were analyzed.

8. Matrix specific quality control procedures.

Samples 0703072-15 and -17 were designated as the quality control samples for the leachate Trace ICP analyses. Samples 0703072-14 and -24 were designated as the quality control samples for the leachate mercury analyses. Sample 0703072-3 was designated as the quality control sample for the sludge Trace ICP and ICP-MS analyses. Sample 0703072-5 was designated as the quality control sample for the sludge mercury analyses.

- A matrix spike and matrix spike duplicate were digested and analyzed with each batch. All acceptance criteria for accuracy were met.

- Matrix spike recoveries could not be evaluated for the following analytes:

	<u>Analyte</u>	<u>Sample ID</u>
Sludge:	Barium	0703072-3
	Iron	0703072-3

The concentration of these analytes in the native sample was greater than four times the concentration of matrix spike added during the digestion. When sample concentration is that much greater than the spike added, spike recoveries may not be accurate. The laboratory control samples indicate that the digestion and analysis were in control.

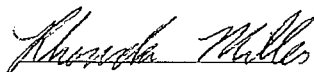
- A sample duplicate and matrix spike duplicate were digested and analyzed with each batch. All acceptance criteria for precision were met
- A serial dilution was analyzed with each ICP batch. All acceptance criteria were met, with the following exceptions:

	<u>Analyte</u>	<u>Sample ID</u>
Leachate:	Barium	0703072-15L
Sludge:	Zinc	0703072-3L

The native sample results are flagged for serial dilution failure.

- Samples 0703072-1, -3, -4, -5, -6, -7, -8, -9, -11, and -12 required dilutions to bring barium into the analytical range of the Trace ICP. It is a standard PA practice that samples for ICP-MS are analyzed at a dilution.

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.


Rhonda Miller
Data Reporting Specialist

3/21/07
Date

REM
Reviewer's Initials

3/21/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703072

Client Name: S.M. Stoller Corporation.

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

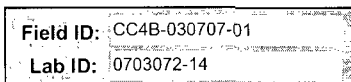
- Result qualifier -- A “B” is entered if the reported value was obtained from a reading that was less than the Practical Quantitation Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a “U” is entered.
- QC qualifier -- Specified entries and their meanings are as follows:
 - E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
 - M - Duplicate injection precision was not met.
 - N - Spiked sample recovery not within control limits. A post spike is analyzed for all 6010B and 6020A analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
 - Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
 - * - Duplicate analysis (relative percent difference) not within control limits.

TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030



LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070315-1
QCBatchID: IP070315-1-1
Run ID: it070316-1a3
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
Clean DF: 1
File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.46	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.045	0.05	0.039	B	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-15

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.47	1	0.00085	B	E
7440-43-9	CADMUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.72	0.03	0.019		
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-03
Lab ID:	0703072-16

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.69	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.33	0.03	0.019		
7782-49-2	SELENIUM	1	0.055	0.05	0.039		
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
Lab ID: 0703072-17

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070314-1

QC Batch ID: IP070314-1-1

Run ID: it070315-1a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: t70315a.

LEACH DATE: 3/13/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.88	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-18

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.47	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.037	0.03	0.019		
7782-49-2	SELENIUM	1	0.047	0.05	0.039	B	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-06
Lab ID:	0703072-19

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 14-Mar-07

Date Analyzed: 15-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070314-1

QCBatchID: IP070314-1-1

Run ID: it070315-1a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70315a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.94	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.068	0.03	0.019		
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
Lab ID: 0703072-20

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 07-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.47	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.013	0.1	0.0062	B	
7439-92-1	LEAD	1	0.082	0.03	0.019		
7782-49-2	SELENIUM	1	0.044	0.05	0.039	B	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08	Sample Matrix: LEACHATE	Prep Batch: IP070315-1	Sample Aliquot: 5g
Lab ID: 0703072-21	% Moisture: N/A	QCBatchID: IP070315-1-1	Final Volume: 50g
LEACH DATE: 3/14/2007	Date Collected: 07-Mar-07	Run ID: it070316-1a3	Result Units: mg/l
	Date Extracted: 15-Mar-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 16-Mar-07	Basis: As Received	File Name: t70316a.
	Prep Method: SW3010 Rev A		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	1.4	1	0.00085		
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.095	0.03	0.019		
7782-49-2	SELENIUM	1	0.052	0.05	0.039		
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01

Lab ID: 0703072-22

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	1.3	1	0.00085		
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.048	0.03	0.019		
7782-49-2	SELENIUM	1	0.062	0.05	0.039		
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0703072
 Client Name: S.M. Stoller Corporation
 ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02
 Lab ID: 0703072-23

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 08-Mar-07
 Date Extracted: 14-Mar-07
 Date Analyzed: 15-Mar-07
 Prep Method: SW3010 Rev A

Prep Batch: IP070314-1
 QCBatchID: IP070314-1-1
 Run ID: it070315-1a2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 g
 Final Volume: 50 g
 Result Units: mg/l
 Clean DF: 1
 File Name: t70315a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.97	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03
Lab ID: 0703072-24

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 08-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070314-1
QCBatchID: IP070314-1-1
Run ID: it070315-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
Clean DF: 1
File Name: t70315a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	1.1	1	0.00085		
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics
LIMS Version: 5.493A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-25

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 08-Mar-07

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.51	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.04	0.05	0.039	B	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics
LIMS Version: 5.493A

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TCLP MERCURY

Method SW7470

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
Reporting Basis: As Received

Final Volume: 20 g
Matrix: LEACHATE
Result Units: mg/l

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	MDL	Flag	Sample Aliquot
CC4B-030707-01	0703072-14	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00019	0.002	0.000049	B	2 g
CC4B-030707-02	0703072-15	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00018	0.002	0.000049	B	2 g
CC4B-030707-03	0703072-16	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00021	0.002	0.000049	B	2 g
CC4B-030707-04	0703072-17	3/7/2007	3/14/2007	03/15/2007	N/A	1	0.00012	0.002	0.000049	B	2 g
CC4B-030707-05	0703072-18	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00022	0.002	0.000049	B	2 g
CC4B-030707-06	0703072-19	3/7/2007	3/14/2007	03/15/2007	N/A	1	0.00017	0.002	0.000049	B	2 g
CC4B-030707-07	0703072-20	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00024	0.002	0.000049	B	2 g
CC4B-030707-08	0703072-21	3/7/2007	3/15/2007	03/16/2007	N/A	1	0.00023	0.002	0.000049	B	2 g
CC4B-030807-01	0703072-22	3/8/2007	3/15/2007	03/16/2007	N/A	1	0.00022	0.002	0.000049	B	2 g
CC4B-030807-02	0703072-23	3/8/2007	3/14/2007	03/15/2007	N/A	1	0.00017	0.002	0.000049	B	2 g
CC4B-030807-03	0703072-24	3/8/2007	3/14/2007	03/15/2007	N/A	1	0.00022	0.002	0.000049	B	2 g
CC4B-030807-04	0703072-25	3/8/2007	3/15/2007	03/16/2007	N/A	1	0.00023	0.002	0.000049	B	2 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: hg0703072-1

Date Printed: Tuesday, March 20, 2007

Paragon Analytics

LIMS Version: 5.493A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
Lab ID: 0703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.9	2.1	0.79		
7440-39-3	BARIUM	10	8700	210	0.22		
7440-43-9	CADMIUM	1	0.14	1.1	0.057	B	
7440-47-3	CHROMIUM	1	18	2.1	0.28		
7440-50-8	COPPER	1	33	2.1	0.13		
7439-89-6	IRON	1	13000	21	2.6		
7439-92-1	LEAD	1	88	0.63	0.37		
7439-96-5	MANGANESE	1	290	2.1	0.059		
7782-49-2	SELENIUM	1	0.87	1.1	0.7	B	
7440-22-4	SILVER	1	2.1	2.1	0.18	U	
7440-66-6	ZINC	1	49	4.2	0.95		

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.13g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	2.7	1.2	0.45		
7440-39-3	BARIUM	1	910	12	0.012		
7440-43-9	CADMIUM	1	0.6	0.6	0.032	U	
7440-47-3	CHROMIUM	1	5.8	1.2	0.16		
7440-50-8	COPPER	1	18	1.2	0.074		
7439-89-6	IRON	1	9800	12	1.5		
7439-92-1	LEAD	1	81	0.36	0.21		
7439-96-5	MANGANESE	1	180	1.2	0.033		
7782-49-2	SELENIUM	1	0.6	0.6	0.4	U	
7440-22-4	SILVER	1	1.2	1.2	0.1	U	
7440-66-6	ZINC	1	26	2.4	0.54		

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
Lab ID: 0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.6	3	1.1		
7440-39-3	BARIUM	10	11000	300	0.31		
7440-43-9	CADMIUM	1	1.5	1.5	0.081	U	
7440-47-3	CHROMIUM	1	17	3	0.41		
7440-50-8	COPPER	1	44	3	0.19		
7439-89-6	IRON	1	15000	30	3.7		
7439-92-1	LEAD	1	110	0.91	0.54		
7439-96-5	MANGANESE	1	400	3	0.085		
7782-49-2	SELENIUM	1	1.5	1.5	1	U	
7440-22-4	SILVER	1	3	3	0.26	U	
7440-66-6	ZINC	1	69	6.1	1.4		E

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
Lab ID: 0703072-4

Sample Matrix: SLUDGE

% Moisture: 68.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	5.2	3.2	1.2		
7440-39-3	BARIUM	10	13000	320	0.32		
7440-43-9	CADMIUM	1	0.36	1.6	0.085	B	
7440-47-3	CHROMIUM	1	31	3.2	0.42		
7440-50-8	COPPER	1	50	3.2	0.2		
7439-89-6	IRON	1	16000	32	3.9		
7439-92-1	LEAD	1	81	0.95	0.56		
7439-96-5	MANGANESE	1	310	3.2	0.088		
7782-49-2	SELENIUM	1	2.4	1.6	1.1		
7440-22-4	SILVER	1	3.2	3.2	0.27	U	
7440-66-6	ZINC	1	68	6.3	1.4		

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	5	2.9	1.1		
7440-39-3	BARIUM	10	4600	290	0.3		
7440-43-9	CADMIUM	1	0.13	1.5	0.079	B	
7440-47-3	CHROMIUM	1	15	2.9	0.39		
7440-50-8	COPPER	1	39	2.9	0.18		
7439-89-6	IRON	1	13000	29	3.6		
7439-92-1	LEAD	1	160	0.88	0.52		
7439-96-5	MANGANESE	1	330	2.9	0.082		
7782-49-2	SELENIUM	1	1.3	1.5	0.98	B	
7440-22-4	SILVER	1	2.9	2.9	0.25	U	
7440-66-6	ZINC	1	57	5.9	1.3		

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06

Lab ID: 0703072-6

Sample Matrix: SLUDGE

% Moisture: 74.2

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	5.1	3.8	1.4		
7440-39-3	BARIUM	10	9300	380	0.39		
7440-43-9	CADMIUM	1	0.17	1.9	0.1	B	
7440-47-3	CHROMIUM	1	25	3.8	0.51		
7440-50-8	COPPER	1	65	3.8	0.24		
7439-89-6	IRON	1	19000	38	4.7		
7439-92-1	LEAD	1	130	1.1	0.68		
7439-96-5	MANGANESE	1	420	3.8	0.11		
7782-49-2	SELENIUM	1	1.9	1.9	1.3	U	
7440-22-4	SILVER	1	3.8	3.8	0.32	U	
7440-66-6	ZINC	1	86	7.7	1.7		

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-07
Lab ID: 0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QC Batch ID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.6	4	1.5	B	
7440-39-3	BARIUM	10	17000	400	0.4		
7440-43-9	CADMIUM	1	2	2	0.11	U	
7440-47-3	CHROMIUM	1	23	4	0.53		
7440-50-8	COPPER	1	51	4	0.25		
7439-89-6	IRON	1	18000	40	4.8		
7439-92-1	LEAD	1	85	1.2	0.7		
7439-96-5	MANGANESE	1	460	4	0.11		
7782-49-2	SELENIUM	1	2	2	1.3	U	
7440-22-4	SILVER	1	4	4	0.33	U	
7440-66-6	ZINC	1	73	7.9	1.8		

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

Lab ID: 0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.6	2.9	1.1		
7440-39-3	BARIUM	10	8300	290	0.29		
7440-43-9	CADMIUM	1	0.16	1.4	0.077	B	
7440-47-3	CHROMIUM	1	16	2.9	0.38		
7440-50-8	COPPER	1	120	2.9	0.18		
7439-89-6	IRON	1	15000	29	3.5		
7439-92-1	LEAD	1	210	0.86	0.51		
7439-96-5	MANGANESE	1	400	2.9	0.08		
7782-49-2	SELENIUM	1	1.4	1.4	0.96	U	
7440-22-4	SILVER	1	2.9	2.9	0.24	U	
7440-66-6	ZINC	1	120	5.7	1.3		

Data Package ID: it0703072-2

Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01

Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.11g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.5	2.7	1		
7440-39-3	BARIUM	10	9200	270	0.28		
7440-43-9	CADMIUM	1	0.13	1.4	0.073	B	
7440-47-3	CHROMIUM	1	18	2.7	0.36		
7440-50-8	COPPER	1	77	2.7	0.17		
7439-89-6	IRON	1	17000	27	3.3		
7439-92-1	LEAD	1	150	0.81	0.48		
7439-96-5	MANGANESE	1	410	2.7	0.075		
7782-49-2	SELENIUM	1	1.4	1.4	0.91	U	
7440-22-4	SILVER	1	2.7	2.7	0.23	U	
7440-66-6	ZINC	1	91	5.4	1.2		

Data Package ID: it0703072-2

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-02

Lab ID: 0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QC Batch ID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	4.6	3.4	1.3		
7440-39-3	BARIUM	1	2700	34	0.035		
7440-43-9	CADMIUM	1	1.7	1.7	0.092	U	
7440-47-3	CHROMIUM	1	17	3.4	0.46		
7440-50-8	COPPER	1	64	3.4	0.21		
7439-89-6	IRON	1	16000	34	4.2		
7439-92-1	LEAD	1	120	1	0.61		
7439-96-5	MANGANESE	1	430	3.4	0.095		
7782-49-2	SELENIUM	1	1.7	1.7	1.1	U	
7440-22-4	SILVER	1	3.4	3.4	0.29	U	
7440-66-6	ZINC	1	74	6.8	1.5		

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03

Lab ID: 0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name:170312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	5.7	3.8	1.4		
7440-39-3	BARIUM	10	7000	380	0.39		
7440-43-9	CADMIUM	1	0.26	1.9	0.1	B	
7440-47-3	CHROMIUM	1	23	3.8	0.51		
7440-50-8	COPPER	1	43	3.8	0.24		
7439-89-6	IRON	1	16000	38	4.7		
7439-92-1	LEAD	1	140	1.1	0.68		
7439-96-5	MANGANESE	1	370	3.8	0.11		
7782-49-2	SELENIUM	1	1.9	1.9	1.3	U	
7440-22-4	SILVER	1	3.8	3.8	0.32	U	
7440-66-6	ZINC	1	62	7.7	1.7		

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04

Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.09g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.4	3.1	1.2		
7440-39-3	BARIUM	10	12000	310	0.31		
7440-43-9	CADMIUM	1	0.17	1.5	0.082	B	
7440-47-3	CHROMIUM	1	23	3.1	0.41		
7440-50-8	COPPER	1	50	3.1	0.19		
7439-89-6	IRON	1	16000	31	3.7		
7439-92-1	LEAD	1	90	0.92	0.54		
7439-96-5	MANGANESE	1	350	3.1	0.085		
7782-49-2	SELENIUM	1	1.5	1.5	1	U	
7440-22-4	SILVER	1	3.1	3.1	0.26	U	
7440-66-6	ZINC	1	65	6.1	1.4		

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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Total URANIUM

Method SW6020

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corporation

Client Project ID: SJC Well 2 4165-030

Work Order Number: 0703072

Reporting Basis: As Received

Final Volume: 100 ml

Matrix: SLUDGE

Result Units: ug/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	MDL	Flag	Sample Aliquot
CC4B-030707-01	0703072-1	3/7/2007	3/9/2007	03/15/2007	N/A	10	540	9.2	25		1.09 g
CC4B-030707-02	0703072-2	3/7/2007	3/9/2007	03/15/2007	N/A	10	590	8.8	24		1.13 g
CC4B-030707-03	0703072-3	3/7/2007	3/9/2007	03/15/2007	N/A	10	510	9.9	27		1.01 g
CC4B-030707-04	0703072-4	3/7/2007	3/9/2007	03/15/2007	N/A	10	630	9.9	27		1.01 g
CC4B-030707-05	0703072-5	3/7/2007	3/9/2007	03/15/2007	N/A	10	480	9.8	26		1.02 g
CC4B-030707-06	0703072-6	3/7/2007	3/9/2007	03/15/2007	N/A	10	490	9.9	27		1.01 g
CC4B-030707-07	0703072-7	3/7/2007	3/9/2007	03/15/2007	N/A	10	430	9.6	26		1.04 g
CC4B-030707-08	0703072-8	3/7/2007	3/9/2007	03/15/2007	N/A	10	680	9.2	25		1.09 g
CC4B-030807-01	0703072-9	3/8/2007	3/9/2007	03/15/2007	N/A	10	680	9	24		1.11 g
CC4B-030807-02	0703072-10	3/8/2007	3/9/2007	03/15/2007	N/A	10	530	9.9	27		1.01 g
CC4B-030807-03	0703072-11	3/8/2007	3/9/2007	03/15/2007	N/A	10	440	9.6	26		1.04 g
CC4B-030807-04	0703072-12	3/8/2007	3/9/2007	03/15/2007	N/A	10	440	9.2	25		1.09 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: im0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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Total MERCURY

Method SW7471

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corporation

Client Project ID: SJC Well 2 4165-030

Work Order Number: 0703072

Reporting Basis: As Received

Final Volume: 100 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	MDL	Flag	Sample Aliquot
CC4B-030707-01	0703072-1	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.021	0.033	0.00083	B	0.603 g
CC4B-030707-02	0703072-2	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.014	0.033	0.00083	B	0.599 g
CC4B-030707-03	0703072-3	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.015	0.034	0.00084	B	0.595 g
CC4B-030707-04	0703072-4	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.023	0.033	0.00083	B	0.599 g
CC4B-030707-05	0703072-5	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.01	0.033	0.00083	B	0.602 g
CC4B-030707-06	0703072-6	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.01	0.033	0.00082	B	0.609 g
CC4B-030707-07	0703072-7	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.018	0.033	0.00082	B	0.609 g
CC4B-030707-08	0703072-8	3/7/2007	3/12/2007	03/13/2007	N/A	1	0.014	0.034	0.00084	B	0.591 g
CC4B-030807-01	0703072-9	3/8/2007	3/12/2007	03/13/2007	N/A	1	0.015	0.033	0.00082	B	0.609 g
CC4B-030807-02	0703072-10	3/8/2007	3/12/2007	03/13/2007	N/A	1	0.011	0.034	0.00084	B	0.597 g
CC4B-030807-03	0703072-11	3/8/2007	3/12/2007	03/13/2007	N/A	1	0.0093	0.034	0.00084	B	0.592 g
CC4B-030807-04	0703072-12	3/8/2007	3/12/2007	03/13/2007	N/A	1	0.015	0.033	0.00083	B	0.602 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: hg0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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ICP Metals

Method SW6010B--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-3MB

Sample Matrix: LEACHATE

Prep Batch: IP070314-1

Sample Aliquot: 5 g

% Moisture: N/A

QC Batch ID: IP070314-1-1

Final Volume: 50 g

Date Collected: N/A

Run ID: it070315-1a2

Result Units: mg/l

LEACH DATE: 3/13/2007

Date Extracted: 14-Mar-07

Cleanup: NONE

Clean DF: 1

Date Analyzed: 15-Mar-07

Basis: N/A

File Name: t70315a.

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.11	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

Date Printed: Tuesday, March 20, 2007

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ICP Metals

Method SW6010B--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-9MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Batch: IP070315-1

QCBatchID: IP070315-1-1

Run ID: it070316-1a3

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70316a.

LEACH DATE: 3/14/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.041	U	
7440-39-3	BARIUM	1	0.039	1	0.00085	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0032	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0062	U	
7439-92-1	LEAD	1	0.03	0.03	0.019	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.039	U	
7440-22-4	SILVER	1	0.1	0.1	0.0081	U	

Data Package ID: it0703072-1

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ICP Metals

Method SW6010B--Leachate

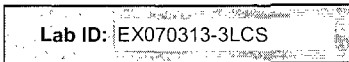
Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030



Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/14/2007

Date Analyzed: 03/15/2007

Prep Method: SW3010A

Prep Batch: IP070314-1

QC Batch ID: IP070314-1-1

Run ID: it070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70315a.

LEACH DATE: 3/13/2007

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	20	20.5	0.1		102	80 - 120%
7440-39-3	BARIUM	20	20.1	1		100	80 - 120%
7440-43-9	CADMIUM	0.5	0.503	0.05		101	80 - 120%
7440-47-3	CHROMIUM	2	2.04	0.1		102	80 - 120%
7439-92-1	LEAD	5	4.97	0.03		99	80 - 120%
7782-49-2	SELENIUM	20	19.6	0.05		98	80 - 120%
7440-22-4	SILVER	1	1.01	0.1		101	80 - 120%



Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/14/2007

Date Analyzed: 03/15/2007

Prep Method: SW3010A

Prep Batch: IP070314-1

QC Batch ID: IP070314-1-1

Run ID: it070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: t70315a.

LEACH DATE: 3/13/2007

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	20	20.6	0.1		103	20	0
7440-39-3	BARIUM	20	20.2	1		101	20	1
7440-43-9	CADMIUM	0.5	0.503	0.05		101	20	0
7440-47-3	CHROMIUM	2	2.04	0.1		102	20	0
7439-92-1	LEAD	5	5.01	0.03		100	20	1
7782-49-2	SELENIUM	20	19.9	0.05		100	20	1
7440-22-4	SILVER	1	1.02	0.1		102	20	1

Data Package ID: it0703072-1

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ICP Metals

Method SW6010B--Leachate

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-9LCS

Sample Matrix: LEACHATE

Prep Batch: IP070315-1

Sample Aliquot: 5 g

% Moisture: N/A

QCBatchID: IP070315-1-1

Final Volume: 50 g

Date Collected: N/A

Run ID: it070316-1a3

Result Units: mg/l

LEACH DATE: 3/14/2007

Date Extracted: 03/15/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/16/2007

Basis: N/A

File Name: t70316a.

Prep Method: SW3010A

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	20	20.4	0.1		102	80 - 120%
7440-39-3	BARIUM	20	19.3	1		97	80 - 120%
7440-43-9	CADMIUM	0.5	0.506	0.05		101	80 - 120%
7440-47-3	CHROMIUM	2	1.97	0.1		98	80 - 120%
7439-92-1	LEAD	5	5.17	0.03		103	80 - 120%
7782-49-2	SELENIUM	20	20.6	0.05		103	80 - 120%
7440-22-4	SILVER	1	1.08	0.1		108	80 - 120%

Lab ID: EX070314-9LCSD

Sample Matrix: LEACHATE

Prep Batch: IP070315-1

Sample Aliquot: 5 g

% Moisture: N/A

QCBatchID: IP070315-1-1

Final Volume: 50 g

Date Collected: N/A

Run ID: it070316-1a3

Result Units: mg/l

LEACH DATE: 3/14/2007

Date Extracted: 03/15/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/16/2007

Basis: N/A

File Name: t70316a.

Prep Method: SW3010A

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	20	20.3	0.1		102	20	0
7440-39-3	BARIUM	20	19.1	1		95	20	1
7440-43-9	CADMIUM	0.5	0.512	0.05		102	20	1
7440-47-3	CHROMIUM	2	1.99	0.1		100	20	1
7439-92-1	LEAD	5	5.19	0.03		104	20	0
7782-49-2	SELENIUM	20	20.6	0.05		103	20	0
7440-22-4	SILVER	1	1.07	0.1		107	20	1

Data Package ID: it0703072-1

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ICP Metals

Method SW6010B--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
LabID: 0703072-15MS

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070315-1
QCBatchID: IP070315-1-1
Run ID: it070316-1a3
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
File Name: t70316a.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-38-2	ARSENIC	0.1	U	20		0.1	20	100	80 - 120%
7440-39-3	BARIUM	0.47	B	19.7		1	20	96	80 - 120%
7440-43-9	CADMIUM	0.05	U	0.491		0.05	0.5	98	80 - 120%
7440-47-3	CHROMIUM	0.1	U	1.91		0.1	2	96	80 - 120%
7439-92-1	LEAD	0.72		5.8		0.03	5	102	80 - 120%
7782-49-2	SELENIUM	0.05	U	20.4		0.05	20	102	80 - 120%
7440-22-4	SILVER	0.1	U	1.06		0.1	1	106	80 - 120%

Field ID: CC4B-030707-02
LabID: 0703072-15MSD

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070315-1
QCBatchID: IP070315-1-1
Run ID: it070316-1a3
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
File Name: t70316a.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	20.1		20	101	0.1	20	0
7440-39-3	BARIUM	19.6		20	96	1	20	0
7440-43-9	CADMIUM	0.499		0.5	100	0.05	20	1
7440-47-3	CHROMIUM	1.93		2	97	0.1	20	1
7439-92-1	LEAD	5.81		5	102	0.03	20	0
7782-49-2	SELENIUM	20.6		20	103	0.05	20	1
7440-22-4	SILVER	1.07		1	107	0.1	20	1

Data Package ID: it0703072-1

ICP Metals

Method SW6010B--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04
LabID: 0703072-17MS

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070314-1
QCBatchID: IP070314-1-1
Run ID: it070315-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: t70315a.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-38-2	ARSENIC	0.1	U	20.4		0.1	20	102	80 - 120%
7440-39-3	BARIUM	0.88	B	20.3		1	20	97	80 - 120%
7440-43-9	CADMIUM	0.05	U	0.482		0.05	0.5	96	80 - 120%
7440-47-3	CHROMIUM	0.1	U	1.94		0.1	2	97	80 - 120%
7439-92-1	LEAD	0.03	U	4.89		0.03	5	98	80 - 120%
7782-49-2	SELENIUM	0.05	U	19.6		0.05	20	98	80 - 120%
7440-22-4	SILVER	0.1	U	1.01		0.1	1	101	80 - 120%

Field ID: CC4B-030707-04
LabID: 0703072-17MSD

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070314-1
QCBatchID: IP070314-1-1
Run ID: it070315-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: t70315a.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	20.4		20	102	0.1	20	0
7440-39-3	BARIUM	20.5		20	98	1	20	1
7440-43-9	CADMIUM	0.472		0.5	94	0.05	20	2
7440-47-3	CHROMIUM	1.9		2	95	0.1	20	2
7439-92-1	LEAD	4.94		5	99	0.03	20	1
7782-49-2	SELENIUM	19.8		20	99	0.05	20	1
7440-22-4	SILVER	1		1	100	0.1	20	1

Data Package ID: it0703072-1

Mercury

Method SW7470A--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-3MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 14-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: HG070314-2

QC Batch ID: HG070314-2-1

Run ID: hg070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 2g

Final Volume: 20g

Result Units: mg/l

Clean DF: 1

File Name: 07031500

LEACH DATE: 3/13/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.00012	0.002	0.000049	B	

Data Package ID: hg0703072-1

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Mercury

Method SW7470A--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-9MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 15-Mar-07

Date Analyzed: 16-Mar-07

Prep Batch: HG070315-1

QC Batch ID: HG070315-1-1

Run ID: hg070316-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 2g

Final Volume: 20g

Result Units: mg/l

Clean DF: 1

File Name: 07031600

LEACH DATE: 3/14/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.0002	0.002	0.000049	B	

Data Package ID: hg0703072-1

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Mercury

Method SW7470A--Leachate

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070313-3LCS

Sample Matrix: LEACHATE

Prep Batch: HG070314-2

Sample Aliquot: 2g

% Moisture: N/A

QCBatchID: HG070314-2-1

Final Volume: 20g

Date Collected: N/A

Run ID: hg070315-1a2

Result Units: mg/l

LEACH DATE: 3/13/2007

Date Extracted: 03/14/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/15/2007

Basis: N/A

File Name: 07031500

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.01	0.00973	0.002		97	80 - 120%

Lab ID: EX070313-3LCSD

Sample Matrix: LEACHATE

Prep Batch: HG070314-2

Sample Aliquot: 2g

% Moisture: N/A

QCBatchID: HG070314-2-1

Final Volume: 20g

Date Collected: N/A

Run ID: hg070315-1a2

Result Units: mg/l

LEACH DATE: 3/13/2007

Date Extracted: 03/14/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/15/2007

Basis: N/A

File Name: 07031500

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.01	0.00968	0.002		97	20	1

Data Package ID: hg0703072-1

Date Printed: Tuesday, March 20, 2007

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Mercury

Method SW7470A--Leachate

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-9LCS

Sample Matrix: LEACHATE

Prep Batch: HG070315-1

Sample Aliquot: 2 g

% Moisture: N/A

QCBatchID: HG070315-1-1

Final Volume: 20 g

Date Collected: N/A

Run ID: hg070316-1a2

Result Units: mg/l

LEACH DATE: 3/14/2007

Date Extracted: 03/15/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/16/2007

Basis: N/A

File Name: 07031600

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.01	0.00961	0.002		96	80 - 120%

Lab ID: EX070314-9LCSD

Sample Matrix: LEACHATE

Prep Batch: HG070315-1

Sample Aliquot: 2 g

% Moisture: N/A

QCBatchID: HG070315-1-1

Final Volume: 20 g

Date Collected: N/A

Run ID: hg070316-1a2

Result Units: mg/l

LEACH DATE: 3/14/2007

Date Extracted: 03/15/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/16/2007

Basis: N/A

File Name: 07031600

Prep Method: METHOD

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.01	0.0097	0.002		97	20	1

Data Package ID: hg0703072-1

Mercury

Method SW7470A--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
LabID: 0703072-14MS

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: HG070315-1
QCBatchID: HG070315-1-1
Run ID: hg070316-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07031600

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.00019	B	0.02		0.002	0.02	99	80 - 120%

Field ID: CC4B-030707-01
LabID: 0703072-14MSD

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: HG070315-1
QCBatchID: HG070315-1-1
Run ID: hg070316-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07031600

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.02		0.02	99	0.002	20	0

Data Package ID: hg0703072-1

Date Printed: Tuesday, March 20, 2007

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Mercury

Method SW7470A--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-03
LabID: 0703072-24MS

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 08-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: METHOD

Prep Batch: HG070314-2
QCBatchID: HG070314-2-1
Run ID: hg070315-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07031500

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.00022	B	0.0201		0.002	0.02	99	80 - 120%

Field ID: CC4B-030807-03
LabID: 0703072-24MSD

LEACH DATE: 3/13/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 08-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: METHOD

Prep Batch: HG070314-2
QCBatchID: HG070314-2-1
Run ID: hg070315-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07031500

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.0202		0.02	100	0.002	20	0

Data Package ID: hg0703072-1

ICP Metals

Method SW6010B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: IP070309-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Batch: IP070309-2

QC Batch ID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1	1	0.38	U	
7440-39-3	BARIUM	1	0.053	10	0.01	B	
7440-43-9	CADMIUM	1	0.5	0.5	0.027	U	
7440-47-3	CHROMIUM	1	1	1	0.13	U	
7440-50-8	COPPER	1	-0.29	1	0.062	B	
7439-89-6	IRON	1	1.6	10	1.2	B	
7439-92-1	LEAD	1	0.3	0.3	0.18	U	
7439-96-5	MANGANESE	1	0.063	1	0.028	B	
7782-49-2	SELENIUM	1	0.5	0.5	0.33	U	
7440-22-4	SILVER	1	1	1	0.084	U	
7440-66-6	ZINC	1	2	2	0.45	U	

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

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ICP Metals

Method SW6010B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: IP070309-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/12/2007

Prep Method: SW3050B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	200	198	1		99	80 - 120%
7440-39-3	BARIUM	200	208	10		104	80 - 120%
7440-43-9	CADMIUM	5	4.76	0.5		95	80 - 120%
7440-47-3	CHROMIUM	20	20	1		100	80 - 120%
7440-50-8	COPPER	25	26.2	1		105	80 - 120%
7439-89-6	IRON	100	99.6	10		100	80 - 120%
7439-92-1	LEAD	50	48.7	0.3		97	80 - 120%
7439-96-5	MANGANESE	50	48.8	1		98	80 - 120%
7782-49-2	SELENIUM	200	205	0.5		102	80 - 120%
7440-22-4	SILVER	10	10	1		100	80 - 120%
7440-66-6	ZINC	50	47.5	2		95	80 - 120%

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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ICP Metals

Method SW6010B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: IP070309-2LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/12/2007

Prep Method: SW3050B

Prep Batch: IP070309-2

QC Batch ID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: t70312a.

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	200	198	1		99	20	0
7440-39-3	BARIUM	200	208	10		104	20	0
7440-43-9	CADMIUM	5	4.87	0.5		97	20	2
7440-47-3	CHROMIUM	20	20.4	1		102	20	2
7440-50-8	COPPER	25	25.7	1		103	20	2
7439-89-6	IRON	100	99.6	10		100	20	0
7439-92-1	LEAD	50	49	0.3		98	20	1
7439-96-5	MANGANESE	50	49.3	1		99	20	1
7782-49-2	SELENIUM	200	202	0.5		101	20	1
7440-22-4	SILVER	10	10	1		100	20	0
7440-66-6	ZINC	50	48.8	2		98	20	3

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03

LabID: 0703072-3MS

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 12-Mar-07

Prep Method: SW3050 Rev B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-1

Run ID: it070312-1a2

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02 g

Final Volume: 100 ml

Result Units: mg/kg

File Name: t70312a.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-38-2	ARSENIC	3.6		580		3.01	602	96	80 - 120%
7440-39-3	BARIUM	11000		9610		301	602	-310	80 - 120%
7440-43-9	CADMIUM	1.51	U	13.7		1.51	15.1	91	80 - 120%
7440-47-3	CHROMIUM	17		76.3		3.01	60.2	99	80 - 120%
7440-50-8	COPPER	44		127		3.01	75.3	109	80 - 120%
7439-89-6	IRON	15000		18500		30.1	301	1051	80 - 120%
7439-92-1	LEAD	110		274		0.903	151	106	80 - 120%
7439-96-5	MANGANESE	400		538		3.01	151	92	80 - 120%
7782-49-2	SELENIUM	1.51	U	600		1.51	602	100	80 - 120%
7440-22-4	SILVER	3.01	U	28.9		3.01	30.1	96	80 - 120%
7440-66-6	ZINC	69		212		6.02	151	95	80 - 120%

Data Package ID: it0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
LabID: 0703072-3MSD

Sample Matrix: SLUDGE
% Moisture: 67.4
Date Collected: 07-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 12-Mar-07
Prep Method: SW3050 Rev B

Prep Batch: IP070309-2
QCBatchID: IP070309-2-1
Run ID: it070312-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: t70312a.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	585		602	97	3.01	20	1
7440-39-3	BARIUM	9650		602	-302	301	20	0
7440-43-9	CADMIUM	13.8		15.1	92	1.51	20	1
7440-47-3	CHROMIUM	75.1		60.2	97	3.01	20	2
7440-50-8	COPPER	124		75.3	106	3.01	20	2
7439-89-6	IRON	18000		301	890	30.1	20	3
7439-92-1	LEAD	292		151	118	0.903	20	7
7439-96-5	MANGANESE	528		151	86	3.01	20	2
7782-49-2	SELENIUM	603		602	100	1.51	20	0
7440-22-4	SILVER	29.1		30.1	97	3.01	20	1
7440-66-6	ZINC	215		151	97	6.02	20	2

Data Package ID: it0703072-2

ICPMS Metals

Method SW6020A

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: IP070309-2MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 15-Mar-07

Prep Batch: IP070309-2

QCBatchID: IP070309-2-2

Run ID: im070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1g

Final Volume: 100 ml

Result Units: ug/kg

Clean DF: 1

File Name: 15MAR07A

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-61-1	URANIUM	10	10	10	27	U	

Data Package ID: im0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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ICPMS Metals

Method SW6020A

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: IM070309-2LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/15/2007

Prep Method: SW3050B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-2

Run ID: im070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: ug/kg

Clean DF: 1

File Name: 15MAR07A

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-61-1	URANIUM	2000	2020	10		101	80 - 120%

Lab ID: IM070309-2LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/15/2007

Prep Method: SW3050B

Prep Batch: IP070309-2

QCBatchID: IP070309-2-2

Run ID: im070315-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: ug/kg

Clean DF: 1

File Name: 15MAR07A

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-61-1	URANIUM	2000	1970	10		98	20	3

Data Package ID: im0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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ICPMS Metals

Method SW6020A

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0703072
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
LabID: 0703072-3MS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW3050 Rev B

Prep Batch: IP070309-2
QCBatchID: IP070309-2-2
Run ID: im070315-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: ug/kg
File Name: 15MAR07A

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-61-1	URANIUM	510		2520		9.8	1960	103	75 - 125%

Field ID: CC4B-030707-03
LabID: 0703072-3MSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 09-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW3050 Rev B

Prep Batch: IP070309-2
QCBatchID: IP070309-2-2
Run ID: im070315-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: ug/kg
File Name: 15MAR07A

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-61-1	URANIUM	2490		1960	101	9.8	20	1

Data Package ID: im0703072-2

Mercury

Method SW7471A

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: HG070312-1MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 12-Mar-07

Date Analyzed: 13-Mar-07

Prep Batch: HG070312-1

QCBatchID: HG070312-1-1

Run ID: hg070313-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 0.6g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 07031300

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.033	0.033	0.00083	U	

Data Package ID: hg0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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Mercury

Method SW7471A

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: HG070312-1LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/12/2007

Date Analyzed: 03/13/2007

Prep Method: METHOD

Prep Batch: HG070312-1

QCBatchID: HG070312-1-1

Run ID: hg070313-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 0.6g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 07031300

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.17	0.0333		102	80 - 120%

Lab ID: HG070312-1LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/12/2007

Date Analyzed: 03/13/2007

Prep Method: METHOD

Prep Batch: HG070312-1

QCBatchID: HG070312-1-1

Run ID: hg070313-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 0.6g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 07031300

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.173	0.0333		104	20	2

Data Package ID: hg0703072-2

Mercury

Method SW7471A

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
LabID: 0703072-5MS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: METHOD

Prep Batch: HG070312-1
QCBatchID: HG070312-1-1
Run ID: hg070313-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.604 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07031300

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.01	B	0.346		0.0331	0.331	101	80 - 120%

Field ID: CC4B-030707-05
LabID: 0703072-5MSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 07-Mar-07
Date Extracted: 12-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: METHOD

Prep Batch: HG070312-1
QCBatchID: HG070312-1-1
Run ID: hg070313-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.602 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07031300

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.346		0.332	101	0.0332	20	0

Data Package ID: hg0703072-2

Paragon Analytics

OIL AND GREASE CASE NARRATIVE

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/09/07.
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 below the reporting limit for oil and grease.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
7. Sample 0703072-12 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.

<u>Jose Nolasco (for Adam Lesiak)</u>	<u>3-22-07</u>
Adam Lesiak	Date
Extractions Analyst	

<u>CK</u>	<u>03-22-07</u>
Reporter'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: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

Oil & Grease, Gravimetric

Method SW9071B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-5MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 14-Mar-07

Date Analyzed: 22-Mar-07

Prep Method: METHOD

Prep Batch: EX070314-5

QCBatchID: EX070314-5-1

Run ID: EX070314-5A

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	25	25	U	

Data Package ID: EX0703072-1

Date Printed: Thursday, March 22, 2007

Paragon Analytics

LIMS Version: 5.495A

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OIL AND GREASE

Method SW9071B

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 2 4165-030
Work Order Number: 0703072
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
CC4B-030707-01	0703072-1	03/07/2007	03/14/2007	03/22/2007	56.51	1	95	95	U	30.16 g
CC4B-030707-02	0703072-2	03/07/2007	03/14/2007	03/22/2007	25.9	1	270	56		30.02 g
CC4B-030707-03	0703072-3	03/07/2007	03/14/2007	03/22/2007	67.44	1	410	130		30 g
CC4B-030707-04	0703072-4	03/07/2007	03/14/2007	03/22/2007	68.67	1	520	130		30.72 g
CC4B-030707-05	0703072-5	03/07/2007	03/14/2007	03/22/2007	66.71	1	420	120		30.7 g
CC4B-030707-06	0703072-6	03/07/2007	03/14/2007	03/22/2007	74.16	1	220	160		30.01 g
CC4B-030707-07	0703072-7	03/07/2007	03/14/2007	03/22/2007	75.69	1	880	170		30 g
CC4B-030707-08	0703072-8	03/07/2007	03/14/2007	03/22/2007	68.03	1	11000	130		30.03 g
CC4B-030807-01	0703072-9	03/08/2007	03/14/2007	03/22/2007	66.81	1	3200	120		30.46 g
CC4B-030807-02	0703072-10	03/08/2007	03/14/2007	03/22/2007	71.04	1	830	140		30.41 g
CC4B-030807-03	0703072-11	03/08/2007	03/14/2007	03/22/2007	74.87	1	770	170		30.05 g
CC4B-030807-04	0703072-12	03/08/2007	03/14/2007	03/22/2007	70.09	1	620	140		30.37 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: EX0703072-1

Date Printed: Thursday, March 22, 2007

Paragon Analytics

LIMS Version: 5.495A

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Oil & Grease, Gravimetric

Method SW9071B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070314-5LCS	Sample Matrix: SLUDGE	Prep Batch: EX070314-5	Sample Aliquot: 50 g
	% Moisture: N/A	QCBatchID: EX070314-5-1	Final Volume: 1 sample
	Date Collected: N/A	Run ID: EX070314-5A	Result Units: mg/kg
	Date Extracted: 03/14/2007	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 03/22/2007	Basis: N/A	File Name:
	Prep Method: METHOD		

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
10-30-0	OIL AND GREASE	2060	2280	25		111	80 - 120%

Lab ID: EX070314-5LCSD	Sample Matrix: SLUDGE	Prep Batch: EX070314-5	Sample Aliquot: 50 g
	% Moisture: N/A	QCBatchID: EX070314-5-1	Final Volume: 1 sample
	Date Collected: N/A	Run ID: EX070314-5A	Result Units: mg/kg
	Date Extracted: 03/14/2007	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 03/22/2007	Basis: N/A	File Name:
	Prep Method: METHOD		

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
10-30-0	OIL AND GREASE	2060	2300	25		112	20	1

Data Package ID: EX0703072-1

Date Printed: Thursday, March 22, 2007

Paragon Analytics

LIMS Version: 5.495A

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Oil & Grease, Gravimetric

Method SW9071B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
LabID: 0703072-12MS

Sample Matrix: SLUDGE
% Moisture: 70.1
Date Collected: 08-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-5
QCBatchID: EX070314-5-1
Run ID: EX070314-5A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.41 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	620		12700		137	11300	107	80 - 120%

Field ID: CC4B-030807-04
LabID: 0703072-12MSD

Sample Matrix: SLUDGE
% Moisture: 70.1
Date Collected: 08-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-5
QCBatchID: EX070314-5-1
Run ID: EX070314-5A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.22 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	12600		11400	106	138	20	1

Data Package ID: EX0703072-1

Paragon Analytics

PCBs Case Narrative

S.M. Stoller Corporation

SJC Well 2 -- 4165-030

Order Number - 0703072

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/09/07.
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. The extracts from samples and associated QC analyzed on 03/14/07 were also processed using sulfur cleanup according to Paragon Analytics Standard Operating Procedure 634 Revision 5 based on Method 3660B 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 exception:

Continuing calibration 1254 031307-2CCV – aroclor 1254 was out high on column 2. 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 0703072-8 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	0703072-4, -7, & -12	Low
Decachlorobiphenyl	0703072-8, 8MS, & 8MSD	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.

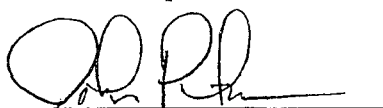
Sample 0703072-8 was used for the matrix spike and matrix spike duplicate. Decachlorobiphenyl in the spikes was also outside the acceptance criteria, which suggest the outliers may have been due to matrix effects. No further action was taken.

Surrogate	Sample	Direction
Tetrachloro-m-xylene	0703072-1, -9, -10, & -11	Low
Decachlorobiphenyl	0703072-1, -9, -10, & -11	Low

These samples were re-analyzed to evaluate whether the original outliers were due to matrix effects or laboratory performance. The re-analysis also had surrogates outside the control limits, which suggest the outliers may have been due to matrix effects. NCR #8598 has been included to document these occurrences.

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

3/21/07

Date

EX
Reviewer's Initials

03-21-07

Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0703072

Client Name: S.M. Stoller Corporation

Client Project Name: SJC Well 2

Client Project Number: 4165-030

Client PO Number: PARA-4165-07109

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
CC4B-030707-01	0703072-1		SLUDGE	07-Mar-07	12:10
CC4B-030707-02	0703072-2		SLUDGE	07-Mar-07	12:45
CC4B-030707-03	0703072-3		SLUDGE	07-Mar-07	13:30
CC4B-030707-04	0703072-4		SLUDGE	07-Mar-07	14:20
CC4B-030707-05	0703072-5		SLUDGE	07-Mar-07	14:53
CC4B-030707-06	0703072-6		SLUDGE	07-Mar-07	15:35
CC4B-030707-07	0703072-7		SLUDGE	07-Mar-07	16:06
CC4B-030707-08	0703072-8		SLUDGE	07-Mar-07	16:35
CC4B-030807-01	0703072-9		SLUDGE	08-Mar-07	9:55
CC4B-030807-02	0703072-10		SLUDGE	08-Mar-07	10:18
CC4B-030807-03	0703072-11		SLUDGE	08-Mar-07	10:23
CC4B-030807-04	0703072-12		SLUDGE	08-Mar-07	10:56
CC4B-030807-05	0703072-13		WATER	08-Mar-07	11:15
CC4B-030707-01	0703072-14		LEACHAT	07-Mar-07	12:10
CC4B-030707-02	0703072-15		LEACHAT	07-Mar-07	12:45
CC4B-030707-03	0703072-16		LEACHAT	07-Mar-07	13:30
CC4B-030707-04	0703072-17		LEACHAT	07-Mar-07	14:20
CC4B-030707-05	0703072-18		LEACHAT	07-Mar-07	14:53
CC4B-030707-06	0703072-19		LEACHAT	07-Mar-07	15:35
CC4B-030707-07	0703072-20		LEACHAT	07-Mar-07	16:06
CC4B-030707-08	0703072-21		LEACHAT	07-Mar-07	16:35
CC4B-030807-01	0703072-22		LEACHAT	08-Mar-07	9:55
CC4B-030807-02	0703072-23		LEACHAT	08-Mar-07	10:18
CC4B-030807-03	0703072-24		LEACHAT	08-Mar-07	10:23
CC4B-030807-04	0703072-25		LEACHAT	08-Mar-07	10:56

PCBs

Method SW8082

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070309-5MB

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 13-Mar-07

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: N/A

Sample Aliquot: 30g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029062

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	15.3		16.7	92	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17		16.7	102	70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

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PCBs

Method SW8082

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070309-5MBRR1

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: N/A

Sample Aliquot: 30g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029085

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	15.6		16.7	94	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	18.3		16.7	110	70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-01
Lab ID: 10703072-1

Sample Matrix: SLUDGE

% Moisture: 56.5

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.25 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029065

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	76	76	8.9	U	
11104-28-2	AROCLOR-1221	1	150	150	12	U	
11141-16-5	AROCLOR-1232	1	76	76	12	U	
53469-21-9	AROCLOR-1242	1	76	76	11	U	
12672-29-6	AROCLOR-1248	1	76	76	5.1	U	
11097-69-1	AROCLOR-1254	1	76	76	9.2	U	
11096-82-5	AROCLOR-1260	1	76	76	5.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	20.3	*	38	53	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	18.8	*	38	49	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-02
Lab ID: 0703072-2

Sample Matrix: SLUDGE

% Moisture: 25.9

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.09g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029066

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	5.4	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	17.3		22.4	77	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17.6		22.4	79	70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-03
Lab ID: 0703072-3

Sample Matrix: SLUDGE

% Moisture: 67.4

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.23g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029088

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	100	100	12	U	
11104-28-2	AROCLOR-1221	1	200	200	16	U	
11141-16-5	AROCLOR-1232	1	100	100	16	U	
53469-21-9	AROCLOR-1242	1	100	100	15	U	
12672-29-6	AROCLOR-1248	1	100	100	6.9	U	
11097-69-1	AROCLOR-1254	1	100	100	12	U	
11096-82-5	AROCLOR-1260	1	100	100	7.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	39.3		50.8	77	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	37.2		50.8	73	70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-04	Sample Matrix: SLUDGE	Prep Batch: EX070309-5	Sample Aliquot: 30.1 g
Lab ID: 0703072-4	% Moisture: 68.7	QCBatchID: EX070309-5-1	Final Volume: 10 ml
	Date Collected: 07-Mar-07	Run ID: PT070313-1	Result Units: ug/kg
	Date Extracted: 09-Mar-07	Cleanup: SW3665	Clean DF: 1
	Date Analyzed: 13-Mar-07	Basis: Dry Weight	File Name: EA029068
	Prep Method: SW3540 Rev C		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	110	110	12	U	
11104-28-2	AROCLOR-1221	1	210	210	17	U	
11141-16-5	AROCLOR-1232	1	110	110	17	U	
53469-21-9	AROCLOR-1242	1	110	110	16	U	
12672-29-6	AROCLOR-1248	1	110	110	7.2	U	
11097-69-1	AROCLOR-1254	1	110	110	13	U	
11096-82-5	AROCLOR-1260	1	110	110	8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	36.5		53	69	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	32.6	*	53	61	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-05
Lab ID: 0703072-5

Sample Matrix: SLUDGE

% Moisture: 66.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.05 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029089

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	100	100	12	U	
11104-28-2	AROCLOR-1221	1	200	200	16	U	
11141-16-5	AROCLOR-1232	1	100	100	16	U	
53469-21-9	AROCLOR-1242	1	100	100	15	U	
12672-29-6	AROCLOR-1248	1	100	100	6.7	U	
11097-69-1	AROCLOR-1254	1	100	100	12	U	
11096-82-5	AROCLOR-1260	1	100	100	7.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	39		50	78	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	36.6		50	73	70 - 125

Data Package ID: PT0703072-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-06	Sample Matrix: SLUDGE	Prep Batch: EX070309-5	Sample Aliquot: 30.3g
Lab ID: 0703072-6	% Moisture: 74.2	QCBatchID: EX070309-5-1	Final Volume: 10 ml
	Date Collected: 07-Mar-07	Run ID: PT070313-1	Result Units: ug/kg
	Date Extracted: 09-Mar-07	Cleanup: SW3665	Clean DF: 1
	Date Analyzed: 13-Mar-07	Basis: Dry Weight	File Name: EA029070
	Prep Method: SW3540 Rev C		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	130	130	15	U	
11104-28-2	AROCLOR-1221	1	260	260	20	U	
11141-16-5	AROCLOR-1232	1	130	130	20	U	
53469-21-9	AROCLOR-1242	1	130	130	19	U	
12672-29-6	AROCLOR-1248	1	130	130	8.6	U	
11097-69-1	AROCLOR-1254	1	130	130	16	U	
11096-82-5	AROCLOR-1260	1	130	130	9.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	48.1		63.9	75	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	60.1		63.9	94	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-07
Lab ID:	0703072-7

Sample Matrix: SLUDGE

% Moisture: 75.7

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.2g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029090

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	140	140	16	U	
11104-28-2	AROCLOR-1221	1	270	270	22	U	
11141-16-5	AROCLOR-1232	1	140	140	21	U	
53469-21-9	AROCLOR-1242	1	140	140	20	U	
12672-29-6	AROCLOR-1248	1	140	140	9.2	U	
11097-69-1	AROCLOR-1254	1	140	140	17	U	
11096-82-5	AROCLOR-1260	1	140	140	10	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	45		68.1	66	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	44.2	*	68.1	65	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030707-08
Lab ID:	0703072-8

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QC Batch ID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.03 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029091

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	100	100	12	U	
11104-28-2	AROCLOR-1221	1	210	210	17	U	
11141-16-5	AROCLOR-1232	1	100	100	16	U	
53469-21-9	AROCLOR-1242	1	100	100	16	U	
12672-29-6	AROCLOR-1248	1	100	100	7	U	
11097-69-1	AROCLOR-1254	1	100	100	13	U	
11096-82-5	AROCLOR-1260	1	100	100	7.9	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	30.6	*	52.1	59	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	38		52.1	73	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-01
Lab ID: 0703072-9

Sample Matrix: SLUDGE

% Moisture: 66.8

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.02g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029094

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	100	100	12	U	
11104-28-2	AROCLOR-1221	1	200	200	16	U	
11141-16-5	AROCLOR-1232	1	100	100	16	U	
53469-21-9	AROCLOR-1242	1	100	100	15	U	
12672-29-6	AROCLOR-1248	1	100	100	6.8	U	
11097-69-1	AROCLOR-1254	1	100	100	12	U	
11096-82-5	AROCLOR-1260	1	100	100	7.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	26	*	50.2	52	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	25	*	50.2	50	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-02
Lab ID:	0703072-10

Sample Matrix: SLUDGE

% Moisture: 71.0

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.07 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029097

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	110	110	13	U	
11104-28-2	AROCLOR-1221	1	230	230	18	U	
11141-16-5	AROCLOR-1232	1	110	110	18	U	
53469-21-9	AROCLOR-1242	1	110	110	17	U	
12672-29-6	AROCLOR-1248	1	110	110	7.8	U	
11097-69-1	AROCLOR-1254	1	110	110	14	U	
11096-82-5	AROCLOR-1260	1	110	110	8.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	29.4	*	57.4	51	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	26.5	*	57.4	46	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID:	CC4B-030807-03
Lab ID:	0703072-11

Sample Matrix: SLUDGE

% Moisture: 74.9

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029098

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	130	130	16	U	
11104-28-2	AROCLOR-1221	1	270	270	21	U	
11141-16-5	AROCLOR-1232	1	130	130	21	U	
53469-21-9	AROCLOR-1242	1	130	130	20	U	
12672-29-6	AROCLOR-1248	1	130	130	9	U	
11097-69-1	AROCLOR-1254	1	130	130	16	U	
11096-82-5	AROCLOR-1260	1	130	130	10	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	35.8	*	66.3	54	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	29.6	*	66.3	45	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030807-04
Lab ID: 0703072-12

Sample Matrix: SLUDGE

% Moisture: 70.1

Date Collected: 08-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 13-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.15g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029080

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	110	110	13	U	
11104-28-2	AROCLOR-1221	1	220	220	18	U	
11141-16-5	AROCLOR-1232	1	110	110	17	U	
53469-21-9	AROCLOR-1242	1	110	110	17	U	
12672-29-6	AROCLOR-1248	1	110	110	7.5	U	
11097-69-1	AROCLOR-1254	1	110	110	13	U	
11096-82-5	AROCLOR-1260	1	110	110	8.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	38		55.5	68	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	36.8	*	55.5	66	70 - 125

Data Package ID: PT0703072-1

PCBs

Method SW8082

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Lab ID: EX070309-5LCS

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/13/2007

Prep Method: SW3540C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029063

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	167	33.3		100	40 - 140%
11096-82-5	AROCLOR-1260	167	163	33.3		98	60 - 130%

Lab ID: EX070309-5LCSD

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/13/2007

Prep Method: SW3540C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070313-1

Cleanup: SW3665

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029064

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	163	33.3		98	50	3
11096-82-5	AROCLOR-1260	167	167	33.3		100	50	2

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	94		96		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	98		100		70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

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PCBs

Method SW8082

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

Client/Project ID: SJC Well 2 4165-030

Lab ID: EX070309-5LCSRR1

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/14/2007

Prep Method: SW3540C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029086

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	178	33.3		107	40 - 140%
11096-82-5	AROCLOR-1260	167	162	33.3		97	60 - 130%

Lab ID: EX070309-5LCSDDR1

Sample Matrix: SLUDGE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/09/2007

Date Analyzed: 03/14/2007

Prep Method: SW3540C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029087

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	175	33.3		105	50	1
11096-82-5	AROCLOR-1260	167	168	33.3		101	50	4

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	91		93		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	104		105		70 - 125

Data Package ID: PT0703072-2

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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PCBs

Method SW8082

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0703072

Client Name: S.M. Stoller Corporation

ClientProject ID: SJC Well 2 4165-030

Field ID: CC4B-030707-08

LabID: 0703072-8MS

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.13 g

Final Volume: 10 ml

Result Units: ug/kg

File Name: EA029092

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
12674-11-2	AROCOR-1016	100	U	323		104	519	62	40 - 140%
11096-82-5	AROCOR-1260	100	U	327		104	519	63	60 - 130%

Field ID: CC4B-030707-08

LabID: 0703072-8MSD

Sample Matrix: SLUDGE

% Moisture: 68.0

Date Collected: 07-Mar-07

Date Extracted: 09-Mar-07

Date Analyzed: 14-Mar-07

Prep Method: SW3540 Rev C

Prep Batch: EX070309-5

QCBatchID: EX070309-5-1

Run ID: PT070314-1

Cleanup: SW3665, SW3660

Basis: Dry Weight

Sample Aliquot: 30.2 g

Final Volume: 10 ml

Result Units: ug/kg

File Name: EA029093

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
12674-11-2	AROCOR-1016	367		518	71	104	50	13
11096-82-5	AROCOR-1260	336		518	65	104	50	3

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	51.9	52	*	50	*	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	51.9	72		79		70 - 125

Data Package ID: PT0703072-1

Date Printed: Wednesday, March 21, 2007

Paragon Analytics

LIMS Version: 5.494A

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NCR # 008598**CONTROLLED**

Paragon Analytics

NON-CONFORMANCE REPORT

Initiated by JP Date 3/15/07 Method/Procedure 8082
Reason: ☒ Non-Conformance Work Orders Affected 0703072
☐ Client Inquiry Batches Affected (optional) _____
☐ Other Clients Stoller Navarro NV JP 3/15/07

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 _____

Actions to Prevent Recurrence (Retrain, etc.): _____

Explanation: TCMX+DCB recoveries for samples1, 9, 10, + 11 are below the 70% and 60%

LCL at:	TCMX	DCB
1	49.5%	53.4%
9	49.9%	51.8%
10	46.2%	51.2%
11	44.7%	54.0%

Sample 1 re-injected 3/15/07 with similar results.Samples 9, 10, 11 were originally injected on 3/13/07 (prior to sulfur clean-up) with similar results. All samples are "Non-Defects" for PCBs**SECTION II NOTIFICATION**Client Contacted? (Y/N) (Y) Name Jeff Wurtz Date: 3/15/07 Time: email 1055 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: M DPM JP PM 3/15/07**SECTION IV REQUEST FOR REWORK**

Initial Batch ID: _____ Date: _____

Reworked Batch ID: 3/14 3/15/07 Date: _____Outcome: JP _____

Approved by: _____

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

SECTION V DISPOSITIONUse as is

Repair

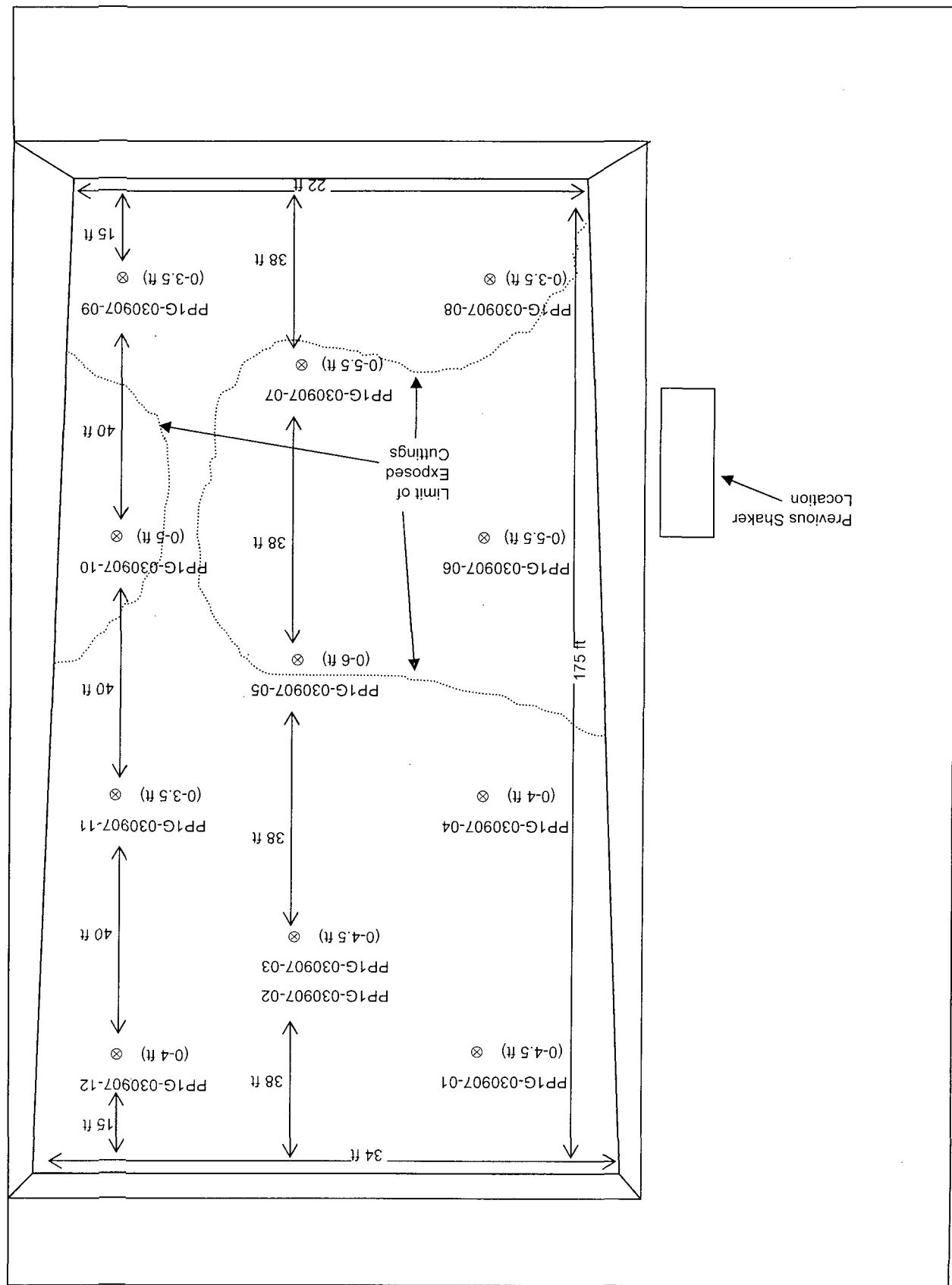
Reject

SECTION VI COMMENTS**SECTION VII APPROVAL SIGNATURES**Project Manager (PM) Debbie FazioDate 3/15/07Department Manager (DPM) JPDate 3-15-07

(Verification of Disposition)

QA Manager Rob ShawDate 3/16/07**SECTION VIII DISTRIBUTION** JP PM JP Dept. Manager KK Lab Director JP Rpt. Group or JP Rad

PO PIPKIN #1G SITE DIAGRAM AND SAMPLING LOCATIONS



Privileged and Confidential
 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

Client/Proj Name	Field ID	Lab ID	QC Type	CAS NO	IndRef Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
SJC Well 3	PP1G-030907-01	0703089-1	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.69	G		0.49
SJC Well 3	PP1G-030907-01	0703089-1	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.22	G		0.76
SJC Well 3	PP1G-030907-10	0703089-10	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.16	G		0.58
SJC Well 3	PP1G-030907-11	0703089-11	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.79	G		0.6
SJC Well 3	PP1G-030907-12	0703089-12	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.73	G		0.52
SJC Well 3	PP1G-030907-12	0703089-12	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.47	G		0.69
SJC Well 3	PP1G-030907-02	0703089-2	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.86	G		0.48
SJC Well 3	PP1G-030907-02	0703089-2	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.06	G		0.88
SJC Well 3	PP1G-030907-03	0703089-3	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.97	G		0.51
SJC Well 3	PP1G-030907-04	0703089-4	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.59	G		0.84
SJC Well 3	PP1G-030907-05	0703089-5	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.39	G		0.5
SJC Well 3	PP1G-030907-05	0703089-5	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.11	G		0.96
SJC Well 3	PP1G-030907-06	0703089-6	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.32	G		0.4
SJC Well 3	PP1G-030907-07	0703089-7	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.45	G		0.6
SJC Well 3	PP1G-030907-07	0703089-7	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.41	G		0.92
SJC Well 3	PP1G-030907-08	0703089-8	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.73	G		0.46
SJC Well 3	PP1G-030907-08	0703089-8	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.48	G		0.97
SJC Well 3	PP1G-030907-09	0703089-9	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.85	G		0.43
SJC Well 3	PP1G-030907-09	0703089-9	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.72	G		0.78
SJC Well 3	PP1G-030907-04	0703089-4	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.28	G		0.93
SJC Well 3	PP1G-030907-06	0703089-6	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	0.91	LI G		0.49
SJC Well 3	PP1G-030907-10	0703089-10	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.35	M3 G		1.07
SJC Well 3	PP1G-030907-11	0703089-11	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.21	M3 G		1.05
SJC Well 3	PP1G-030907-11	0703089-11	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.74	M3 G		1.12
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	786			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	2070			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1639			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	746			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1119			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1168			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1185			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	2190			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1075			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1491			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1604			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	875			
SJC Well 3	PP1G-030907-01	0703089-1	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4600			
SJC Well 3	PP1G-030907-01	0703089-1	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	4900			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	50	MG/KG	4100			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	970			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	6100			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2400			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4000			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	3700			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	4800			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3600			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5100			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3700			

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDE	MDC
SJC Well 3	PP1G-030907-04	0703089-4	SMP	16887-79-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	2000			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	810			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	16887-79-8	CHLORIDE	EPA300.0	SLUDGE	5	MG/KG	2000			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	5	MG/KG	510			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	16887-79-8	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	960			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	920			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	16887-79-8	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5200			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2800			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	16887-79-8	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5800			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3200			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	16887-79-8	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4200			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	3800			
SJC Well 3	PP1G-030907-01	0703089-14	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.022	B	0.0057	
SJC Well 3	PP1G-030907-02	0703089-15	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.56	B	0.0011	
SJC Well 3	PP1G-030907-02	0703089-15	SMP	7782-49-2	SELENIUM	SW6010	LEACHATE	1	MG/L	0.047	B	0.036	
SJC Well 3	PP1G-030907-03	0703089-16	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.52	B	0.0011	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.69	B	0.0011	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.063	B	0.0043	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.62	B	0.0011	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.022	B	0.0057	
SJC Well 3	PP1G-030907-06	0703089-19	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.76	B	0.0011	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.48	B	0.0011	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0061	B	0.0057	
SJC Well 3	PP1G-030907-08	0703089-21	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.37	B	0.0011	
SJC Well 3	PP1G-030907-09	0703089-22	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.59	B	0.0011	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.67	B	0.0011	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0045	B	0.0043	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.018	B	0.0057	
SJC Well 3	PP1G-030907-11	0703089-23	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.023	B	0.018	
SJC Well 3	PP1G-030907-11	0703089-24	SMP	7440-39-3	BARIIUM	SW6010	LEACHATE	1	MG/L	0.42	B	0.0011	
SJC Well 3	PP1G-030907-11	0703089-24	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0057	B	0.0057	
SJC Well 3	PP1G-030907-12	0703089-25	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.023	B	0.018	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.56	B	0.15	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.33	B	0.11	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.3	B	1.2	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.1	B	2.9	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.43	B	0.17	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.13	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.28	B	0.24	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2	B	2.7	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.16	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.17	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.37	B	0.074	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.19	B	0.13	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.51	B	0.079	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.19	B	0.054	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.42	B	0.14	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.48	B	0.17	

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Client/Pro Name	Field ID	Lab ID	OC Typ	CAS NO.	Int Test Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.4	B	0.12	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.4	B	1.3	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.33	B	0.22	
SJC Well 3	PTTG-030907-01	0703089-14	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	1.3		0.0011	
SJC Well 3	PTTG-030907-01	0703089-14	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.058		0.018	
SJC Well 3	PTTG-030907-12	0703089-25	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	11		0.0011	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5		2.6	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-39-3	BARUM	SW6010	SLUDGE	5	MG/KG	10000		0.26	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	15		0.3	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.2	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.9	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.2	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.067	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	95		1.4	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	3.9		1.9	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-39-3	BARUM	SW6010	SLUDGE	5	MG/KG	7100		0.19	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	15		0.22	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	89		0.15	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		2.1	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	35		0.85	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	210		0.048	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	120		1	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-39-3	BARUM	SW6010	SLUDGE	5	MG/KG	11000		0.29	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	16		0.33	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.23	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	12000		3.2	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	22		1.3	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.074	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	92		1.6	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.9		2.2	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-39-3	BARUM	SW6010	SLUDGE	5	MG/KG	10000		0.23	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.26	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	29		0.18	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.5	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	20		1	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.058	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-39-3	BARUM	SW6010	SLUDGE	1	MG/KG	94		1.2	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	5	MG/KG	12000		0.28	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	15		0.32	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	25		0.22	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	13000		3.1	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	15		1.3	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	240		0.071	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	90		1.5	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-39-3	BARUM	SW6010	SLUDGE	5	MG/KG	6.3		2.9	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13000		0.3	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	16		0.34	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	24		0.23	

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SJC Well 3	PP1G-030907-03	0703089-3	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	14000		3.3	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.076	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	91		1.6	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.7		1.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-39-3	BARIIUM	SW6010	SLUDGE	5	MG/KG	6700		0.13	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	11		0.15	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	23		0.1	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	15000		1.4	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	13		0.58	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.032	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.5		0.82	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	66		0.69	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.2		1.3	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-39-3	BARIIUM	SW6010	SLUDGE	1	MG/KG	1900		0.027	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.16	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	18		0.11	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	14000		1.5	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	11		0.61	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.034	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.5		0.87	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	73		0.73	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	51		0.92	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-39-3	BARIIUM	SW6010	SLUDGE	1	MG/KG	1100		0.019	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	8.6		0.11	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-89-6	COPPER	SW6010	SLUDGE	1	MG/KG	21		0.072	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-92-1	IRON	SW6010	SLUDGE	1	MG/KG	19000		1	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	16		0.42	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	260		0.024	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	1.3		0.6	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3		0.5	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-39-3	BARIIUM	SW6010	SLUDGE	1	MG/KG	63		2.4	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	5	MG/KG	5000		0.25	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-89-6	COPPER	SW6010	SLUDGE	1	MG/KG	17		0.28	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-50-8	IRON	SW6010	SLUDGE	1	MG/KG	33		0.19	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	15000		2.8	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	16		1.1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	260		0.063	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	94		1.3	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-39-3	BARIIUM	SW6010	SLUDGE	1	MG/KG	53		2.8	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	2700		0.057	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	19		0.33	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	34		0.22	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	16000		3.2	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	230		0.072	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	96		1.5	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2		2	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
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Client/Proj Name	Field ID	Lab ID	GC Typ	CASNO	Test Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1300		0.041	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.24	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	28		0.16	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	18000		2.3	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		0.93	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.053	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	86		1.1	
SJC Well 3	PTIG-030907-01	0703089-1	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1700		1.3	
SJC Well 3	PTIG-030907-10	0703089-10	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1200		0.94	
SJC Well 3	PTIG-030907-11	0703089-11	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.4	
SJC Well 3	PTIG-030907-12	0703089-12	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.1	
SJC Well 3	PTIG-030907-02	0703089-2	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PTIG-030907-03	0703089-3	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.5	
SJC Well 3	PTIG-030907-04	0703089-4	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	840		0.64	
SJC Well 3	PTIG-030907-05	0703089-5	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.67	
SJC Well 3	PTIG-030907-06	0703089-6	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	750		0.46	
SJC Well 3	PTIG-030907-07	0703089-7	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1400		1.2	
SJC Well 3	PTIG-030907-08	0703089-8	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1300		1	
SJC Well 3	PTIG-030907-04	0703089-17	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000057	B	0.000049	
SJC Well 3	PTIG-030907-05	0703089-18	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000066	B	0.000049	
SJC Well 3	PTIG-030907-06	0703089-19	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000083	B	0.000049	
SJC Well 3	PTIG-030907-07	0703089-20	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000077	B	0.000049	
SJC Well 3	PTIG-030907-08	0703089-21	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000089	B	0.000049	
SJC Well 3	PTIG-030907-09	0703089-22	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000051	B	0.000049	
SJC Well 3	PTIG-030907-11	0703089-24	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.0001	B	0.000049	
SJC Well 3	PTIG-030907-12	0703089-25	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MGL	0.000093	B	0.000049	
SJC Well 3	PTIG-030907-01	0703089-1	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.038	B	0.004	
SJC Well 3	PTIG-030907-10	0703089-10	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0031	
SJC Well 3	PTIG-030907-11	0703089-11	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.024	B	0.0043	
SJC Well 3	PTIG-030907-12	0703089-12	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.044	B	0.0036	
SJC Well 3	PTIG-030907-02	0703089-2	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0045	
SJC Well 3	PTIG-030907-03	0703089-3	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0044	
SJC Well 3	PTIG-030907-04	0703089-4	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.029	B	0.002	
SJC Well 3	PTIG-030907-05	0703089-5	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.026	B	0.0021	
SJC Well 3	PTIG-030907-06	0703089-6	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0015	
SJC Well 3	PTIG-030907-07	0703089-7	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0038	
SJC Well 3	PTIG-030907-08	0703089-8	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.042	B	0.0044	
SJC Well 3	PTIG-030907-09	0703089-9	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.041	B	0.0032	
SJC Well 3	PTIG-030907-01	0703089-1	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	374	GH	0.17	
SJC Well 3	PTIG-030907-02	0703089-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	100	GH	0.2	
SJC Well 3	PTIG-030907-03	0703089-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	GH	0.21	
SJC Well 3	PTIG-030907-05	0703089-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	24	GH	0.09	
SJC Well 3	PTIG-030907-06	0703089-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	14	GH	0.074	
SJC Well 3	PTIG-030907-08	0703089-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	GH	0.19	
SJC Well 3	PTIG-030907-10	0703089-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	73	GH	0.15	
SJC Well 3	PTIG-030907-12	0703089-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	110	GH	0.17	
SJC Well 3	PTIG-030907-04	0703089-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	98	GH	0.99	

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Client/ProjName	FieldID	LabID	QCType	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PTTG-030907-07	0703089-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	62	G.H	0.18	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	160	G.H	1.6	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	150	H	2.1	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3200	D	8.2	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4200	D	8.8	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	9.3	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1300	D	4.2	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	770	D	3.1	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4600	D	7.6	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4500	D	8.9	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	720	D	6.6	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	5	MG/KG	8000	D	32	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4900	D	9	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3400	D	7.3	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	86334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	4.1	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	6600	B	1600	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	4400	B	1300	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	7200	B	1800	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	21000	B	1500	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8100	B	1800	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8700	B	1900	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	5400	B	810	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	3300	B	840	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	2300	B	630	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8300	B	1500	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	19000	B	1800	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	14000	B	1300	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.0097	J	0.0083	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.009	J	0.0083	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.009	J	0.0083	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	420	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	95-47-6	OXYLENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	630	J	410	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	730	J	320	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	820	J	450	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	450	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400	J	450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	370	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	370	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000	J	370	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	630	J	370	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	610	J	370	

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SJC Well 3	PTTG-030907-12	0703089-12	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	J	370	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	860	J	370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	800	J	440	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	440	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	440	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	730	J	440	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	760	J	440	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	990	J	470	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	580	J	470	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	970	J	470	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	840	J	470	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	940	J	470	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1300	J	470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	340	J	200	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	200	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	580	J	200	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	J	200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	220	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	290	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	490	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	300	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	320	J	210	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	410	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	108-87-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	340	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	320	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	220	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	180	J	160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	170	J	160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	380	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	550	J	380	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	920	J	380	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	770	J	380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	440	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	540	J	440	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	440	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	590	J	330	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	330	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	910	J	330	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	850	J	330	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	6000	J	410	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600	J	410	

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Client/ProjName	FieldID	LabID	QCType	CASNO	IntTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-01	0703089-1	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	2900		410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400		410	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	11000		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2800		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1800		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	6100		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6500		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2800		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000		320	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1800		320	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	10000		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2900		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	5900		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	7800		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1700		450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2900		450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	5500		370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	2700		370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5500		370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		370	
SJC Well 3	PP1G-030907-2	0703089-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		440	
SJC Well 3	PP1G-030907-2	0703089-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		440	
SJC Well 3	PP1G-030907-2	0703089-2	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	3500		440	
SJC Well 3	PP1G-030907-2	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		440	
SJC Well 3	PP1G-030907-2	0703089-2	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7900		470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2300		470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	4100		470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6300		470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2000		470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	5700		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	900		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	136777-61-2	M-P-XYLENE	SW8260	SLUDGE	50	UG/KG	3600		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	3900		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	710		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	98-08-6	TERT-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1600		200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		210	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndtstName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-05	0703089-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	750		210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	1800		210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	2000		210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	800		210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	830		210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1500		160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	680		160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	950		160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3900		380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5400		380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300		380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1500		380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8900		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5600		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5100		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2300		440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	2300		440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8700		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5600		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	4500		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	2500		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	340	J	230	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	500	J	490	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	600	J	590	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	100-02-7	4-NITROPHENOL	SW8270	SLUDGE	2	UG/KG	2400	J	600	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1700	J	650	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4700	J	270	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9100		300	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		300	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2300		160	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4400		170	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1300		180	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2700		310	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1500		110	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		130	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

Client/Proj Name	Field ID	Lab ID	QC Typ	CAS NO	Ind Test Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
SJC Well 3	PTTG-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		130	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5600		250	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	11000		270	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		280	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9500		300	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	17000		330	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4100		340	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	28000		470	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	28000		520	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	2	UG/KG	8000		530	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8900		340	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	15000		370	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3600		380	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	4100		660	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9700		330	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	18000		360	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4200		370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2200		650	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	10000		350	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	19000		380	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4500		390	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2400		690	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5200		150	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9300		170	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		170	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1600		300	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	13000		290	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	21000		320	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4800		320	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8300		330	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	16000		360	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3900		370	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	9.63			
SJC Well 3	PTTG-030907-10	0703089-10	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.45			
SJC Well 3	PTTG-030907-11	0703089-11	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.23			
SJC Well 3	PTTG-030907-12	0703089-12	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	10.55			
SJC Well 3	PTTG-030907-02	0703089-2	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.92			
SJC Well 3	PTTG-030907-03	0703089-3	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.95			
SJC Well 3	PTTG-030907-04	0703089-4	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.84			
SJC Well 3	PTTG-030907-05	0703089-5	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.43			
SJC Well 3	PTTG-030907-06	0703089-6	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.12			
SJC Well 3	PTTG-030907-07	0703089-7	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.2			
SJC Well 3	PTTG-030907-08	0703089-8	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.24			
SJC Well 3	PTTG-030907-09	0703089-9	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.13			
SJC Well 3	PTTG-030907-01	0703089-1	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400			
SJC Well 3	PTTG-030907-10	0703089-10	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	4400			
SJC Well 3	PTTG-030907-11	0703089-11	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PTTG-030907-12	0703089-12	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	26000			

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 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

Client/Proj/Name	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-02	0703089-2	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1100			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1100			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	870			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	320			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	420			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	25000			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1300			

LCS = Laboratory Control Sample
MDL=Minimum Detection Limit
MCL=Minimum Detectable Concentration for Radium

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
J = Estimated value.

Qualifiers for TPH/GRO/DRO
D = A pattern resembling diesel was detected in this sample.
G = A pattern resembling gasoline was detected in this sample.
H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

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.

Qualifiers for Radium
G = Sample density differs by more than 15% of LCS density.
LT = Result is less than the requested MDC and greater than the sample specific MDC.
M3 = The requested MDC was not met, but the reported activity is greater than the reported MDC.
T1 = Nuclide identification is tentative.

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PTTG-030907-01	0703089-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8000		410	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	11000		320	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	10000		450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	5500		370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7900		470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	5700		200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		210	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8900		440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8700		330	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	4100	J	160	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		410	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		320	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2900		450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2300		470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	750		210	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		330	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4700		270	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2300		160	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1500		110	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5600		250	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9500		300	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	26000		470	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8900		340	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9700		330	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	10000		350	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5200		150	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	13000		290	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8300		330	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9100		300	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4400		170	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		130	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	17000		270	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	17000		330	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	28000		520	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	15000		370	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	18000		360	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	19000		380	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9300		170	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	21000		320	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	16000		360	

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Client/ProjName	FieldID	LabID	QCType	CASNO	IndTesName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDC
SJC Well 3	PTTG-030907-10	0703089-10	SMP	100-02-7	4-NITROPHENOL	SW8270	SLUDGE	2	UG/KG	2400	J	600
SJC Well 3	PTTG-030907-01	0703089-1	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	6600	B	1600
SJC Well 3	PTTG-030907-10	0703089-10	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	4400	B	1300
SJC Well 3	PTTG-030907-11	0703089-11	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	7200	B	1800
SJC Well 3	PTTG-030907-12	0703089-12	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	21000	B	1500
SJC Well 3	PTTG-030907-02	0703089-2	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8100	B	1800
SJC Well 3	PTTG-030907-03	0703089-3	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8700	B	1900
SJC Well 3	PTTG-030907-04	0703089-4	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	5400	B	810
SJC Well 3	PTTG-030907-05	0703089-5	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	3300	B	840
SJC Well 3	PTTG-030907-06	0703089-6	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	2300	B	630
SJC Well 3	PTTG-030907-07	0703089-7	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8300	B	1500
SJC Well 3	PTTG-030907-08	0703089-8	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	19000	B	1800
SJC Well 3	PTTG-030907-09	0703089-9	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	14000	B	1300
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	51	B	2.9
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	52	B	2.7
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5	B	2.6
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	3.9	B	1.9
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.9	B	2.2
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3	B	2.9
SJC Well 3	PTTG-030907-04	0703089-4	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.7	B	1.3
SJC Well 3	PTTG-030907-05	0703089-5	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.2	B	1.3
SJC Well 3	PTTG-030907-06	0703089-6	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5	B	0.92
SJC Well 3	PTTG-030907-07	0703089-7	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3	B	2.4
SJC Well 3	PTTG-030907-08	0703089-8	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.3	B	2.8
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2	B	2
SJC Well 3	PTTG-030907-02	0703089-15	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.56	B	0.0011
SJC Well 3	PTTG-030907-16	0703089-16	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.52	B	0.0011
SJC Well 3	PTTG-030907-04	0703089-17	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.69	B	0.0011
SJC Well 3	PTTG-030907-05	0703089-18	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.62	B	0.0011
SJC Well 3	PTTG-030907-06	0703089-19	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.76	B	0.0011
SJC Well 3	PTTG-030907-07	0703089-20	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.48	B	0.0011
SJC Well 3	PTTG-030907-08	0703089-21	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.37	B	0.0011
SJC Well 3	PTTG-030907-09	0703089-22	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.59	B	0.0011
SJC Well 3	PTTG-030907-10	0703089-23	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.67	B	0.0011
SJC Well 3	PTTG-030907-11	0703089-24	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.42	B	0.0011
SJC Well 3	PTTG-030907-01	0703089-14	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.3	B	0.0011
SJC Well 3	PTTG-030907-12	0703089-25	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.1	B	0.0011
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000	B	0.26
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	7100	B	0.19
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	11000	B	0.29
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000	B	0.23
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	12000	B	0.28
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	13000	B	0.3
SJC Well 3	PTTG-030907-04	0703089-4	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	6700	B	0.13
SJC Well 3	PTTG-030907-05	0703089-5	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1900	B	0.027
SJC Well 3	PTTG-030907-06	0703089-6	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1100	B	0.019
SJC Well 3	PTTG-030907-07	0703089-7	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	5000	B	0.25
SJC Well 3	PTTG-030907-08	0703089-8	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	2700	B	0.057

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndstName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1300		0.041	
SJC Well 3	PP1G-030907-01	0703089-14	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.0097	J	0.0083	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.01	J	0.0083	
SJC Well 3	PP1G-030907-08	0703089-21	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.009	J	0.0083	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	420	J	410	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	340	J	200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	220	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	340	J	160	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	540	J	440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	71-43-2	BENZENE	SW8260	SLUDGE	50	UG/KG	590	J	330	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0053	B	0.0043	
SJC Well 3	PP1G-030907-01	0703089-23	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0045	B	0.0043	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.56	B	0.15	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.33	B	0.11	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.43	B	0.17	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.13	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.16	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.46	B	0.17	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.37	B	0.074	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.51	B	0.079	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.19	B	0.054	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.42	B	0.14	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.48	B	0.17	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-43-9	CADMIUM	SW6010	SLUDGE	1	MG/KG	0.4	B	0.12	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4600			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	50	MG/KG	4100			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	6100			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4000			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	4800			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5100			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	2000			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	5	MG/KG	2000			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	960			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5200			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	5800			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	10	MG/KG	4200			
SJC Well 3	PP1G-030907-01	0703089-14	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.022	B	0.0057	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0061	B	0.0057	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.018	B	0.0057	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0057	B	0.0057	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	15		0.3	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	15		0.22	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	16		0.33	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.26	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	15		0.32	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	16		0.34	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	11		0.15	

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SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-47-3	CHROMIUM	SW8010	SLUDGE	1	MG/KG	13		0.16	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-47-3	CHROMIUM	SW8010	SLUDGE	1	MG/KG	8.6		0.11	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-47-3	CHROMIUM	SW8010	SLUDGE	1	MG/KG	17		0.28	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-47-3	CHROMIUM	SW8010	SLUDGE	1	MG/KG	49		0.33	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-47-3	CHROMIUM	SW8010	SLUDGE	1	MG/KG	13		0.24	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	27		0.2	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	69		0.15	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	27		0.23	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	29		0.18	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	25		0.22	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	24		0.23	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	23		0.1	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	18		0.11	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	33		0.072	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	33		0.19	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	34		0.22	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-50-8	COPPER	SW8010	SLUDGE	1	MG/KG	28		0.16	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3200		8.2	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4200		8.8	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800		9.3	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1300		4.2	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	770		3.1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4600		7.6	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4500		8.9	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	720		6.6	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	5	MG/KG	8000		32	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4900		9	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3400		7.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800		4.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	680		410	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	640		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	800		440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	990		470	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	440		210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	320		160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		380	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1800		320	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		450	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	900		200	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	37		0.17	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	100		0.2	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92		0.21	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	24		0.09	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	14		0.074	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92		0.19	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	73		0.15	

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SJC Well 3	PT1G-030907-12	0703089-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	110	G.H	0.17	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	98	G.H	0.99	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	62	G.H	0.18	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	160	G.H	1.6	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	150	G.H	2.1	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	16000		2.9	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	13000		21	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	12000		3.2	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	16000		2.5	
SJC Well 3	PT1G-030907-02	0703089-2	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	13000		3.1	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	14000		3.3	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	15000		1.4	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	14000		1.5	
SJC Well 3	PT1G-030907-06	0703089-6	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	19000		1	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	15000		2.8	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	16000		3.2	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	7439-89-6	IRON	SW8010	SLUDGE	1	MG/KG	10000		2.3	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	730	J	320	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	820	J	450	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	370	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	580	J	470	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	200	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	210	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	550	J	380	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	440	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	330	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	7439-92-1	LEAD	SW8010	LEACHATE	1	MG/L	0.023	B	0.018	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	7439-92-1	LEAD	SW8010	LEACHATE	1	MG/L	0.023	B	0.018	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	7439-92-1	LEAD	SW8010	LEACHATE	1	MG/L	0.058		0.018	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	18		1.2	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	35		0.85	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	22		1.3	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	20		1	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	15		1.3	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	13		0.58	
SJC Well 3	PT1G-030907-06	0703089-6	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	11		0.61	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	16		0.42	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	16		1.1	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	7439-92-1	LEAD	SW8010	SLUDGE	1	MG/KG	18		0.93	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	2900		410	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	6100		320	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5900		450	
SJC Well 3	PT1G-030907-02	0703089-2	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	2700		370	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3500		440	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	4100		470	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3600		200	

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PTTG-030907-05	0703089-5	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	1800		210	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3900		380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5600		440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5600		330	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.067	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	210		0.048	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.074	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.058	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.071	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.076	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.032	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.034	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.024	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.063	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.072	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.053	
SJC Well 3	PTTG-030907-04	0703089-17	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000057	B	0.000049	
SJC Well 3	PTTG-030907-05	0703089-18	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.00006	B	0.000049	
SJC Well 3	PTTG-030907-06	0703089-19	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000083	B	0.000049	
SJC Well 3	PTTG-030907-07	0703089-20	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000077	B	0.000049	
SJC Well 3	PTTG-030907-08	0703089-21	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000089	B	0.000049	
SJC Well 3	PTTG-030907-09	0703089-22	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000051	B	0.000049	
SJC Well 3	PTTG-030907-11	0703089-24	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.0001	B	0.000049	
SJC Well 3	PTTG-030907-12	0703089-25	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000093	B	0.000049	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.038	B	0.004	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.024	B	0.0031	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0043	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.044	B	0.0036	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0045	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0044	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.029	B	0.002	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.026	B	0.0021	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0015	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0038	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.042	B	0.0044	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.041	B	0.0032	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		410	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6500		320	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	7800		450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5500		370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6300		470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	3900		200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	2000		210	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1500		160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	380		380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5100		440	

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PT1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	4500		330	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		300	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1300		180	
SJC Well 3	PT1G-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		130	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		280	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4100		340	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	2	UG/KG	8000		530	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3600		380	
SJC Well 3	PT1G-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4200		370	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4500		390	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		170	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4800		320	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3900		370	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000	J	370	
SJC Well 3	PT1G-030907-02	0703089-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	440	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	490	J	210	
SJC Well 3	PT1G-030907-06	0703089-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	160	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		320	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1700		450	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		470	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000		200	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300		380	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		440	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300		330	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PT1G-030907-11	0703089-11	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	450	
SJC Well 3	PT1G-030907-12	0703089-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	830	J	370	
SJC Well 3	PT1G-030907-02	0703089-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	440	
SJC Well 3	PT1G-030907-03	0703089-3	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	970	J	470	
SJC Well 3	PT1G-030907-05	0703089-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	300	J	210	
SJC Well 3	PT1G-030907-06	0703089-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	220	J	160	
SJC Well 3	PT1G-030907-07	0703089-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	920	J	380	
SJC Well 3	PT1G-030907-08	0703089-8	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PT1G-030907-10	0703089-10	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		320	
SJC Well 3	PT1G-030907-04	0703089-4	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	710		200	
SJC Well 3	PT1G-030907-09	0703089-9	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		330	
SJC Well 3	PT1G-030907-01	0703089-1	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400			
SJC Well 3	PT1G-030907-10	0703089-10	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	4400			
SJC Well 3	PT1G-030907-11	0703089-11	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PT1G-030907-12	0703089-12	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	26000			
SJC Well 3	PT1G-030907-02	0703089-2	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1100			
SJC Well 3	PT1G-030907-03	0703089-3	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	870			
SJC Well 3	PT1G-030907-04	0703089-4	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	320			
SJC Well 3	PT1G-030907-05	0703089-5	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	420			
SJC Well 3	PT1G-030907-06	0703089-6	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PT1G-030907-07	0703089-7	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	25000			
SJC Well 3	PT1G-030907-08	0703089-8	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG				

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
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Client/Proj Name	Field ID	Lab ID	QC Type	CAS NO	Ind Test Name	Anal Method	Matrix	Anal Dil	Report Units	Final Result	Flag	MDL	MDC
SJC Well 3	PTTG-030907-09	0703089-9	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1300			
SJC Well 3	PTTG-030907-01	0703089-1	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2800		320	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2900		450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2000		470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	800		210	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	880		160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2300		440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2600		330	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	9.63			
SJC Well 3	PTTG-030907-10	0703089-10	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.45			
SJC Well 3	PTTG-030907-11	0703089-11	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.23			
SJC Well 3	PTTG-030907-12	0703089-12	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	10.55			
SJC Well 3	PTTG-030907-02	0703089-2	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.92			
SJC Well 3	PTTG-030907-03	0703089-3	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.95			
SJC Well 3	PTTG-030907-04	0703089-4	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.84			
SJC Well 3	PTTG-030907-05	0703089-5	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.43			
SJC Well 3	PTTG-030907-06	0703089-6	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.12			
SJC Well 3	PTTG-030907-07	0703089-7	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.2			
SJC Well 3	PTTG-030907-08	0703089-8	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.24			
SJC Well 3	PTTG-030907-09	0703089-9	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.13			
SJC Well 3	PTTG-030907-06	0703089-6	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	340	J	230	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	500	J	490	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	600	J	590	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1700	J	650	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2700		310	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	4100		660	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2200		650	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2400		690	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1600		300	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	630	J	410	
SJC Well 3	PTTG-030907-11	0703089-11	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100		450	
SJC Well 3	PTTG-030907-12	0703089-12	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	610	J	370	
SJC Well 3	PTTG-030907-02	0703089-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	730	J	440	
SJC Well 3	PTTG-030907-03	0703089-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	840	J	470	
SJC Well 3	PTTG-030907-04	0703089-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	580	J	200	
SJC Well 3	PTTG-030907-05	0703089-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	300	J	210	
SJC Well 3	PTTG-030907-06	0703089-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	180	J	160	
SJC Well 3	PTTG-030907-07	0703089-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	770	J	380	
SJC Well 3	PTTG-030907-08	0703089-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PTTG-030907-09	0703089-9	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	910	J	330	
SJC Well 3	PTTG-030907-10	0703089-10	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100		320	
SJC Well 3	PTTG-030907-01	0703089-1	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.69	G		0.49
SJC Well 3	PTTG-030907-10	0703089-10	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.6	G		0.58

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-11	0703089-11	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	179	G		0.6
SJC Well 3	PP1G-030907-12	0703089-12	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	173	G		0.52
SJC Well 3	PP1G-030907-02	0703089-2	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	186	G		0.48
SJC Well 3	PP1G-030907-03	0703089-3	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	197	G		0.51
SJC Well 3	PP1G-030907-04	0703089-4	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	159	G		0.84
SJC Well 3	PP1G-030907-05	0703089-5	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	139	G		0.5
SJC Well 3	PP1G-030907-06	0703089-6	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	132	G		0.4
SJC Well 3	PP1G-030907-07	0703089-7	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	145	G		0.6
SJC Well 3	PP1G-030907-08	0703089-8	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	173	G		0.46
SJC Well 3	PP1G-030907-09	0703089-9	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	185	G		0.43
SJC Well 3	PP1G-030907-10	0703089-10	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	122	G		0.76
SJC Well 3	PP1G-030907-12	0703089-12	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	147	G		0.69
SJC Well 3	PP1G-030907-02	0703089-2	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	106	G		0.88
SJC Well 3	PP1G-030907-05	0703089-5	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	111	G		0.96
SJC Well 3	PP1G-030907-07	0703089-7	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	141	G		0.92
SJC Well 3	PP1G-030907-08	0703089-8	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	148	G		0.97
SJC Well 3	PP1G-030907-09	0703089-9	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	172	G		0.78
SJC Well 3	PP1G-030907-11	0703089-11	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	128	G, T1		0.93
SJC Well 3	PP1G-030907-04	0703089-4	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	091	LT, G		0.49
SJC Well 3	PP1G-030907-10	0703089-10	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	135	M3, G		1.07
SJC Well 3	PP1G-030907-11	0703089-11	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	121	M3, G		1.05
SJC Well 3	PP1G-030907-03	0703089-3	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	174	M3, G		1.12
SJC Well 3	PP1G-030907-01	0703089-1	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	880	J	410	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	1700	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	590	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	760	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	940	J	470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	590	J	200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	320	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	170	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	840	J	380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	850	J	330	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	135-98-8	SEC-BUTYL BENZENE	SW8260	SLUDGE	50	UG/KG	1000	J	320	
SJC Well 3	PP1G-030907-02	0703089-15	SMP	7782-49-2	SELENIUM	SW6010	LEACHATE	1	MG/L	0.047	B	0.036	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	13	B	1.2	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	14	B	1.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	15		0.82	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	15		0.87	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	13		0.6	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.28	B	0.24	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.19	B	0.13	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-22-4	SILVER	SW6010	SLUDGE	1	MG/KG	0.33	B	0.22	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	786			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	2070			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1639			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	746			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1119			

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Client/Proj Name	FieldID	LabID	QCTYP	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-03	0703089-3	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1168			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1185			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	2190			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1075			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1491			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	1604			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SLUDGE	1	UMHOS/CM	875			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	4900			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	970			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2400			
SJC Well 3	PP1G-030907-13	0703089-13	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	3700			
SJC Well 3	PP1G-030907-14	0703089-14	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3600			
SJC Well 3	PP1G-030907-15	0703089-15	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3700			
SJC Well 3	PP1G-030907-16	0703089-16	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	810			
SJC Well 3	PP1G-030907-17	0703089-17	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	5	MG/KG	510			
SJC Well 3	PP1G-030907-18	0703089-18	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	920			
SJC Well 3	PP1G-030907-19	0703089-19	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2800			
SJC Well 3	PP1G-030907-20	0703089-20	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3200			
SJC Well 3	PP1G-030907-21	0703089-21	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	3800			
SJC Well 3	PP1G-030907-22	0703089-22	SMP	98-06-6	TERT-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		200	
SJC Well 3	PP1G-030907-23	0703089-23	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400		450	
SJC Well 3	PP1G-030907-24	0703089-24	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	860		370	
SJC Well 3	PP1G-030907-25	0703089-25	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1100		440	
SJC Well 3	PP1G-030907-26	0703089-26	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1300		470	
SJC Well 3	PP1G-030907-27	0703089-27	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400		410	
SJC Well 3	PP1G-030907-28	0703089-28	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1800		320	
SJC Well 3	PP1G-030907-29	0703089-29	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1600		200	
SJC Well 3	PP1G-030907-30	0703089-30	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	830		210	
SJC Well 3	PP1G-030907-31	0703089-31	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	950		160	
SJC Well 3	PP1G-030907-32	0703089-32	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1500		380	
SJC Well 3	PP1G-030907-33	0703089-33	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	2300		440	
SJC Well 3	PP1G-030907-34	0703089-34	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	2500		330	
SJC Well 3	PP1G-030907-35	0703089-35	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1700		1.3	
SJC Well 3	PP1G-030907-36	0703089-36	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1200		0.94	
SJC Well 3	PP1G-030907-37	0703089-37	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.4	
SJC Well 3	PP1G-030907-38	0703089-38	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.1	
SJC Well 3	PP1G-030907-39	0703089-39	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-40	0703089-40	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.5	
SJC Well 3	PP1G-030907-41	0703089-41	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	940		0.64	
SJC Well 3	PP1G-030907-42	0703089-42	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.67	
SJC Well 3	PP1G-030907-43	0703089-43	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	750		0.46	
SJC Well 3	PP1G-030907-44	0703089-44	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1400		1.2	
SJC Well 3	PP1G-030907-45	0703089-45	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-46	0703089-46	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1300		1	
SJC Well 3	PP1G-030907-47	0703089-47	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	95		1.4	
SJC Well 3	PP1G-030907-48	0703089-48	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	120		1	
SJC Well 3	PP1G-030907-49	0703089-49	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	92		1.6	
SJC Well 3	PP1G-030907-50	0703089-50	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	94		1.2	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits
 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	90		1.5	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	91		1.6	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	66		0.69	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	73		0.73	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	61		0.5	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	94		1.3	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	96		1.5	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	86		1.1	

LCS = Laboratory Control Sample
MDL=Minimum Detection Limit
MCL=Minimum Detectable Concentration for Radium

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
J = Estimated value.

Qualifiers for TPH/GRO/DRO
D = A pattern resembling diesel was detected in this sample.
G = A pattern resembling gasoline was detected in this sample.
H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

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.

Qualifiers for Radium
G = Sample density differs by more than 15% of LCS density.
LT = Result is less than the requested MDC and greater than the sample specific MDC.
M3 = The requested MDC was not met, but the reported activity is greater than the reported MDC.
TI = Nuclide identification is tentative.

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 "Preliminary" Summary of Analytical Results that Exceed Regulatory Limits.
 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

Sample ID	Sample Matrix	Parameter	Units	Result	MDL	Qualifier	EPA Region 9 PRGs	Exceedance of EPA Region 9 PRGs	NMED SSLs	Exceedance of NMED SSLs
PP1G-030907-02	SLUDGE	ARSENIC	mg/kg	5.2	2.7	B	1.60	3.60	17.70	
PP1G-030907-11	SLUDGE	ARSENIC	mg/kg	5.1	2.9	B	1.60	3.50	17.70	
PP1G-030907-03	SLUDGE	ARSENIC	mg/kg	6.3	2.9		1.60	4.70	17.70	
PP1G-030907-04	SLUDGE	ARSENIC	mg/kg	4.7	1.3		1.60	3.10	17.70	
PP1G-030907-05	SLUDGE	ARSENIC	mg/kg	4.2	1.3		1.60	2.60	17.70	
PP1G-030907-06	SLUDGE	ARSENIC	mg/kg	5.5	0.92		1.60	3.40	17.70	
PP1G-030907-07	SLUDGE	ARSENIC	mg/kg	6.3	2.4		1.60	4.70	17.70	
PP1G-030907-08	SLUDGE	ARSENIC	mg/kg	5.3	2.8		1.60	3.70	17.70	
PP1G-030907-09	SLUDGE	ARSENIC	mg/kg	5.2	2		1.60	3.60	17.70	
PP1G-030907-10	SLUDGE	ARSENIC	mg/kg	3.9	1.9		1.60	2.30	17.70	
PP1G-030907-12	SLUDGE	ARSENIC	mg/kg	5.9	2.2		1.60	4.30	17.70	
PP1G-030907-01	SLUDGE	URANIUM	ug/kg	1700	1.3		200.00	1500.00		
PP1G-030907-02	SLUDGE	URANIUM	ug/kg	1600	1.4		200.00	1300.00		
PP1G-030907-03	SLUDGE	URANIUM	ug/kg	1600	1.5		200.00	1400.00		
PP1G-030907-04	SLUDGE	URANIUM	ug/kg	940	0.64		200.00	740.00		
PP1G-030907-05	SLUDGE	URANIUM	ug/kg	920	0.67		200.00	720.00		
PP1G-030907-06	SLUDGE	URANIUM	ug/kg	750	0.46		200.00	550.00		
PP1G-030907-07	SLUDGE	URANIUM	ug/kg	1400	1.2		200.00	1200.00		
PP1G-030907-08	SLUDGE	URANIUM	ug/kg	1500	1.4		200.00	1300.00		
PP1G-030907-09	SLUDGE	URANIUM	ug/kg	1300	1		200.00	1100.00		
PP1G-030907-10	SLUDGE	URANIUM	ug/kg	1200	0.94		200.00	1000.00		
PP1G-030907-11	SLUDGE	URANIUM	ug/kg	1600	1.4		200.00	1400.00		
PP1G-030907-12	SLUDGE	URANIUM	ug/kg	1500	1.1		200.00	1300.00		

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium

^cReporting 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

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.

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"Preliminary" Summary of Analytical Results that Exceed Regulatory Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

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.

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 "Preliminary" Summary of DRO/GRO Analytical Results,
 New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit # 3

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
PP1G-030907-01	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	3200	8.2	D
PP1G-030907-02	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	4200	8.8	D
PP1G-030907-03	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	2800	9.3	D
PP1G-030907-04	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	2800	4.1	D
PP1G-030907-05	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	1300	4.2	D
PP1G-030907-06	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	770	3.1	D
PP1G-030907-07	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	4600	7.6	D
PP1G-030907-08	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	4500	8.9	D
PP1G-030907-09	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	720	6.6	D
PP1G-030907-10	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	8000	32	D
PP1G-030907-11	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	4900	9	D
PP1G-030907-12	SLUDGE	DIESEL RANGE ORGANICS	MG/KG	3400	7.3	D
PP1G-030907-01	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	37	0.17	G,H
PP1G-030907-02	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	100	0.2	G,H
PP1G-030907-03	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	92	0.21	G,H
PP1G-030907-04	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	98	0.99	G,H
PP1G-030907-05	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	24	0.09	G,H
PP1G-030907-06	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	14	0.074	G,H
PP1G-030907-07	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	62	0.18	G,H
PP1G-030907-08	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	92	0.19	G,H
PP1G-030907-09	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	160	1.6	G,H
PP1G-030907-10	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	73	0.15	G,H
PP1G-030907-11	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	150	2.1	H
PP1G-030907-12	SLUDGE	GASOLINE RANGE ORGANICS	MG/KG	110	0.17	G,H
PP1G-030907-01	SLUDGE	OIL AND GREASE	MG/KG	1400		
PP1G-030907-02	SLUDGE	OIL AND GREASE	MG/KG	1100		
PP1G-030907-03	SLUDGE	OIL AND GREASE	MG/KG	1100		
PP1G-030907-04	SLUDGE	OIL AND GREASE	MG/KG	870		
PP1G-030907-05	SLUDGE	OIL AND GREASE	MG/KG	320		
PP1G-030907-06	SLUDGE	OIL AND GREASE	MG/KG	420		
PP1G-030907-07	SLUDGE	OIL AND GREASE	MG/KG	1700		
PP1G-030907-08	SLUDGE	OIL AND GREASE	MG/KG	25000		
PP1G-030907-09	SLUDGE	OIL AND GREASE	MG/KG	1300		
PP1G-030907-10	SLUDGE	OIL AND GREASE	MG/KG	4400		

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"Preliminary" Summary of DRO/GRO Analytical Results, New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit # 3

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
PP1G-030907-11	SLUDGE	OIL AND GREASE	MG/KG	1700		
PP1G-030907-12	SLUDGE	OIL AND GREASE	MG/KG	26000		

^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.