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

March 26, 2007

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

Re: Paragon Workorder: 07-03-089
Client Project Name: SJC Well 3
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 13, 2007. The samples were scheduled for the following analyses:

PCBs	pages 1-19	GC/MS Semivolatiles	pages 1-53
Metals	pages 1-54	Gamma Spectroscopy	pages 1-37
Inorganics	pages 1-22	Total Volatile Petroleum Hydrocarbons	pages 1-21
Oil and Grease	pages 1-8	Total Extractable Hydrocarbons (Diesel)	pages 1-22
GC/MS Volatiles	pages 1-81		

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
(6 of 6)

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

UGTA Project [illegible] 0703089 Control No.: 000278

Analysis Request Chain of Custody Record

Page: 1 of 1

Sample Team: [illegible]

Site Name: [illegible]

Project No.: 4165-[illegible] ~~UGG6-790~~ [illegible]

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: 8602 1940 6691

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-489-0630

Report to: ~~J. Wurtz, SM STOLLER~~
7710 W. Cheyenne, Bldg 3
Las Vegas NV 89129
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
(1) PP1G-030907-01	3/9/07 1133	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1133	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~~	[illegible] 3/10/07	16-oz	Ice	ESP, SAR, PH, EC	
		LAST LINE					

Possible Hazards: Unknown Sample Disposal: By Lab QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP To FedEx / Ralph Rupp/Stoller (Signature/Affiliation)	Date: 03-12-07 Time: 0830	Received By: [signature] paragon (Signature/Affiliation)	Date: 3-13-07 Time: 0900
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:

Original: To accompany samples Copy: To project files

QA [initials] DATE 3-[illegible]-07

~~UGTA Project~~ C631617

Analysis Request Chain of Custody Record

Control No.: 000279

0703089 Page: 1 of 1

Sample Team: Birney, Kosowski, Rupp

Site Name: NM SDA ~~Well~~ 53C Well

Project No.: 4165 33 - ~~UG06-790~~ C631617

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: 8608 1940 6891

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

Report to: J. Wurtz, SM STOLLER, 7710 W. Cheyenne, Bldg. 3, Las Vegas, NV 89129, 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
(2) PP1G-030907-C2	3/9/07 1154	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1157	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~~	~~[illegible]~~	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: Ralph Rupp TO FedEx / Ralph Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0832	Received By: Sheri Lopez, paragon (Signature/Affiliation)	Date: 3-13-07 Time: 0900
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:

Original: To accompany samples Copy: To project files

QA [signature] DATE 3-10-07

~~UGTA Project~~ 6/3/07

Analysis Request Chain of Custody Record

Control No.: 000280

Page: 1 of 1

0703089

Sample Team: C Burke / Lisowski / Riordan

Site Name: NM IDA - 51C Well 3

Project No.: 4165-030 ~~U000-796~~ 6/3/07

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: 8502 1946 6691

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-489-6630

Report to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
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
PP16-030907-03	3/9/07 1159	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1203	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~~	6 3/10/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP TO FedEx / Ralph Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] Paragon (Signature/Affiliation)	Date: 3-13-07 Time: 0900
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:

Original: To accompany samples   Copy: To project files

QA [signature] DATE 3-16-07

~~UGTA Project~~ CS 3/16/07

Control No.: 000281

Analysis Request Chain of Custody Record

0703089

Page: 1 of 1

Sample Team: [illegible]

Site Name: [illegible]

Project No.: 4165-05? ~~U306-790~~

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: [illegible]

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-889-0630

Report to: J. Wurtz, SM STOLLER, 7710 W. Cheyenne, Bldg. 3, Las Vegas, NV 89129, 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
(4) PP16-030907-04	3/9/07 1227	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1230	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~~	CB 3/13/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: Ralph Rupp to FedEx / Ralph Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: Sheri Lafferty (Signature/Affiliation)	Date: 3·13·07 Time: 0900
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:

Original: To accompany samples   Copy: To project files

QA [signature] DATE 3/16/07

~~UGTA Project~~ 3/13/07

Analysis Request Chain of Custody Record

0703089 Control No.: – 000282

~~0705~~ SL 3.13.07 Page: 1 of 1

Sample Team: CBIRAEL, KGOODWIN, RRUPP

Site Name: NAVAJO SAC WELL 3

Project No.: 4165 ~~UG00-790~~

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: [illegible]

Carrier/Waybill No.: [illegible]

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

Report to: [illegible]

7710 W. [illegible]

Las Vegas [illegible]

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
(5) PPIG-030907-05	3/9/07 1257	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1300	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~~	CS 3/13/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP TO FedEx / Ralph Rupp / SOILER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] Paragon (Signature/Affiliation)	Date: 3.13.07 Time: 0900
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:

Original: To accompany samples   Copy: To project files

QA [initials] DATE 3-10-07

~~UGTA Project~~ 0703089 Control No.: - 000283

Analysis Request Chain of Custody Record

Page: 1 of 1

Site Name: NM [illegible] Well 3

Project No.: [illegible]

Project Manager:

Project Contact:

Phone No.:

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: [illegible]

Lab Destination: Paragon

Lab Contact: [illegible]

Phone No.: [illegible]-889-0630

Report to: J. [illegible] SM STOLLER, 7710 W. Cheyenne, Bldg. 3, Las Vegas NV 89129

Required Report Date:

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
PPIG-030907-06	3/9/07 1324	[illegible]	[illegible]	[illegible]		VOC's	
↓	3/9/07 1327	[illegible]	[illegible]			SVOC's, DRO/GRO, Oil and Grease	
↓	↓	[illegible]	[illegible]	[illegible]		[illegible] VOC's, ZHE	
↓	↓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] SVOC's, Metals	
↓	↓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Hg [illegible] Total Cyanide, IC Anions, PCBs, Moisture	
↓	↓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
~~[illegible]~~		[illegible]	~~[illegible]~~ 3/12/07		[illegible]	~~[illegible]~~	
		LAST LINE					

Possible Hazards: Unknown Sample Disposal: By Lab QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: Ralph Rupp to FedEx / [signature] / Stoller (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] Paragon (Signature/Affiliation)	Date: 3·13·07 Time: 0900
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:

Original: To accompany samples Copy: To project files

QA [initials] DATE 3-16-07

0703089

~~UGTA Project~~

Analysis Request Chain of Custody Record

Control No.: 000284

Page: 1 of 1

Sample Team: Culley, Rowan, Rupp
Site Name: NNSA ~~Well~~ S. JC Well 3
Project No.: 4165-C30 ~~U300-790~~
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9580

Sample Shipment Date: 3/12/07
Carrier/Waybill No.: 2608 1940 6691
Lab Destination: Paragon
Lab Contact: D. Fazio
Phone No.: 970-689-0630

Report to: ~~J. Wurtz SM STOLLER~~
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
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
(7) PPIG-030907-07	3/9/07 1345	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1349	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~~	CB 3/10/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
			LAST LINE				

Possible Hazards: Unknown
Sample Disposal: By Lab
QC Level: Per SOW
Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP TO FedEx / Ralph Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: Sheri Loffert / Paragon (Signature/Affiliation)	Date: 3.13.07 Time: 0900
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:

Original: To accompany samples   Copy: To project files

QA [signature] DATE 3-16-07

UGTA Project 631.5137

Analysis Request Chain of Custody Record 0703089

Control No.: 000285
Page: 1 of 1

Sample Team: [illegible]
Site Name: NNSS [illegible] 3
Project No.: [illegible] ~~UG06-790~~ 631.5137
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07
Carrier/Waybill No.: 8608 1940 6691
Lab Destination: Paragon
Lab Contact: D. Fazio
Phone No.: 970-689-0330

Report to: ~~J. Wurtz SM STOLLER~~
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
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
PPIG-030907-08	3/9/07 1432	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1432	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~~	CB 3/12/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown
Sample Disposal: By Lab
QC Level: Per SOW
Special Instructions/ Comments: NA

1) Relinquished By: Ralph Rupp to FedEx / Ralph E. Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] Paragon (Signature/Affiliation)	Date: 3.13.07 Time: 0900
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:

Original: To accompany samples
Copy: To project files

QA [initials] DATE 3-10-07

~~UGTA Project~~ 0703089 Control No.: 000286

Analysis Request Chain of Custody Record

Page: 1 of 1

Sample Team: [illegible]
Site Name: NNSA/DA [illegible] WELL 3
Project No.: 4165-030 ~~UGOG 790~~
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07
Carrier/Waybill No.: 8608 1940 6691
Lab Destination: Paragon
Lab Contact: D. Fazio
Phone No.: 970-685-0630

Report to: ~~J. Wurtz SM STOLLER~~
7710 W. Cheyenne, Bldg. 3
Las Vegas NV 89129
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
PPIG-030907-09	3/9/07 1450	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1453	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~~	3/13/07	~~16-oz~~	~~Ice~~	~~ESP SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown
Sample Disposal: By Lab
QC Level: Per SOW
Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP TO FedEx / Ralph Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] Paragon (Signature/Affiliation)	Date: 3-13-07 Time: 0900
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:

Original: To accompany samples Copy: To project files

QA [initials] DATE 3-16-07

~~UGTA Project~~ 0703089 Control No.: 000287

Analysis Request Chain of Custody Record

Page: 1 of 1

Sample Team: [illegible]

Site Name: NMODA [illegible]

Project No.: [illegible] ~~UG06-790~~ [illegible]

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07

Carrier/Waybill No.: 8608 1940 6691

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

Report to: J. Wurtz SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas NV 89129
702 278-1550

Required Report Date: 30 - Day

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
(10) PPG-030907-10	3/9/07 1513	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1516	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~~	[illegible] 3/12/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

1) Relinquished By: RALPH RIPP TO FedEx / Ralph E Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] paragon (Signature/Affiliation)	Date: 3.13.07 Time: 0900
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:

Original: To accompany samples Copy: To project files

QA [initials] DATE 3-[illegible]-07

~~UGTA Project~~ [illegible]

Control No.: 000288

Analysis Request Chain of Custody Record 0703089

Page: 1 of 1

Sample Team: [illegible]

Site Name: [illegible]

Project No.: [illegible] ~~UG06-790~~ [illegible]

Project Manager: John McCord

Project Contact: Jeff Wurtz

Phone No.: 702-278-9580

Sample Shipment Date: [illegible]

Carrier/Waybill No.: [illegible]

Lab Destination: Paragon

Lab Contact: D. Fazio

Phone No.: 970-689-0630

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

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
(11) PPIG-030907-11	3/9/07 1527	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1533	Mud/Sludge	Amber Glass	8-oz	Ice	SVOC's- DRO/GPO, 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~~	CB 3/13/07	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown

Sample Disposal: By Lab

QC Level: Per SOW

Special Instructions/ Comments: NA

Relinquished By (Signature/Affiliation)	Date	Time	Received By (Signature/Affiliation)	Date	Time
1) RALPH RUPP TO FedEx / [signature] ~~[illegible]~~ / STOLLER	03/12/07	0830	[signature] paragon	3.13.07	0900
2)					
3)					
4)					

Original: To accompany samples   Copy: To project files

QA [initials]   DATE 3-[illegible]-07

~~UGTA Project~~ (3/12/07)

Control No.: - 000289

Analysis Request Chain of Custody Record 0703089

Page: 1 of 1

Sample Team: [illegible]
Site Name: NMJDA S3C Well 3
Project No.: 4165 .32 ~~UG06-700~~ [illegible]
Project Manager: John McCord
Project Contact: Jeff Wurtz
Phone No.: 702-278-9580

Sample Shipment Date: 3-12-07
Carrier/Waybill No.: 8602 1940 6691
Lab Destination: Paragon
Lab Contact: R. Fazio
Phone No.: ~~970-689-0630~~

Report to: J. Wurtz, SM STOLLER
7710 W. Cheyenne, Bldg. 3
Las Vegas, NV 89129
702 278 7550
Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
PPIG-030907-12	3/9/07 1515	Mud/Sludge	Amber Glass	8-oz	Ice	VOC's	
↓	3/9/07 1518	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~~	~~3/12/07~~	~~16-oz~~	~~Ice~~	~~ESP, SAR, PH, EC~~	
		LAST LINE					

Possible Hazards: Unknown
Sample Disposal: By Lab
QC Level: Per SOW
Special Instructions/ Comments: NA

1) Relinquished By: RALPH RUPP TO FedEx / Ralph E Rupp / STOLLER (Signature/Affiliation)	Date: 03/12/07 Time: 0830	Received By: [signature] paragon (Signature/Affiliation)	Date: 3.13.07 Time: 0900
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:

Original: To accompany samples   Copy: To project files

QA [signature] DATE 3-10-07

UGTA Project

Analysis Request Chain of Custody Record 0703089

Control: № 2151

Page: 1 of 1

Site/Well Name: [illegible]
Project No.: 4165.03
Sample Team: [illegible]
Project Manager: J McCord
Project Contact: [illegible]
Phone No.: 702 278 9582

Sample Shipment Date: 3-12-07
Carrier/Waybill No.: 8608 1940 6691
Lab Destination: Paragon
Lab Contact: [illegible]
Phone No.: 970 651 [illegible]
Turn Around Time: ☒ Normal ☐ Rush:

Report/Bill to: [illegible]
[illegible]
[illegible]
Las Vegas NV 8[illegible]
Phone No.: 702 278 9582
Required Report Date: 3[illegible] DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
PP16-030907-13	3/9/07 1630	WATER	VOA Vial	2x 40ml	ICE/HCl	VOCs	
LAST	LINE						
		QG 3/9/07					

(13)

Hazards: ☒ Unknown ☐ Other:
Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive:
QC Level: Per [illegible]
Special Instructions/ Comments: N/A

1) Relinquished By: RALPH RUPP to FedEx — Date: 03/12/07 Time: 0830 — Received By: [signature] paragon — Date: 3.13.07 Time: 0900

2) Relinquished By: — Date: Time: — Received By: — Date: Time:

3) Relinquished By: — Date: Time: — Received By: — Date: Time:

4) Relinquished By: — Date: Time: — Received By: — Date: Time:

Original: To accompany samples   Copy: To project files

QA Review: [signature]   Date: 3-10-07

CONDITION OF SAMPLE UPON RECEIPT FORM — **Paragon Analytics**

Client: Stoller Nv — Workorder No: 0703089

Project Manager: DF — Initials: SL — Date: 3·13·07

1.	Does this project require any **special handling** in addition to standard Paragon procedures?		YES	(NO)
2.	Are custody **seals** on **shipping containers** intact?	NONE	(YES)	NO
3.	Are Custody seals on **sample containers** intact?	NONE	(YES)	NO
4.	Is there a **COC (Chain-of-Custody) present** or other representative documents?		(YES)	NO
5.	Are the **COC and bottle labels complete and legible**?		(YES)	NO ★
6.	Is the **COC in agreement** with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		(YES)	NO
7.	Were **airbills / shipping documents** present and/or removable?	DROP OFF	(YES)	NO
8.	Are all aqueous **samples requiring preservation preserved correctly?** (excluding volatiles)	(N/A)	YES	NO
9.	Are all aqueous **non-preserved samples pH** 4-9?	(N/A)	YES	NO
10.	Is there **sufficient sample** for the requested analyses?		(YES)	NO
11.	Were all samples placed in the **proper containers** for the requested analyses?		(YES)	NO
12.	Are all samples within **holding times** for the requested analyses?		(YES)	(NO) 3.13.07
13.	Were all sample containers received **intact**? (not broken or leaking, etc.)		YES	(NO) ●
14.	Are all samples requiring no headspace (VOC, GRO, Rx CN/S, radon), headspace free? **Size of bubble**: ____ < green pea ____ > green pea	N/A	(YES)	NO
15.	Were samples checked for and free from the presence of **residual chlorine?** (Applicable when PM has indicated samples are from a chlorinated water source; note if field preservation with sodium thiosulfate was not observed.)	(N/A)	YES	NO
16.	Were the samples **shipped on ice**?		(YES)	NO
17.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: (#2) #4	RAD ONLY	(YES)	NO

Cooler #:	1	2						
Temperature (°C):	2.0	1.4						
No. of custody seals on cooler:	2	2						
DOT Survey/ Acceptance Information — External µR/hr reading:	17	16						
Background µR/hr reading:	15							

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? (YES) / NO / NA (If no, see Form 008.)

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

★ Sample 13 (PPIG-030907-13) 1 of 2 Vials for Voc had only paragon trip blank label, no client label.

● Sample 5 (PPIG-030907-05) 8 oz soil for Svoc, Dro, Gro, received with cracked lid - exchanged with jar for Radium analysis

Sample 6 (-06) 8oz soil for voc received with cracked lid - exchanged with jar for Radium analysis

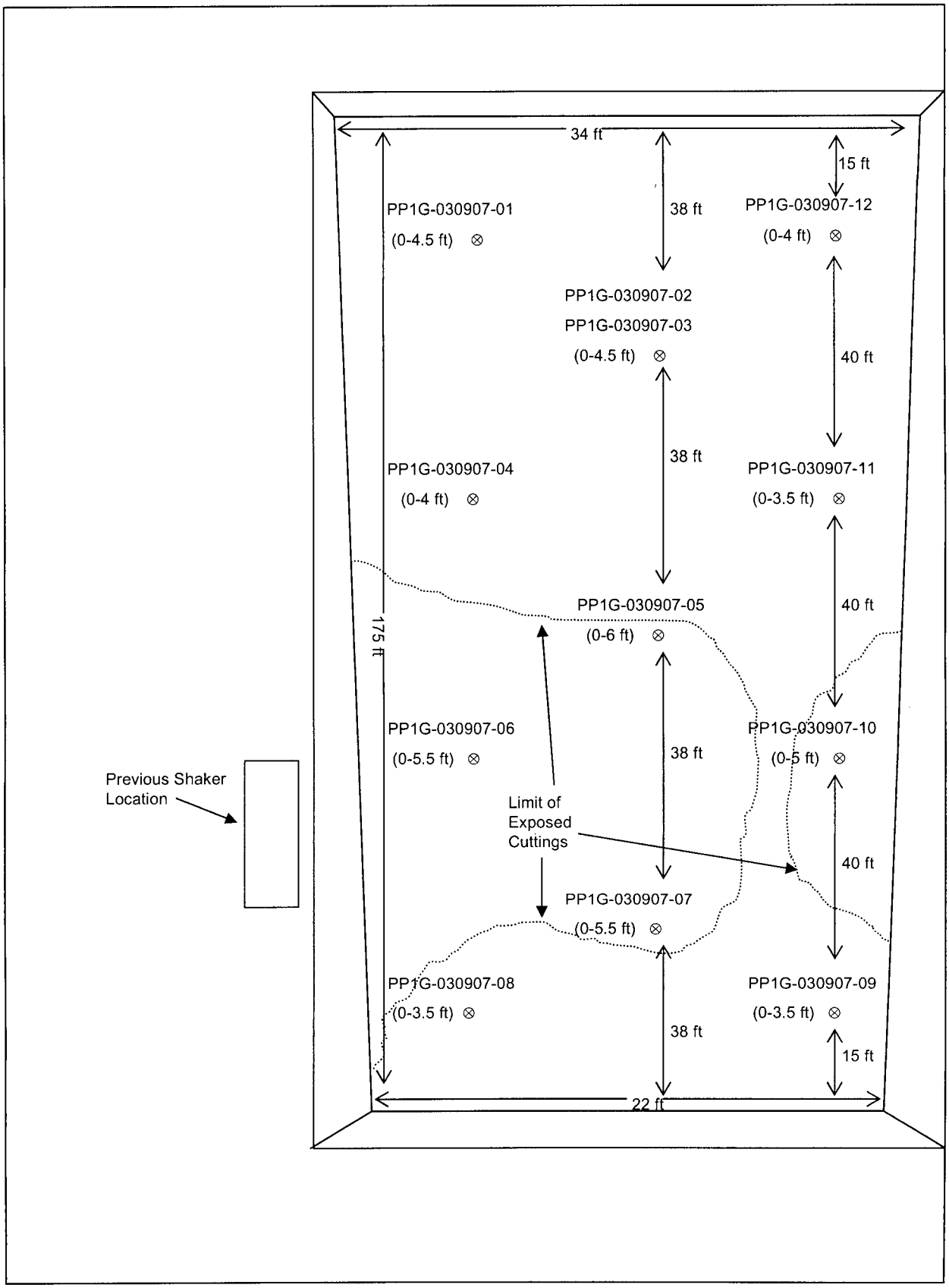
Sample 9 (-09) 8oz soil for TCLP VOA cracked lid exchanged with Rad jar

If applicable, was the client contacted? (YES) NO / NA Contact: JEFF WENTZ Date/Time: 3/13/07 login report

Project Manager Signature / Date: Debbie Fazio 3/13/07

*IR Gun #2: Oakton, SN 29922500201-0066 *IR Gun #4: Oakton, SN 2372220101-0002

PO PIPKIN #1G SITE DIAGRAM AND SAMPLING LOCATIONS



Priviledged and Confidential

"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 SSIs
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	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	1500	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		

[a]MDL=Minimum Detection Limit
[b]MCL=Minimum Detectable Concentration for Radium
[c]Reporting Limit

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
pCi/g = Picocuries per gram
ug/kg = Micrograms per kilogram
umhos/cm = Micromhos per centimeter
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.

Priviledged and Confidential

"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 patterm resembling diesel was detected in sample.
G = A patterm 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.

Priviledged 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

4/11/2007

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-01	0703089-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	6000		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-030907-11	0703089-11	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	10000		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-030907-02	0703089-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		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-030907-04	0703089-4	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	5700		200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2600		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-030907-07	0703089-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		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-030907-09	0703089-9	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	8700		330	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	410	J	160	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		410	
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-030907-11	0703089-11	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2900		450	
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-030907-02	0703089-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		440	
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-030907-04	0703089-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1500		200	
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-030907-07	0703089-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		380	
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-030907-09	0703089-9	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2400		330	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4700		270	
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-030907-06	0703089-6	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1500		110	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5600		250	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9500		300	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	26000		470	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8900		340	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9700		330	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	10000		350	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5200		150	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	13000		290	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8300		330	
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-030907-05	0703089-5	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4400		170	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		130	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	11000		270	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	17000		330	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	28000		520	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	15000		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	18000		360	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	19000		380	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9300		170	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	21000		320	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	16000		360	

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
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-030907-01	0703089-1	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	6600	B	1600	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	4400	B	1300	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	7200	B	1800	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	21000	B	1500	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8100	B	1800	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8700	B	1900	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	5400	B	810	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	3300	B	840	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	2300	B	630	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8300	B	1500	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	19000	B	1800	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	14000	B	1300	
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-030907-02	0703089-2	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2	B	2.7	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5		2.6	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	3.9		1.9	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.9		2.2	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3		2.9	
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-030907-05	0703089-5	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	4.2		1.3	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5		0.92	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3		2.4	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.3		2.8	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2		2	
SJC Well 3	PP1G-030907-02	0703089-15	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.56	B	0.0011	
SJC Well 3	PP1G-030907-03	0703089-16	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.52	B	0.0011	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.69	B	0.0011	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.62	B	0.0011	
SJC Well 3	PP1G-030907-06	0703089-19	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.76	B	0.0011	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.48	B	0.0011	
SJC Well 3	PP1G-030907-08	0703089-21	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.37	B	0.0011	
SJC Well 3	PP1G-030907-09	0703089-22	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.59	B	0.0011	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.67	B	0.0011	
SJC Well 3	PP1G-030907-11	0703089-24	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.42	B	0.0011	
SJC Well 3	PP1G-030907-01	0703089-14	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.3		0.0011	
SJC Well 3	PP1G-030907-12	0703089-25	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.1		0.0011	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000		0.26	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	7100		0.19	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	11000		0.29	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000		0.23	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	12000		0.28	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	13000		0.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	6700		0.13	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1900		0.027	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	1100		0.019	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	5000		0.25	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	2700		0.057	

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	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-030907-10	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	0.022	B	0.0057	
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-030907-10	0703089-23	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.018	B	0.0057	
SJC Well 3	PP1G-030907-11	0703089-24	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	

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
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-030907-06	0703089-6	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	8.6		0.11	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	17		0.28	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	19		0.33	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.24	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.2	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	69		0.15	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.23	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	29		0.18	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	25		0.22	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	24		0.23	
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-030907-05	0703089-5	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	18		0.11	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	21		0.072	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	33		0.19	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	34		0.22	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-50-8	COPPER	SW6010	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	D	8.2	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4200	D	8.8	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	9.3	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1300	D	4.2	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	770	D	3.1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4600	D	7.6	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4500	D	8.9	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	720	D	6.6	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	5	MG/KG	8000	D	32	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4900	D	9	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3400	D	7.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	4.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	800	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	990	J	470	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	440	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	320	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	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	G,H	0.17	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	100	G,H	0.2	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	G,H	0.21	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	24	G,H	0.09	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	14	G,H	0.074	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	G,H	0.19	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	73	G,H	0.15	

Priviledged 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

4/11/2007

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-12	0703089-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	1.10	G,H	0.17	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	98	G,H	0.99	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	62	G,H	0.18	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	160	G,H	1.6	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	150	H	2.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.9	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		2.1	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	12000		3.2	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.5	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		3.1	
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-030907-04	0703089-4	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	15000		1.4	
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-030907-06	0703089-6	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	19000		1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	15000		2.8	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		3.2	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	18000		2.3	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	730	J	320	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	820	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	370	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	580	J	470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	210	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	550	J	380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	330	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.023	B	0.018	
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	0703089-14	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.058		0.018	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.2	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	35		0.85	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	22		1.3	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	20		1	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	15		1.3	
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-030907-04	0703089-4	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	13		0.58	
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-030907-06	0703089-6	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	16		0.42	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	16		1.1	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		0.93	
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-030907-10	0703089-10	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	6100		320	
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-030907-12	0703089-12	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	2700		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3500		440	
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-030907-04	0703089-4	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3600		200	

Priviledged 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

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
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-030907-06	0703089-6	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	1100		160	
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-030907-08	0703089-8	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	5600		440	
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-030907-01	0703089-1	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.067	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	210		0.048	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.074	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.058	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.071	
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-030907-04	0703089-4	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.032	
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-030907-06	0703089-6	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.024	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.063	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.072	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.053	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000057	B	0.000049	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.00006	B	0.000049	
SJC Well 3	PP1G-030907-06	0703089-19	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000083	B	0.000049	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000077	B	0.000049	
SJC Well 3	PP1G-030907-08	0703089-21	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000089	B	0.000049	
SJC Well 3	PP1G-030907-09	0703089-22	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000051	B	0.000049	
SJC Well 3	PP1G-030907-11	0703089-24	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.0001	B	0.000049	
SJC Well 3	PP1G-030907-12	0703089-25	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000093	B	0.000049	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.038	B	0.004	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0031	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.024	B	0.0043	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.044	B	0.0036	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0045	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0044	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.029	B	0.002	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.026	B	0.0021	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0015	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0038	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.042	B	0.0044	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.041	B	0.0032	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		410	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6500		320	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	7800		450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5500		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6300		470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	3900		200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	2000		210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	1500		160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5400		380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	5100		440	

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	4500		330	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		300	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1300		180	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		130	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		280	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4100		340	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	2	UG/KG	8000		530	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3600		380	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4200		370	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4500		390	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		170	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4800		320	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3900		370	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	440	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	490	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	160	
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-030907-11	0703089-11	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1700		450	
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-030907-04	0703089-4	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000		200	
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-030907-08	0703089-8	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1400		440	
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-030907-01	0703089-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	630	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	970	J	470	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	220	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	920	J	380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
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-030907-04	0703089-4	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	710		200	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	4400			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	26000			
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			

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1300			
SJC Well 3	PP1G-030907-01	0703089-1	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
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-030907-11	0703089-11	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2900		450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1500		440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2000		470	
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-030907-05	0703089-5	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	800		210	
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	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2100		380	
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	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2600		330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	9.63			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.45			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.23			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	10.55			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.92			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.95			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.84			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.43			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.12			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.2			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.24			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.13			
SJC Well 3	PP1G-030907-06	0703089-6	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-030907-01	0703089-1	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	600	J	590	
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-030907-05	0703089-5	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2700		310	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	4100		660	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2200		650	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2400		690	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1600		300	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	630	J	410	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	610	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	730	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	840	J	470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	580	J	200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	300	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	180	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	770	J	380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	910	J	330	
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-030907-01	0703089-1	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.69	G		0.49
SJC Well 3	PP1G-030907-10	0703089-10	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.6	G		0.58

Priviledged 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

4/11/2007

ClientProjName	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	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-030907-02	0703089-2	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.86	G		0.48
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-030907-06	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-030907-08	0703089-8	SMP	13982-63-3	Ra-226	713R9	SLUDGE		pCi/g	1.73	G		0.46
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-030907-01	0703089-1	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.22	G		0.76
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	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.06	G		0.88
SJC Well 3	PP1G-030907-05	0703089-5	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.1	G		0.96
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	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	1.48	G		0.97
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,TI		0.93
SJC Well 3	PP1G-030907-06	0703089-6	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	0.91	LT,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-030907-03	0703089-3	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	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	760	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	940	J	470	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	J	200	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	320	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	170	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	850	J	330	
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-030907-02	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	1.3	B	1.2	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.4	B	1.3	
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-030907-05	0703089-5	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.5		0.87	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.3		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			

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	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-030907-01	0703089-1	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	4900			
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	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2400			
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	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3600			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	3700			
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	14808-79-8	SULFATE	EPA300.0	SLUDGE	5	MG/KG	510			
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	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	2800			
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	14808-79-8	SULFATE	EPA300.0	SLUDGE	1	MG/KG	3800			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	98-06-6	TERT-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100		200	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	860	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1300	J	470	
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	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1800		320	
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	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	830		210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	950		160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1500		380	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	108-88-3	TOLUENE	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	2500		330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1700		1.3	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1200		0.94	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.4	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.1	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.5	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	940		0.64	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.67	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	750		0.46	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1400		1.2	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1300		1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	95		1.4	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	120		1	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	92		1.6	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	94		1.2	

Priviledged and Confidential

4/11/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	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 patterm resembling diesel was detected in this sample.
G = A patterm 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.

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	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	1.6	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	1.1	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,TI		0.93
SJC Well 3	PP1G-030907-06	0703089-6	SMP	15262-20-1	Ra-228	713R9	SLUDGE		pCi/g	0.91	LT,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-030907-03	0703089-3	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			

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-04	0703089-4	SMP	16887-00-6	CHLORIDE	EPA300.0	SLUDGE	20	MG/KG	2000			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	14808-79-8	SULFATE	EPA300.0	SLUDGE	2	MG/KG	810			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	16887-00-6	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	16887-00-6	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	16887-00-6	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	16887-00-6	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	16887-00-6	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	BARIUM	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	BARIUM	SW6010	LEACHATE	1	MG/L	0.52	B	0.0011	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7440-39-3	BARIUM	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	0.0053	B	0.0043	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7440-39-3	BARIUM	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	BARIUM	SW6010	LEACHATE	1	MG/L	0.76	B	0.0011	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7440-39-3	BARIUM	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	BARIUM	SW6010	LEACHATE	1	MG/L	0.37	B	0.0011	
SJC Well 3	PP1G-030907-09	0703089-22	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.59	B	0.0011	
SJC Well 3	PP1G-030907-10	0703089-23	SMP	7440-39-3	BARIUM	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-030907-10	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	BARIUM	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-030907-04	0703089-4	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	

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
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-030907-09	0703089-9	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.4	B	1.3	
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	0703089-14	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.3		0.0011	
SJC Well 3	PP1G-030907-01	0703089-14	SMP	7439-92-1	LEAD	SW6010	LEACHATE	1	MG/L	0.058		0.018	
SJC Well 3	PP1G-030907-12	0703089-25	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	1.1		0.0011	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5		2.6	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000		0.26	
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-030907-01	0703089-1	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.2	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.9	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.2	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.067	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	95		1.4	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	3.9		1.9	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	7100		0.19	
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-030907-10	0703089-10	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	69		0.15	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		2.1	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	35		0.85	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	210		0.048	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	120		1	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	11000		0.29	
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-030907-11	0703089-11	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	27		0.23	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	12000		3.2	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	22		1.3	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.074	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	92		1.6	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.9		2.2	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	10000		0.23	
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-030907-12	0703089-12	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	29		0.18	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		2.5	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	20		1	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.058	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	94		1.2	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	12000		0.28	
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-030907-02	0703089-2	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	25		0.22	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	13000		3.1	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	15		1.3	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	240		0.071	
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	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3		2.9	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	13000		0.3	
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-030907-03	0703089-3	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	24		0.23	

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
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	BARIUM	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	BARIUM	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	5		0.92	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-39-3	BARIUM	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	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	21		0.072	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	19000		1	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	16		0.42	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.024	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7782-49-2	SELENIUM	SW6010	SLUDGE	1	MG/KG	1.3		0.6	
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	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	6.3		2.4	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	5	MG/KG	5000		0.25	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	17		0.28	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	33		0.19	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	15000		2.8	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	16		1.1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	260		0.063	
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	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.3		2.8	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-39-3	BARIUM	SW6010	SLUDGE	1	MG/KG	2700		0.057	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	19		0.33	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	34		0.22	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	16000		3.2	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		1.3	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	230		0.072	
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	7440-38-2	ARSENIC	SW6010	SLUDGE	1	MG/KG	5.2		2	

Priviledged 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

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	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-030907-09	0703089-9	SMP	7440-47-3	CHROMIUM	SW6010	SLUDGE	1	MG/KG	13		0.24	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-50-8	COPPER	SW6010	SLUDGE	1	MG/KG	28		0.16	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-89-6	IRON	SW6010	SLUDGE	1	MG/KG	18000		2.3	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-92-1	LEAD	SW6010	SLUDGE	1	MG/KG	18		0.93	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-96-5	MANGANESE	SW6010	SLUDGE	1	MG/KG	250		0.053	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-66-6	ZINC	SW6010	SLUDGE	1	MG/KG	86		1.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1700		1.3	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1200		0.94	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.4	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.1	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1600		1.5	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	940		0.64	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	920		0.67	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	750		0.46	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1400		1.2	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1500		1.4	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7440-61-1	URANIUM	SW6020	SLUDGE	10	UG/KG	1300		1	
SJC Well 3	PP1G-030907-04	0703089-17	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000057	B	0.000049	
SJC Well 3	PP1G-030907-05	0703089-18	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.00006	B	0.000049	
SJC Well 3	PP1G-030907-06	0703089-19	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000083	B	0.000049	
SJC Well 3	PP1G-030907-07	0703089-20	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000077	B	0.000049	
SJC Well 3	PP1G-030907-08	0703089-21	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000089	B	0.000049	
SJC Well 3	PP1G-030907-09	0703089-22	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000051	B	0.000049	
SJC Well 3	PP1G-030907-11	0703089-24	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.0001	B	0.000049	
SJC Well 3	PP1G-030907-12	0703089-25	SMP	7439-97-6	MERCURY	SW7470	LEACHATE	1	MG/L	0.000093	B	0.000049	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.038	B	0.004	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0031	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.024	B	0.0043	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.044	B	0.0036	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0045	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0044	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.029	B	0.002	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.026	B	0.0021	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.036	B	0.0015	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.033	B	0.0038	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.042	B	0.0044	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	7439-97-6	MERCURY	SW7471	SLUDGE	1	MG/KG	0.041	B	0.0032	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	37	G,H	0.17	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	100	G,H	0.2	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	G,H	0.21	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	24	G,H	0.09	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	14	G,H	0.074	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	92	G,H	0.19	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	73	G,H	0.15	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	110	G,H	0.17	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	98	G,H	0.99	

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-07	0703089-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	1	MG/KG	62	G,H	0.18	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	160	G,H	1.6	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SLUDGE	50	MG/KG	150	H	2.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3200	D	8.2	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4200	D	8.8	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	9.3	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	1300	D	4.2	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	770	D	3.1	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4600	D	7.6	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4500	D	8.9	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	720	D	6.6	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	5	MG/KG	8000	D	32	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	4900	D	9	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	3400	D	7.3	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	68334-30-5	Diesel Range Organics	SW8015M	SLUDGE	1	MG/KG	2800	D	4.1	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	6600	B	1600	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	4400	B	1300	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	7200	B	1800	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	21000	B	1500	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8100	B	1800	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8700	B	1900	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	5400	B	810	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	3300	B	840	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	2300	B	630	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	8300	B	1500	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	19000	B	1800	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	67-64-1	ACETONE	SW8260	SLUDGE	50	UG/KG	14000	B	1300	
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-030907-01	0703089-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	1200	J	410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	630	J	410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	410	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	730	J	320	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	820	J	450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	450	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1400	J	450	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1000	J	370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	630	J	370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	610	J	370	

Priviledged 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

4/10/2007

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-12	0703089-12	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	J	370	
SJC Well 3	PP1G-030907-12	0703089-12	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	860	J	370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	800	J	440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	1300	J	440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	730	J	440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	760	J	440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	990	J	470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	580	J	470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	970	J	470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	840	J	470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	940	J	470	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	108-88-3	TOLUENE	SW8260	SLUDGE	50	UG/KG	1300	J	470	
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-030907-04	0703089-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	580	J	200	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	590	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-030907-05	0703089-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	440	J	210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	490	J	210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	390	J	210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	300	J	210	
SJC Well 3	PP1G-030907-05	0703089-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	320	J	210	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	410	J	160	
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-030907-06	0703089-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	320	J	160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	280	J	160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	220	J	160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	180	J	160	
SJC Well 3	PP1G-030907-06	0703089-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	170	J	160	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	550	J	380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	920	J	380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	770	J	380	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	840	J	380	
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-030907-08	0703089-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	680	J	440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	1100	J	440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	890	J	440	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	890	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-030907-09	0703089-9	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SLUDGE	50	UG/KG	640	J	330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SLUDGE	50	UG/KG	910	J	330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SLUDGE	50	UG/KG	850	J	330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	6000		410	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	1600		410	

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	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-030907-02	0703089-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	7000		440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SLUDGE	50	UG/KG	2000		440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	136777-61-2	M+P-XYLENE	SW8260	SLUDGE	50	UG/KG	3500		440	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8260	SLUDGE	50	UG/KG	6000		440	
SJC Well 3	PP1G-030907-02	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	98-06-6	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	

Priviledged 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

4/10/2007

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	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-030907-06	0703089-6	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-030907-07	0703089-7	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-030907-08	0703089-8	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	1100		330	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	95-47-6	O-XYLENE	SW8260	SLUDGE	50	UG/KG	2600		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-030907-06	0703089-6	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-030907-01	0703089-1	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		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	

Priviledged 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

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
SJC Well 3	PP1G-030907-06	0703089-6	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	1200		130	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5600		250	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	11000		270	
SJC Well 3	PP1G-030907-09	0703089-9	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3000		280	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9500		300	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	17000		330	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4100		340	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	26000		470	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	2	UG/KG	28000		520	
SJC Well 3	PP1G-030907-10	0703089-10	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	2	UG/KG	8000		530	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8900		340	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	15000		370	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3600		380	
SJC Well 3	PP1G-030907-11	0703089-11	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	4100		660	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9700		330	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	18000		360	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4200		370	
SJC Well 3	PP1G-030907-02	0703089-2	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2200		650	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	10000		350	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	19000		380	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4500		390	
SJC Well 3	PP1G-030907-03	0703089-3	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	2400		690	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	5200		150	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	9300		170	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	2600		170	
SJC Well 3	PP1G-030907-04	0703089-4	SMP	108-95-2	PHENOL	SW8270	SLUDGE	1	UG/KG	1600		300	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	13000		290	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	21000		320	
SJC Well 3	PP1G-030907-07	0703089-7	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	4800		320	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	8300		330	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SLUDGE	1	UG/KG	16000		360	
SJC Well 3	PP1G-030907-08	0703089-8	SMP	91-20-3	NAPHTHALENE	SW8270	SLUDGE	1	UG/KG	3900		370	
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	9.63			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.45			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.23			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	10.55			
SJC Well 3	PP1G-030907-02	0703089-2	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.92			
SJC Well 3	PP1G-030907-03	0703089-3	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.95			
SJC Well 3	PP1G-030907-04	0703089-4	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.84			
SJC Well 3	PP1G-030907-05	0703089-5	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.43			
SJC Well 3	PP1G-030907-06	0703089-6	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.12			
SJC Well 3	PP1G-030907-07	0703089-7	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.2			
SJC Well 3	PP1G-030907-08	0703089-8	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	12.24			
SJC Well 3	PP1G-030907-09	0703089-9	SMP	10-29-7	PH	SW9045	SLUDGE	1	PH	11.13			
SJC Well 3	PP1G-030907-01	0703089-1	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1400			
SJC Well 3	PP1G-030907-10	0703089-10	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	4400			
SJC Well 3	PP1G-030907-11	0703089-11	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	1700			
SJC Well 3	PP1G-030907-12	0703089-12	SMP	10-30-0	OIL AND GREASE	SW9071	SLUDGE	1	MG/KG	26000			

Priviledged and Confidential

4/10/2007

"Preliminary" Summary of Analytical Results that Exceed Detection Limits,
New Mexico Joint Defense Agreement Sampling of the San Juan County Mud Pit #3

ClientProjName	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 patterm resembling diesel was detected in this sample.
G = A patterm 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.

Paragon Analytics

PCBs Case Narrative

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/13/07.

2. These samples were extracted and analyzed according to SW-846, 3rd Edition procedures. Specifically, the sludge samples were extracted using soxhlet procedures according to Paragon Analytics Standard Operating Procedure 625 Revision 10 based on Method 3540C. The extracts were then processed using sulfuric acid cleanup according to Paragon Analytics Standard Operating Procedure 651 Revision 8 based on Method 3665A in an attempt to remove potential interferences.

3. The extracts were then analyzed using GC/ECD (electron capture detectors) with an RTX-CLPesticides capillary column according to Paragon Analytics Standard Operating Protocol 409 Revision 5 based on SW-846 Method 8082. All positive results were then confirmed on an RTX-CLPesticidesII column. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column that met initial and continuing calibration criteria.

4. All initial and continuing calibration criteria were met with the following exceptions:

   Continuing calibration 1254 031507-1CCV – aroclor 1254 was out high on column 2.
   Continuing calibration 1254 031507-3CCV – aroclor 1254 was out high on column 2.
   Continuing calibration 1660 031507-4CCV – aroclor 1016 was out high on column 2.
   Continuing calibration 1254 031507-4CCV – 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 0703089-2 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within 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	0703089-1, -2MS, -2MSD, -4, -5, -6, -7, -9, & -11	Low

It is the practice of Paragon Analytics to evaluate the recovery of both surrogates in samples and associated quality control samples, but to control on only one of the two surrogates for this test.

10. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

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

John Petrovic
GC Analyst

3/23/07
Date

CK
Reviewer's Initials

03-23-07
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: 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

PCBs

Method SW8082

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: EX070314-6MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Mar-07
Date Analyzed: 15-Mar-07

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029112

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	13		16.7	78	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	15.1		16.7	90	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082

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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.05 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029117

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	160	160	19	U	
11104-28-2	AROCLOR-1221	1	330	330	26	U	
11141-16-5	AROCLOR-1232	1	160	160	25	U	
53469-21-9	AROCLOR-1242	1	160	160	24	U	
12672-29-6	AROCLOR-1248	1	160	160	11	U	
11097-69-1	AROCLOR-1254	1	160	160	20	U	
11096-82-5	AROCLOR-1260	1	160	160	12	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	56.7		81.6	70	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	53.7	*	81.6	66	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.06 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029118

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	180	180	21	U	
11104-28-2	AROCLOR-1221	1	350	350	28	U	
11141-16-5	AROCLOR-1232	1	180	180	28	U	
53469-21-9	AROCLOR-1242	1	180	180	26	U	
12672-29-6	AROCLOR-1248	1	180	180	12	U	
11097-69-1	AROCLOR-1254	1	180	180	21	U	
11096-82-5	AROCLOR-1260	1	180	180	13	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	61.3		88.4	69	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	64.7		88.4	73	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.02 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029121

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	190	190	22	U	
11104-28-2	AROCLOR-1221	1	380	380	30	U	
11141-16-5	AROCLOR-1232	1	190	190	29	U	
53469-21-9	AROCLOR-1242	1	190	190	28	U	
12672-29-6	AROCLOR-1248	1	190	190	13	U	
11097-69-1	AROCLOR-1254	1	190	190	23	U	
11096-82-5	AROCLOR-1260	1	190	190	14	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	66.2		93.9	71	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	67.1		93.9	72	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082

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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.3 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029122

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	81	81	9.5	U	
11104-28-2	AROCLOR-1221	1	160	160	13	U	
11141-16-5	AROCLOR-1232	1	81	81	13	U	
53469-21-9	AROCLOR-1242	1	81	81	12	U	
12672-29-6	AROCLOR-1248	1	81	81	5.4	U	
11097-69-1	AROCLOR-1254	1	81	81	9.8	U	
11096-82-5	AROCLOR-1260	1	81	81	6.1	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	28.6		40.3	71	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	26.4	*	40.3	65	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.17 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029123

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	84	84	9.9	U	
11104-28-2	AROCLOR-1221	1	170	170	13	U	
11141-16-5	AROCLOR-1232	1	84	84	13	U	
53469-21-9	AROCLOR-1242	1	84	84	13	U	
12672-29-6	AROCLOR-1248	1	84	84	5.7	U	
11097-69-1	AROCLOR-1254	1	84	84	10	U	
11096-82-5	AROCLOR-1260	1	84	84	6.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	31.5		42	75	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	28.2	*	42	67	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.07 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029124

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	62	62	7.3	U	
11104-28-2	AROCLOR-1221	1	120	120	10	U	
11141-16-5	AROCLOR-1232	1	62	62	9.7	U	
53469-21-9	AROCLOR-1242	1	62	62	9.4	U	
12672-29-6	AROCLOR-1248	1	62	62	4.2	U	
11097-69-1	AROCLOR-1254	1	62	62	7.6	U	
11096-82-5	AROCLOR-1260	1	62	62	4.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	22.7		31.2	73	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	21.7	*	31.2	69	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.17 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029127

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	150	150	18	U	
11104-28-2	AROCLOR-1221	1	310	310	25	U	
11141-16-5	AROCLOR-1232	1	150	150	24	U	
53469-21-9	AROCLOR-1242	1	150	150	23	U	
12672-29-6	AROCLOR-1248	1	150	150	10	U	
11097-69-1	AROCLOR-1254	1	150	150	19	U	
11096-82-5	AROCLOR-1260	1	150	150	12	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	59.4		76.8	77	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	52.9	*	76.8	69	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.09 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029128

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	180	180	21	U	
11104-28-2	AROCLOR-1221	1	350	350	28	U	
11141-16-5	AROCLOR-1232	1	180	180	28	U	
53469-21-9	AROCLOR-1242	1	180	180	27	U	
12672-29-6	AROCLOR-1248	1	180	180	12	U	
11097-69-1	AROCLOR-1254	1	180	180	22	U	
11096-82-5	AROCLOR-1260	1	180	180	13	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	65.2		88.5	74	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	65		88.5	73	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082

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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.37 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029129

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	21	U	
11141-16-5	AROCLOR-1232	1	130	130	20	U	
53469-21-9	AROCLOR-1242	1	130	130	20	U	
12672-29-6	AROCLOR-1248	1	130	130	8.9	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	51.2		65.6	78	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	44.4	*	65.6	68	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.01 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029130

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	250	250	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	15	U	
11096-82-5	AROCLOR-1260	1	130	130	9.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	44.9		63.4	71	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	51.9		63.4	82	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.04 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029131

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	180	180	21	U	
11104-28-2	AROCLOR-1221	1	360	360	29	U	
11141-16-5	AROCLOR-1232	1	180	180	28	U	
53469-21-9	AROCLOR-1242	1	180	180	27	U	
12672-29-6	AROCLOR-1248	1	180	180	12	U	
11097-69-1	AROCLOR-1254	1	180	180	22	U	
11096-82-5	AROCLOR-1260	1	180	180	14	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	71.1		90.2	79	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	62.4	*	90.2	69	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082
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: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.01 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029132

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	150	150	17	U	
11104-28-2	AROCLOR-1221	1	290	290	24	U	
11141-16-5	AROCLOR-1232	1	150	150	23	U	
53469-21-9	AROCLOR-1242	1	150	150	22	U	
12672-29-6	AROCLOR-1248	1	150	150	9.9	U	
11097-69-1	AROCLOR-1254	1	150	150	18	U	
11096-82-5	AROCLOR-1260	1	150	150	11	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	58.5		73.4	80	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	51.9		73.4	71	70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082

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: EX070314-6LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/16/2007
Prep Method: SW3540C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029115

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	141	33.3		84	40 - 140%
11096-82-5	AROCLOR-1260	167	146	33.3		88	60 - 130%

Lab ID: EX070314-6LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/16/2007
Prep Method: SW3540C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA029116

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	148	33.3		89	50	5
11096-82-5	AROCLOR-1260	167	151	33.3		90	50	3

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.7	83		85		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	94		94		70 - 125

Data Package ID: *PT0703089-1*

PCBs

Method SW8082

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-030907-02
LabID: 0703089-2MS

Sample Matrix: SLUDGE
% Moisture: 81.2
Date Collected: 09-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.06 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029119

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	180	U	568		177	884	64	40 - 140%
11096-82-5	AROCLOR-1260	180	U	618		177	884	70	60 - 130%

Field ID: PP1G-030907-02
LabID: 0703089-2MSD

Sample Matrix: SLUDGE
% Moisture: 81.2
Date Collected: 09-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW3540 Rev C

Prep Batch: EX070314-6
QCBatchID: EX070314-6-1
Run ID: PT070315-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029120

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
12674-11-2	AROCLOR-1016	569		885	64	177	50	0
11096-82-5	AROCLOR-1260	652		885	74	177	50	5

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	88.4	73		76		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	88.4	64	*	65	*	70 - 125

Data Package ID: *PT0703089-1*

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:

Analyte	Sample ID
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 — 4/27/07

Rhonda Miller
Data Reporting Specialist

Date

SW — 4/27/07

Reviewer's Initials

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*

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: 1.03 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	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*

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: 1.02 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	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*

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*

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: 1.01 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	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*

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
QCBatchID: 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*

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: 1.09 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	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*

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
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	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*

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: 1 g
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*

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
QCBatchID: 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
QCBatchID: 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*

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 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 TCLP samples and 12 sludge samples.
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.

   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. This indicates a valid calibration and stable instrument conditions.
   - 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 0703089-18 and -23 were designated as the quality control samples for the leachate Trace ICP analyses. Samples 0703089-14 and -15 were designated as the quality control samples for the leachate mercury analyses. Sample 0703089-5 was designated as the quality control sample for the sludge Trace ICP and ICP-MS analyses. Sample 0703089-9 was designated as the quality control sample for the sludge mercury analyses.

   - A matrix spike and matrix spike duplicate were digested and analyzed with the each batch. All acceptance criteria for accuracy were met, with the following exception:

	Analyte	Sample ID
Sludge:	Manganese	0703089-5MS & MSD

The native sample results are flagged for matrix spike failure and an analytical post spike was performed. Results of the spike were acceptable indicating that the matrix was not significantly affecting quantitation of this analyte.

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

	Analyte	Sample ID
Sludge:	Iron	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 the each batch. All acceptance criteria for precision were met. with the following exceptions:

	Analyte	Sample ID
Sludge:	Copper	0703089-5D
	Lead	0703089-5D

The native sample results are flagged for duplicate failure. Where spike duplicate precision was outside control limits only the duplicate page shows the flag.

- A serial dilution was analyzed with each ICP batch. All acceptance criteria were met, with the following exception:

	Analyte	Sample ID
Sludge:	Zinc	0703089-5L

The native sample results are flagged for serial dilution failure.

9. Samples 0703089-1, -2, -3, -4, -7, -10, -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

3/23/07
Date

SW
Reviewer's Initials

3/22/07
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 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: 0703089
Client Name: S.M. Stoller Corporation
ClientProject ID: SJC Well 3 4165-030

Field ID: PP1G-030907-01
Lab ID: 0703089-14

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	1.3	1	0.0011		
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.022	0.1	0.0057	B	
7439-92-1	LEAD	1	0.058	0.03	0.018		
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-15

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.56	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.047	0.05	0.036	B	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-16

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.52	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-17

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.69	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0053	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-18

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.62	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.022	0.1	0.0057	B	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-19

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.76	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-20

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.48	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.0061	0.1	0.0057	B	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-21

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.37	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-22

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.59	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-23

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.67	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0045	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.018	0.1	0.0057	B	
7439-92-1	LEAD	1	0.023	0.03	0.018	B	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-24

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.42	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.0057	0.1	0.0057	B	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP ICP Metals

Method SW6010B--TCLP Leachate

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: 0703089-25
LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	1.1	1	0.0011		
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.023	0.03	0.018	B	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

TCLP MERCURY

Method SW7470

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-14	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.002	0.002	0.000049	U	2 g
PP1G-030907-02	0703089-15	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.002	0.002	0.000049	U	2 g
PP1G-030907-03	0703089-16	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.002	0.002	0.000049	U	2 g
PP1G-030907-04	0703089-17	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000057	0.002	0.000049	B	2 g
PP1G-030907-05	0703089-18	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.00006	0.002	0.000049	B	2 g
PP1G-030907-06	0703089-19	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000083	0.002	0.000049	B	2 g
PP1G-030907-07	0703089-20	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000077	0.002	0.000049	B	2 g
PP1G-030907-08	0703089-21	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000089	0.002	0.000049	B	2 g
PP1G-030907-09	0703089-22	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000051	0.002	0.000049	B	2 g
PP1G-030907-10	0703089-23	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.002	0.002	0.000049	U	2 g
PP1G-030907-11	0703089-24	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.0001	0.002	0.000049	B	2 g
PP1G-030907-12	0703089-25	3/9/2007	3/19/2007	03/20/2007	N/A	1	0.000093	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: *hg0703089-1*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	5	4.9	2.6		
7440-39-3	BARIUM	5	10000	240	0.26		
7440-43-9	CADMIUM	1	0.56	2.4	0.15	B	
7440-47-3	CHROMIUM	1	15	4.9	0.3		
7440-50-8	COPPER	1	27	4.9	0.2		
7439-89-6	IRON	1	16000	49	2.9		
7439-92-1	LEAD	1	18	1.5	1.2		
7439-96-5	MANGANESE	1	250	4.9	0.067		
7782-49-2	SELENIUM	1	2.4	2.4	1.7	U	
7440-22-4	SILVER	1	4.9	4.9	0.27	U	
7440-66-6	ZINC	1	95	9.7	1.4		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	5.2	5.2	2.7	B	
7440-39-3	BARIUM	5	12000	260	0.28		
7440-43-9	CADMIUM	1	0.46	2.6	0.16	B	
7440-47-3	CHROMIUM	1	15	5.2	0.32		
7440-50-8	COPPER	1	25	5.2	0.22		
7439-89-6	IRON	1	13000	52	3.1		
7439-92-1	LEAD	1	15	1.5	1.3		
7439-96-5	MANGANESE	1	240	5.2	0.071		
7782-49-2	SELENIUM	1	2.6	2.6	1.8	U	
7440-22-4	SILVER	1	5.2	5.2	0.29	U	
7440-66-6	ZINC	1	90	10	1.5		

Data Package ID: *it0703089-2*

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: it070319-2a4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 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
7440-38-2	ARSENIC	1	6.3	5.5	2.9		
7440-39-3	BARIUM	5	13000	280	0.3		
7440-43-9	CADMIUM	1	0.46	2.8	0.17	B	
7440-47-3	CHROMIUM	1	16	5.5	0.34		
7440-50-8	COPPER	1	24	5.5	0.23		
7439-89-6	IRON	1	14000	55	3.3		
7439-92-1	LEAD	1	18	1.7	1.3		
7439-96-5	MANGANESE	1	250	5.5	0.076		
7782-49-2	SELENIUM	1	2.8	2.8	1.9	U	
7440-22-4	SILVER	1	5.5	5.5	0.31	U	
7440-66-6	ZINC	1	91	11	1.6		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	4.7	2.4	1.3		
7440-39-3	BARIUM	5	6700	120	0.13		
7440-43-9	CADMIUM	1	0.37	1.2	0.074	B	
7440-47-3	CHROMIUM	1	11	2.4	0.15		
7440-50-8	COPPER	1	23	2.4	0.1		
7439-89-6	IRON	1	15000	24	1.4		
7439-92-1	LEAD	1	13	0.71	0.58		
7439-96-5	MANGANESE	1	240	2.4	0.032		
7782-49-2	SELENIUM	1	1.5	1.2	0.82		
7440-22-4	SILVER	1	0.19	2.4	0.13	B	
7440-66-6	ZINC	1	66	4.7	0.69		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	4.2	2.5	1.3		
7440-39-3	BARIUM	1	1900	25	0.027		
7440-43-9	CADMIUM	1	0.51	1.3	0.079	B	
7440-47-3	CHROMIUM	1	13	2.5	0.16		
7440-50-8	COPPER	1	18	2.5	0.11		*
7439-89-6	IRON	1	14000	25	1.5		
7439-92-1	LEAD	1	11	0.75	0.61		*
7439-96-5	MANGANESE	1	260	2.5	0.034		N
7782-49-2	SELENIUM	1	1.5	1.3	0.87		
7440-22-4	SILVER	1	2.5	2.5	0.14	U	
7440-66-6	ZINC	1	73	5	0.73		E

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	5	1.7	0.92		
7440-39-3	BARIUM	1	1100	17	0.019		
7440-43-9	CADMIUM	1	0.19	0.86	0.054	B	
7440-47-3	CHROMIUM	1	8.6	1.7	0.11		
7440-50-8	COPPER	1	21	1.7	0.072		
7439-89-6	IRON	1	19000	17	1		
7439-92-1	LEAD	1	16	0.52	0.42		
7439-96-5	MANGANESE	1	260	1.7	0.024		
7782-49-2	SELENIUM	1	1.3	0.86	0.6		
7440-22-4	SILVER	1	1.7	1.7	0.097	U	
7440-66-6	ZINC	1	61	3.4	0.5		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	6.3	4.6	2.4		
7440-39-3	BARIUM	5	5000	230	0.25		
7440-43-9	CADMIUM	1	0.42	2.3	0.14	B	
7440-47-3	CHROMIUM	1	17	4.6	0.28		
7440-50-8	COPPER	1	33	4.6	0.19		
7439-89-6	IRON	1	15000	46	2.8		
7439-92-1	LEAD	1	16	1.4	1.1		
7439-96-5	MANGANESE	1	260	4.6	0.063		
7782-49-2	SELENIUM	1	2.3	2.3	1.6	U	
7440-22-4	SILVER	1	4.6	4.6	0.26	U	
7440-66-6	ZINC	1	94	9.2	1.3		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	5.3	5.3	2.8		
7440-39-3	BARIUM	1	2700	53	0.057		
7440-43-9	CADMIUM	1	0.48	2.6	0.17	B	
7440-47-3	CHROMIUM	1	19	5.3	0.33		
7440-50-8	COPPER	1	34	5.3	0.22		
7439-89-6	IRON	1	16000	53	3.2		
7439-92-1	LEAD	1	18	1.6	1.3		
7439-96-5	MANGANESE	1	230	5.3	0.072		
7782-49-2	SELENIUM	1	2.6	2.6	1.8	U	
7440-22-4	SILVER	1	5.3	5.3	0.3	U	
7440-66-6	ZINC	1	96	11	1.5		

Data Package ID: *it0703089-2*

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
QCBatchID: IP070316-2-3
Run ID: it070319-2a4
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
7440-38-2	ARSENIC	1	5.2	3.8	2		
7440-39-3	BARIUM	1	1300	38	0.041		
7440-43-9	CADMIUM	1	0.4	1.9	0.12	B	
7440-47-3	CHROMIUM	1	13	3.8	0.24		
7440-50-8	COPPER	1	28	3.8	0.16		
7439-89-6	IRON	1	18000	38	2.3		
7439-92-1	LEAD	1	18	1.2	0.93		
7439-96-5	MANGANESE	1	250	3.8	0.053		
7782-49-2	SELENIUM	1	1.4	1.9	1.3	B	
7440-22-4	SILVER	1	0.33	3.8	0.22	B	
7440-66-6	ZINC	1	86	7.7	1.1		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	3.9	3.5	1.9		
7440-39-3	BARIUM	5	7100	170	0.19		
7440-43-9	CADMIUM	1	0.33	1.7	0.11	B	
7440-47-3	CHROMIUM	1	15	3.5	0.22		
7440-50-8	COPPER	1	69	3.5	0.15		
7439-89-6	IRON	1	13000	35	2.1		
7439-92-1	LEAD	1	35	1	0.85		
7439-96-5	MANGANESE	1	210	3.5	0.048		
7782-49-2	SELENIUM	1	1.3	1.7	1.2	B	
7440-22-4	SILVER	1	3.5	3.5	0.2	U	
7440-66-6	ZINC	1	120	7	1		

Data Package ID: *it0703089-2*

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
QCBatchID: IP070316-2-3
Run ID: it070319-2a4
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
7440-38-2	ARSENIC	1	5.1	5.4	2.9	B	
7440-39-3	BARIUM	5	11000	270	0.29		
7440-43-9	CADMIUM	1	0.43	2.7	0.17	B	
7440-47-3	CHROMIUM	1	16	5.4	0.33		
7440-50-8	COPPER	1	27	5.4	0.23		
7439-89-6	IRON	1	12000	54	3.2		
7439-92-1	LEAD	1	22	1.6	1.3		
7439-96-5	MANGANESE	1	240	5.4	0.074		
7782-49-2	SELENIUM	1	2.7	2.7	1.9	U	
7440-22-4	SILVER	1	5.4	5.4	0.3	U	
7440-66-6	ZINC	1	92	11	1.6		

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	1	5.9	4.2	2.2		
7440-39-3	BARIUM	5	10000	210	0.23		
7440-43-9	CADMIUM	1	0.46	2.1	0.13	B	
7440-47-3	CHROMIUM	1	13	4.2	0.26		
7440-50-8	COPPER	1	29	4.2	0.18		
7439-89-6	IRON	1	16000	42	2.5		
7439-92-1	LEAD	1	20	1.3	1		
7439-96-5	MANGANESE	1	230	4.2	0.058		
7782-49-2	SELENIUM	1	2.1	2.1	1.5	U	
7440-22-4	SILVER	1	0.28	4.2	0.24	B	
7440-66-6	ZINC	1	94	8.4	1.2		

Data Package ID: *it0703089-2*

Total URANIUM

Method SW6020

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
Reporting Basis: Dry Weight

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
PP1G-030907-01	0703089-1	3/9/2007	3/16/2007	03/19/2007	79.61	10	1700	49	1.3		1.01 g
PP1G-030907-02	0703089-2	3/9/2007	3/16/2007	03/19/2007	81.18	10	1500	52	1.4		1.03 g
PP1G-030907-03	0703089-3	3/9/2007	3/16/2007	03/19/2007	82.26	10	1600	55	1.5		1.02 g
PP1G-030907-04	0703089-4	3/9/2007	3/16/2007	03/19/2007	59.07	10	940	24	0.64		1.03 g
PP1G-030907-05	0703089-5	3/9/2007	3/16/2007	03/19/2007	60.55	10	920	25	0.67		1.01 g
PP1G-030907-06	0703089-6	3/9/2007	3/16/2007	03/19/2007	46.79	10	750	17	0.46		1.09 g
PP1G-030907-07	0703089-7	3/9/2007	3/16/2007	03/19/2007	78.43	10	1400	46	1.2		1.01 g
PP1G-030907-08	0703089-8	3/9/2007	3/16/2007	03/19/2007	81.23	10	1500	53	1.4		1.01 g
PP1G-030907-09	0703089-9	3/9/2007	3/16/2007	03/19/2007	74.92	10	1300	38	1		1.04 g
PP1G-030907-10	0703089-10	3/9/2007	3/16/2007	03/19/2007	73.74	10	1200	35	0.94		1.09 g
PP1G-030907-11	0703089-11	3/9/2007	3/16/2007	03/19/2007	81.55	10	1600	54	1.4		1.01 g
PP1G-030907-12	0703089-12	3/9/2007	3/16/2007	03/19/2007	77.31	10	1500	42	1.1		1.05 g

Comments:

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

Data Package ID: *im0703089-2*

Total MERCURY

Method SW7471

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
Reporting Basis: Dry Weight

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
PP1G-030907-01	0703089-1	3/9/2007	3/14/2007	03/14/2007	79.61	1	0.038	0.16	0.004	B	0.613 g
PP1G-030907-02	0703089-2	3/9/2007	3/14/2007	03/14/2007	81.18	1	0.033	0.18	0.0045	B	0.593 g
PP1G-030907-03	0703089-3	3/9/2007	3/14/2007	03/14/2007	82.26	1	0.033	0.18	0.0044	B	0.633 g
PP1G-030907-04	0703089-4	3/9/2007	3/14/2007	03/14/2007	59.07	1	0.029	0.081	0.002	B	0.604 g
PP1G-030907-05	0703089-5	3/9/2007	3/14/2007	03/14/2007	60.55	1	0.026	0.084	0.0021	B	0.607 g
PP1G-030907-06	0703089-6	3/9/2007	3/14/2007	03/14/2007	46.79	1	0.036	0.061	0.0015	B	0.616 g
PP1G-030907-07	0703089-7	3/9/2007	3/14/2007	03/14/2007	78.43	1	0.033	0.15	0.0038	B	0.614 g
PP1G-030907-08	0703089-8	3/9/2007	3/14/2007	03/14/2007	81.23	1	0.042	0.18	0.0044	B	0.604 g
PP1G-030907-09	0703089-9	3/9/2007	3/14/2007	03/14/2007	74.92	1	0.041	0.13	0.0032	B	0.616 g
PP1G-030907-10	0703089-10	3/9/2007	3/14/2007	03/14/2007	73.74	1	0.033	0.13	0.0031	B	0.603 g
PP1G-030907-11	0703089-11	3/9/2007	3/14/2007	03/14/2007	81.55	1	0.024	0.17	0.0043	B	0.626 g
PP1G-030907-12	0703089-12	3/9/2007	3/14/2007	03/14/2007	77.31	1	0.044	0.15	0.0036	B	0.604 g

Comments:

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

Data Package ID: *hg0703089-2*

ICP Metals

Method SW6010B--Leachate

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: EX070318-1MB

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	0.1	0.1	0.042	U	
7440-39-3	BARIUM	1	0.084	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.1	0.1	0.0057	U	
7439-92-1	LEAD	1	0.03	0.03	0.018	U	
7782-49-2	SELENIUM	1	0.05	0.05	0.036	U	
7440-22-4	SILVER	1	0.1	0.1	0.0074	U	

Data Package ID: *it0703089-1*

ICP Metals

Method SW6010B--Leachate

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: EX070318-1LCS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007
Prep Method: SW3010B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	20	18.4	0.1		92	80 - 120%
7440-39-3	BARIUM	20	19	1		95	80 - 120%
7440-43-9	CADMIUM	0.5	0.485	0.05		97	80 - 120%
7440-47-3	CHROMIUM	2	1.91	0.1		96	80 - 120%
7439-92-1	LEAD	5	4.63	0.03		93	80 - 120%
7782-49-2	SELENIUM	20	18.4	0.05		92	80 - 120%
7440-22-4	SILVER	1	0.977	0.1		98	80 - 120%

Lab ID: EX070318-1LCSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007
Prep Method: SW3010B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
Clean DF: 1
File Name: 070320A.

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	20	18.2	0.1		91	20	1
7440-39-3	BARIUM	20	18.8	1		94	20	1
7440-43-9	CADMIUM	0.5	0.483	0.05		97	20	0
7440-47-3	CHROMIUM	2	1.9	0.1		95	20	1
7439-92-1	LEAD	5	4.59	0.03		92	20	1
7782-49-2	SELENIUM	20	18.2	0.05		91	20	1
7440-22-4	SILVER	1	0.968	0.1		97	20	1

Data Package ID: *it0703089-1*

ICP Metals

Method SW6010B--Leachate

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: 0703089-18MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: 070320A.

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	18.4		0.1	20	92	80 - 120%
7440-39-3	BARIUM	0.62	B	18.7		1	20	91	80 - 120%
7440-43-9	CADMIUM	0.05	U	0.481		0.05	0.5	96	80 - 120%
7440-47-3	CHROMIUM	0.022	B	1.84		0.1	2	91	80 - 120%
7439-92-1	LEAD	0.03	U	4.66		0.03	5	93	80 - 120%
7782-49-2	SELENIUM	0.05	U	18.7		0.05	20	94	80 - 120%
7440-22-4	SILVER	0.1	U	0.97		0.1	1	97	80 - 120%

Field ID: PP1G-030907-05
LabID: 0703089-18MSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070319-2
QCBatchID: IP070319-2-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: 070320A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	18.4		20	92	0.1	20	0
7440-39-3	BARIUM	18.7		20	90	1	20	0
7440-43-9	CADMIUM	0.485		0.5	97	0.05	20	1
7440-47-3	CHROMIUM	1.84		2	91	0.1	20	0
7439-92-1	LEAD	4.63		5	93	0.03	20	1
7782-49-2	SELENIUM	18.6		20	93	0.05	20	1
7440-22-4	SILVER	0.982		1	98	0.1	20	1

Data Package ID: *it0703089-1*

ICP Metals

Method SW6010B--Leachate
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-030907-10
LabID: 0703089-23MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: 070320A.

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	18.4		0.1	20	92	80 - 120%
7440-39-3	BARIUM	0.67	B	19.2		1	20	92	80 - 120%
7440-43-9	CADMIUM	0.0045	B	0.481		0.05	0.5	95	80 - 120%
7440-47-3	CHROMIUM	0.018	B	1.84		0.1	2	91	80 - 120%
7439-92-1	LEAD	0.023	B	4.66		0.03	5	93	80 - 120%
7782-49-2	SELENIUM	0.05	U	18.5		0.05	20	92	80 - 120%
7440-22-4	SILVER	0.1	U	0.968		0.1	1	97	80 - 120%

Field ID: PP1G-030907-10
LabID: 0703089-23MSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: SW3010 Rev B

Prep Batch: IP070319-1
QCBatchID: IP070319-1-1
Run ID: it070320-2a5
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 g
Final Volume: 50 g
Result Units: mg/l
File Name: 070320A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	18.1		20	91	0.1	20	1
7440-39-3	BARIUM	19		20	92	1	20	1
7440-43-9	CADMIUM	0.48		0.5	95	0.05	20	0
7440-47-3	CHROMIUM	1.83		2	90	0.1	20	1
7439-92-1	LEAD	4.62		5	92	0.03	20	1
7782-49-2	SELENIUM	18.4		20	92	0.05	20	1
7440-22-4	SILVER	0.966		1	97	0.1	20	0

Data Package ID: *it0703089-1*

Mercury

Method SW7470A--Leachate

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: EX070318-1MB

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07

Prep Batch: HG070319-5
QCBatchID: HG070319-5-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
Clean DF: 1
File Name: 07032001

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	0.000075	0.002	0.000049	B	

Data Package ID: *hg0703089-1*

Mercury

Method SW7470A--Leachate

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: EX070318-1LCS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007
Prep Method: METHOD

Prep Batch: HG070319-5
QCBatchID: HG070319-5-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
Clean DF: 1
File Name: 07032001

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.01	0.0102	0.002		102	80 - 120%

Lab ID: EX070318-1LCSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007
Prep Method: METHOD

Prep Batch: HG070319-5
QCBatchID: HG070319-5-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
Clean DF: 1
File Name: 07032001

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.01	0.0102	0.002		102	20	0

Data Package ID: *hg0703089-1*

Mercury

Method SW7470A--Leachate

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-030907-01
LabID: 0703089-14MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: HG070319-5
QCBatchID: HG070319-5-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07032001

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.002	U	0.0207		0.002	0.02	104	80 - 120%

Field ID: PP1G-030907-01
LabID: 0703089-14MSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: HG070319-5
QCBatchID: HG070319-5-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07032001

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.0204		0.02	102	0.002	20	1

Data Package ID: *hg0703089-1*

Mercury

Method SW7470A--Leachate
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-030907-02
LabID: 0703089-15MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: HG070319-6
QCBatchID: HG070319-6-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07032001

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.002	U	0.0204		0.002	0.02	102	80 - 120%

Field ID: PP1G-030907-02
LabID: 0703089-15MSD

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 20-Mar-07
Prep Method: METHOD

Prep Batch: HG070319-6
QCBatchID: HG070319-6-1
Run ID: hg070320-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07032001

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.0204		0.02	102	0.002	20	0

Data Package ID: *hg0703089-1*

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: it070319-2a4
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	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1	1	0.53	U	
7440-39-3	BARIUM	1	0.9	10	0.011	B	
7440-43-9	CADMIUM	1	0.5	0.5	0.031	U	
7440-47-3	CHROMIUM	1	1	1	0.062	U	
7440-50-8	COPPER	1	1	1	0.042	U	
7439-89-6	IRON	1	1.4	10	0.6	B	
7439-92-1	LEAD	1	0.3	0.3	0.24	U	
7439-96-5	MANGANESE	1	0.095	1	0.014	B	
7782-49-2	SELENIUM	1	0.5	0.5	0.35	U	
7440-22-4	SILVER	1	1	1	0.056	U	
7440-66-6	ZINC	1	0.34	2	0.29	B	

Data Package ID: *it0703089-2*

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
QCBatchID: IP070316-2-3
Run ID: it070319-2a4
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
7440-38-2	ARSENIC	200	182	1		91	80 - 120%
7440-39-3	BARIUM	200	189	10		95	80 - 120%
7440-43-9	CADMIUM	5	4.91	0.5		98	80 - 120%
7440-47-3	CHROMIUM	20	18.5	1		92	80 - 120%
7440-50-8	COPPER	25	25.2	1		101	80 - 120%
7439-89-6	IRON	100	94.2	10		94	80 - 120%
7439-92-1	LEAD	50	47.8	0.3		96	80 - 120%
7439-96-5	MANGANESE	50	46.5	1		93	80 - 120%
7782-49-2	SELENIUM	200	179	0.5		89	80 - 120%
7440-22-4	SILVER	10	9.65	1		96	80 - 120%
7440-66-6	ZINC	50	45.7	2		91	80 - 120%

Data Package ID: *it0703089-2*

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: IP070316-2LCSD

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
QCBatchID: IP070316-2-3
Run ID: it070319-2a4
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
7440-38-2	ARSENIC	200	183	1		91	20	0
7440-39-3	BARIUM	200	188	10		94	20	1
7440-43-9	CADMIUM	5	4.91	0.5		98	20	0
7440-47-3	CHROMIUM	20	18.5	1		92	20	0
7440-50-8	COPPER	25	24.9	1		99	20	1
7439-89-6	IRON	100	95	10		95	20	1
7439-92-1	LEAD	50	47.7	0.3		95	20	0
7439-96-5	MANGANESE	50	46.4	1		93	20	0
7782-49-2	SELENIUM	200	180	0.5		90	20	1
7440-22-4	SILVER	10	9.64	1		96	20	0
7440-66-6	ZINC	50	46.3	2		93	20	1

Data Package ID: *it0703089-2*

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: it070319-2a4
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
7440-38-2	ARSENIC	4.2		453		2.51	502	89	80 - 120%
7440-39-3	BARIUM	1900		2380		25.1	502	101	80 - 120%
7440-43-9	CADMIUM	0.51	B	12.5		1.25	12.5	95	80 - 120%
7440-47-3	CHROMIUM	13		56.2		2.51	50.2	85	80 - 120%
7440-50-8	COPPER	18		80.1		2.51	62.7	99	80 - 120%
7439-89-6	IRON	14000		16000		25.1	251	608	80 - 120%
7439-92-1	LEAD	11		128		0.753	125	93	80 - 120%
7439-96-5	MANGANESE	260		356	N	2.51	125	78	80 - 120%
7782-49-2	SELENIUM	1.5		447		1.25	502	89	80 - 120%
7440-22-4	SILVER	2.51	U	23.9		2.51	25.1	95	80 - 120%
7440-66-6	ZINC	73		178		5.02	125	84	80 - 120%

Data Package ID: *it0703089-2*

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: 0703089-5MSD

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: it070319-2a4
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
7440-38-2	ARSENIC	447		507	87	2.53	20	1
7440-39-3	BARIUM	2390		507	102	25.3	20	0
7440-43-9	CADMIUM	12.3		12.7	93	1.27	20	1
7440-47-3	CHROMIUM	57.4		50.7	87	2.53	20	2
7440-50-8	COPPER	80.5		63.4	99	2.53	20	0
7439-89-6	IRON	15400		253	377	25.3	20	4
7439-92-1	LEAD	129		127	93	0.76	20	1
7439-96-5	MANGANESE	344	N	127	68	2.53	20	4
7782-49-2	SELENIUM	442		507	87	1.27	20	1
7440-22-4	SILVER	24		25.3	95	2.53	20	0
7440-66-6	ZINC	174		127	80	5.07	20	2

Data Package ID: *it0703089-2*

ICP Metals

Method SW6010

Analytical Spike Sample Recovery

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: 0703089-5A

Run ID: it070319-2a4
Date Analyzed: 19-Mar-07
Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
MANGANESE	1.03		1.78		1	75	75 - 125%

Data Package ID: *it0703089-2*

ICPMS Metals

Method SW6020A

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: IP070316-2-2
Run ID: im070319-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: ug/kg
Clean DF: 1
File Name: 19MAR07A

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-61-1	URANIUM	10	10	10	27	U	

Data Package ID: *im0703089-2*

ICPMS Metals

Method SW6020A

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: IM070316-2LCS

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
QCBatchID: IP070316-2-2
Run ID: im070319-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: ug/kg
Clean DF: 1
File Name: 19MAR07A

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-61-1	URANIUM	2000	2060	10		103	80 - 120%

Lab ID: IM070316-2LCSD

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
QCBatchID: IP070316-2-2
Run ID: im070319-1a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: ug/kg
Clean DF: 1
File Name: 19MAR07A

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-61-1	URANIUM	2000	2020	10		101	20	2

Data Package ID: *im0703089-2*

ICPMS Metals

Method SW6020A

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: IP070316-2-2
Run ID: im070319-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: ug/kg
File Name: 19MAR07A

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-61-1	URANIUM	920		6420		25.1	5020	109	75 - 125%

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: IP070316-2-2
Run ID: im070319-1a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: ug/kg
File Name: 19MAR07A

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-61-1	URANIUM	6340		5070	107	25.3	20	1

Data Package ID: *im0703089-2*

Mercury

Method SW7471A

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: HG070314-1MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Mar-07
Date Analyzed: 14-Mar-07

Prep Batch: HG070314-1
QCBatchID: HG070314-1-2
Run ID: hg070314-2a3
Cleanup: NONE
Basis: N/A

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: mg/kg
Clean DF: 1
File Name: 07031402

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: *hg0703089-2*

Mercury

Method SW7471A

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: HG070314-1LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: METHOD

Prep Batch: HG070314-1
QCBatchID: HG070314-1-2
Run ID: hg070314-2a3
Cleanup: NONE
Basis: N/A

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: mg/kg
Clean DF: 1
File Name: 07031402

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.172	0.0333		103	80 - 120%

Lab ID: HG070314-1LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: METHOD

Prep Batch: HG070314-1
QCBatchID: HG070314-1-2
Run ID: hg070314-2a3
Cleanup: NONE
Basis: N/A

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: mg/kg
Clean DF: 1
File Name: 07031402

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.17	0.0333		102	20	1

Data Package ID: *hg0703089-2*

Mercury

Method SW7471A

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-030907-09
LabID: 0703089-9MS

Sample Matrix: SLUDGE
% Moisture: 74.9
Date Collected: 09-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: HG070314-1
QCBatchID: HG070314-1-2
Run ID: hg070314-2a3
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.624 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07031402

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.041	B	1.36		0.128	1.28	103	80 - 120%

Field ID: PP1G-030907-09
LabID: 0703089-9MSD

Sample Matrix: SLUDGE
% Moisture: 74.9
Date Collected: 09-Mar-07
Date Extracted: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: HG070314-1
QCBatchID: HG070314-1-2
Run ID: hg070314-2a3
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.616 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07031402

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	1.4		1.29	105	0.129	20	3

Data Package ID: *hg0703089-2*

Paragon Analytics

INORGANICS CASE NARRATIVE

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples.
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, 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:

Analyte	Method	SOP #
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.

8. Matrix specific quality control procedures.

   Sample 0703089-3 was designated as the quality control sample for the total cyanide, chloride, fluoride, nitrate as N, and sulfate analyses. Samples 0703089-3 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:

Analyte	Sample ID
Fluoride	0703089-3MS & MSD
Nitrate as N	0703089-3MSD

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

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

Analyte	Sample ID
Chloride	0703089-3MS & 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 samples 0703089-2 thru -8, -10, and -11. 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 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: 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.

- 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 3 4165-030
Work Order Number: 0703089
Reporting Basis: Dry Weight
Prep Method: SW9010
Final Volume: 50 ml
Matrix: SLUDGE
Result Units: mg/kg

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
PP1G-030907-01	0703089-1	03/09/2007	03/15/2007	03/15/2007	79.61	1	2.5	2.5	U	1 g
PP1G-030907-02	0703089-2	03/09/2007	03/15/2007	03/15/2007	81.18	1	2.7	2.7	U	1 g
PP1G-030907-03	0703089-3	03/09/2007	03/15/2007	03/15/2007	82.26	1	2.8	2.8	U	1 g
PP1G-030907-04	0703089-4	03/09/2007	03/15/2007	03/15/2007	59.07	1	1.2	1.2	U	1 g
PP1G-030907-05	0703089-5	03/09/2007	03/15/2007	03/15/2007	60.55	1	1.3	1.3	U	1 g
PP1G-030907-06	0703089-6	03/09/2007	03/15/2007	03/15/2007	46.79	1	0.94	0.94	U	1 g
PP1G-030907-07	0703089-7	03/09/2007	03/15/2007	03/15/2007	78.43	1	2.3	2.3	U	1 g
PP1G-030907-08	0703089-8	03/09/2007	03/15/2007	03/15/2007	81.23	1	2.7	2.7	U	1 g
PP1G-030907-09	0703089-9	03/09/2007	03/15/2007	03/15/2007	74.92	1	2	2	U	1 g
PP1G-030907-10	0703089-10	03/09/2007	03/15/2007	03/15/2007	73.74	1	1.9	1.9	U	1 g
PP1G-030907-11	0703089-11	03/09/2007	03/15/2007	03/15/2007	81.55	1	2.7	2.7	U	1 g
PP1G-030907-12	0703089-12	03/09/2007	03/15/2007	03/15/2007	77.31	1	2.2	2.2	U	1 g

Comments:

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

Data Package ID: *cn0703089-1*

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 3 4165-030
Work Order Number: 0703089
Reporting Basis: As Received
Prep Method: METHOD
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
PP1G-030907-01	0703089-1	03/09/2007	03/16/2007	03/16/2007	N/A	1	9.63	0.1		20 g
PP1G-030907-02	0703089-2	03/09/2007	03/16/2007	03/16/2007	N/A	1	11.92	0.1		20 g
PP1G-030907-03	0703089-3	03/09/2007	03/16/2007	03/16/2007	N/A	1	11.95	0.1		20 g
PP1G-030907-04	0703089-4	03/09/2007	03/16/2007	03/16/2007	N/A	1	11.84	0.1		20 g
PP1G-030907-05	0703089-5	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.43	0.1		20 g
PP1G-030907-06	0703089-6	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.12	0.1		20 g
PP1G-030907-07	0703089-7	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.2	0.1		20 g
PP1G-030907-08	0703089-8	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.24	0.1		20 g
PP1G-030907-09	0703089-9	03/09/2007	03/16/2007	03/16/2007	N/A	1	11.13	0.1		20 g
PP1G-030907-10	0703089-10	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.45	0.1		20 g
PP1G-030907-11	0703089-11	03/09/2007	03/16/2007	03/16/2007	N/A	1	12.23	0.1		20 g
PP1G-030907-12	0703089-12	03/09/2007	03/16/2007	03/16/2007	N/A	1	10.55	0.1		20 g

Comments:

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

Data Package ID: *ph0703089-1*

SPECIFIC CONDUCTIVITY

Method EPA120.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/19/2007	03/20/2007	N/A	1	786	1		4 g
PP1G-030907-02	0703089-2	03/09/2007	03/19/2007	03/20/2007	N/A	1	1119	1		4 g
PP1G-030907-03	0703089-3	03/09/2007	03/19/2007	03/20/2007	N/A	1	1168	1		4 g
PP1G-030907-04	0703089-4	03/09/2007	03/19/2007	03/20/2007	N/A	1	1185	1		4 g
PP1G-030907-05	0703089-5	03/09/2007	03/19/2007	03/20/2007	N/A	1	2190	1		4 g
PP1G-030907-06	0703089-6	03/09/2007	03/19/2007	03/20/2007	N/A	1	1075	1		4 g
PP1G-030907-07	0703089-7	03/09/2007	03/19/2007	03/20/2007	N/A	1	1491	1		4 g
PP1G-030907-08	0703089-8	03/09/2007	03/19/2007	03/20/2007	N/A	1	1604	1		4 g
PP1G-030907-09	0703089-9	03/09/2007	03/19/2007	03/20/2007	N/A	1	875	1		4 g
PP1G-030907-10	0703089-10	03/09/2007	03/19/2007	03/20/2007	N/A	1	2070	1		4 g
PP1G-030907-11	0703089-11	03/09/2007	03/19/2007	03/20/2007	N/A	1	1639	1		4 g
PP1G-030907-12	0703089-12	03/09/2007	03/19/2007	03/20/2007	N/A	1	746	1		4 g

Comments:

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

Data Package ID: *sc0703089-1*

CHLORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/19/2007	03/20/2007	79.61	10	4600	98		4 g
PP1G-030907-02	0703089-2	03/09/2007	03/19/2007	03/20/2007	81.18	20	4800	210		4 g
PP1G-030907-03	0703089-3	03/09/2007	03/19/2007	03/20/2007	82.26	20	5100	230		4 g
PP1G-030907-04	0703089-4	03/09/2007	03/19/2007	03/20/2007	59.07	20	2000	98		4 g
PP1G-030907-05	0703089-5	03/09/2007	03/19/2007	03/19/2007	60.55	5	2000	25		4 g
PP1G-030907-06	0703089-6	03/09/2007	03/19/2007	03/20/2007	46.79	20	960	75		4 g
PP1G-030907-07	0703089-7	03/09/2007	03/19/2007	03/20/2007	78.43	20	5200	190		4 g
PP1G-030907-08	0703089-8	03/09/2007	03/19/2007	03/20/2007	81.23	20	5800	210		4 g
PP1G-030907-09	0703089-9	03/09/2007	03/19/2007	03/20/2007	74.92	10	4200	80		4 g
PP1G-030907-10	0703089-10	03/09/2007	03/19/2007	03/20/2007	73.74	50	4100	380		4 g
PP1G-030907-11	0703089-11	03/09/2007	03/19/2007	03/20/2007	81.55	20	6100	220		4 g
PP1G-030907-12	0703089-12	03/09/2007	03/19/2007	03/20/2007	77.31	10	4000	88		4 g

Comments:

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

Data Package ID: *ic0703089-1*

FLUORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/19/2007	03/19/2007	79.61	1	4.9	4.9	U	4 g
PP1G-030907-02	0703089-2	03/09/2007	03/19/2007	03/19/2007	81.18	2	11	11	U	4 g
PP1G-030907-03	0703089-3	03/09/2007	03/19/2007	03/19/2007	82.26	2	11	11	UN	4 g
PP1G-030907-04	0703089-4	03/09/2007	03/19/2007	03/19/2007	59.07	2	4.9	4.9	U	4 g
PP1G-030907-05	0703089-5	03/09/2007	03/19/2007	03/19/2007	60.55	5	13	13	U	4 g
PP1G-030907-06	0703089-6	03/09/2007	03/19/2007	03/19/2007	46.79	2	3.8	3.8	U	4 g
PP1G-030907-07	0703089-7	03/09/2007	03/19/2007	03/19/2007	78.43	2	9.3	9.3	U	4 g
PP1G-030907-08	0703089-8	03/09/2007	03/19/2007	03/19/2007	81.23	2	11	11	U	4 g
PP1G-030907-09	0703089-9	03/09/2007	03/19/2007	03/19/2007	74.92	1	4	4	U	4 g
PP1G-030907-10	0703089-10	03/09/2007	03/19/2007	03/19/2007	73.74	2	7.6	7.6	U	4 g
PP1G-030907-11	0703089-11	03/09/2007	03/19/2007	03/19/2007	81.55	2	11	11	U	4 g
PP1G-030907-12	0703089-12	03/09/2007	03/19/2007	03/19/2007	77.31	1	4.4	4.4	U	4 g

Comments:

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

Data Package ID: *ic0703089-1*

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 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/19/2007	03/19/2007	79.61	1	9.8	9.8	U	4 g
PP1G-030907-02	0703089-2	03/09/2007	03/19/2007	03/19/2007	81.18	2	21	21	U	4 g
PP1G-030907-03	0703089-3	03/09/2007	03/19/2007	03/19/2007	82.26	2	23	23	UN	4 g
PP1G-030907-04	0703089-4	03/09/2007	03/19/2007	03/19/2007	59.07	2	9.8	9.8	U	4 g
PP1G-030907-05	0703089-5	03/09/2007	03/19/2007	03/19/2007	60.55	5	25	25	U	4 g
PP1G-030907-06	0703089-6	03/09/2007	03/19/2007	03/19/2007	46.79	2	7.5	7.5	U	4 g
PP1G-030907-07	0703089-7	03/09/2007	03/19/2007	03/19/2007	78.43	2	19	19	U	4 g
PP1G-030907-08	0703089-8	03/09/2007	03/19/2007	03/19/2007	81.23	2	21	21	U	4 g
PP1G-030907-09	0703089-9	03/09/2007	03/19/2007	03/19/2007	74.92	1	8	8	U	4 g
PP1G-030907-10	0703089-10	03/09/2007	03/19/2007	03/19/2007	73.74	2	15	15	U	4 g
PP1G-030907-11	0703089-11	03/09/2007	03/19/2007	03/19/2007	81.55	2	22	22	U	4 g
PP1G-030907-12	0703089-12	03/09/2007	03/19/2007	03/19/2007	77.31	1	8.8	8.8	U	4 g

Comments:

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

Data Package ID: *ic0703089-1*

SULFATE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/19/2007	03/19/2007	79.61	1	4900	49		4 g
PP1G-030907-02	0703089-2	03/09/2007	03/19/2007	03/19/2007	81.18	2	3600	110		4 g
PP1G-030907-03	0703089-3	03/09/2007	03/19/2007	03/19/2007	82.26	2	3700	110		4 g
PP1G-030907-04	0703089-4	03/09/2007	03/19/2007	03/19/2007	59.07	2	810	49		4 g
PP1G-030907-05	0703089-5	03/09/2007	03/19/2007	03/19/2007	60.55	5	510	130		4 g
PP1G-030907-06	0703089-6	03/09/2007	03/19/2007	03/19/2007	46.79	2	920	38		4 g
PP1G-030907-07	0703089-7	03/09/2007	03/19/2007	03/19/2007	78.43	2	2800	93		4 g
PP1G-030907-08	0703089-8	03/09/2007	03/19/2007	03/19/2007	81.23	2	3200	110		4 g
PP1G-030907-09	0703089-9	03/09/2007	03/19/2007	03/19/2007	74.92	1	3800	40		4 g
PP1G-030907-10	0703089-10	03/09/2007	03/19/2007	03/19/2007	73.74	2	970	76		4 g
PP1G-030907-11	0703089-11	03/09/2007	03/19/2007	03/19/2007	81.55	2	2400	110		4 g
PP1G-030907-12	0703089-12	03/09/2007	03/19/2007	03/19/2007	77.31	1	3700	44		4 g

Comments:

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

Data Package ID: *ic0703089-1*

Total Cyanide

Method SW9014

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: CN070315-1MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 15-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW9010

Prep Batch: CN070315-1
QCBatchID: CN070315-1-1
Run ID: cn070315-1a
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: *cn0703089-1*

Total Cyanide

Method SW9014

Laboratory Control Sample

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

Lab ID: CN070315-1LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/15/2007
Date Analyzed: 03/15/2007
Prep Method: SW9010

Prep Batch: CN070315-1
QCBatchID: CN070315-1-1
Run ID: cn070315-1a
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	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
57-12-5	CYANIDE, TOTAL	20	20	0.5		100	85 - 115%

Data Package ID: *cn0703089-1*

Total Cyanide

Method SW9014

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-030907-03
LabID: 0703089-3MS

Sample Matrix: SLUDGE
% Moisture: 82.3
Date Collected: 09-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW9010

Prep Batch: CN070315-1
QCBatchID: CN070315-1-1
Run ID: cn070315-1a
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	2.8	U	29.7		2.82	28.2	105	75 - 125%

Field ID: PP1G-030907-03
LabID: 0703089-3MSD

Sample Matrix: SLUDGE
% Moisture: 82.3
Date Collected: 09-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW9010

Prep Batch: CN070315-1
QCBatchID: CN070315-1-1
Run ID: cn070315-1a
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	29.7		28.2	105	2.82	30	0

Data Package ID: *cn0703089-1*

pH

Method SW9045

Duplicate 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: 0703089-3D

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 03/09/2007
Date Extracted: 03/16/2007
Date Analyzed: 03/16/2007

Prep Batch: PH070316-1
QCBatchID: PH070316-1-1
Run ID: ph070316-1a
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	11.95		11.78		0.1	1		0.5

Data Package ID: *ph0703089-1*

pH

Method SW9045

Duplicate 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: 0703089-12D

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 03/09/2007
Date Extracted: 03/16/2007
Date Analyzed: 03/16/2007

Prep Batch: PH070316-1
QCBatchID: PH070316-1-1
Run ID: ph070316-1a
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	10.55		10.52		0.1	1		0.5

Data Package ID: *ph0703089-1*

Specific Conductance in Water

Method EPA120.1

Duplicate 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: 0703089-3D

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 03/09/2007
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007

Prep Batch: WC070319-2
QCBatchID: WC070319-2-2
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	1168		1111		1	1	5	10

Data Package ID: *sc0703089-1*

Specific Conductance in Water

Method EPA120.1

Duplicate 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: 0703089-12D

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: 03/09/2007
Date Extracted: 03/19/2007
Date Analyzed: 03/20/2007

Prep Batch: WC070319-2
QCBatchID: WC070319-2-2
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	746		730		1	1	2	10

Data Package ID: *sc0703089-1*

Ion Chromatography

Method EPA300.0 Revision 2.1

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: WC070319-2MB

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: WC070319-2
QCBatchID: WC070319-2-1
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_011.

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: *ic0703089-1*

Ion Chromatography

Method EPA300.0 Revision 2.1

Laboratory Control Sample

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

Lab ID: WC070319-2LCS

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: WC070319-2
QCBatchID: WC070319-2-1
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_012.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
16984-48-8	FLUORIDE	50	51.3	1		103	85 - 115%
16887-00-6	CHLORIDE	100	96.1	2		96	85 - 115%
14797-55-8	NITRATE AS N	100	94.8	2		95	85 - 115%
14808-79-8	SULFATE	500	482	10		96	85 - 115%

Data Package ID: *ic0703089-1*

Ion Chromatography

Method EPA300.0 Revision 2.1

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-030907-03
LabID: 0703089-3MS

Sample Matrix: SLUDGE
% Moisture: 82.3
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 19-Mar-07
Prep Method: METHOD

Prep Batch: WC070319-2
QCBatchID: WC070319-2-1
Run ID: ic070319-1a
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 4 g
Final Volume: 40 ml
Result Units: mg/kg
File Name: 70319_018.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	40.6	N	11.3	113	36	85 - 115%
14797-55-8	NITRATE AS N	23	U	240		22.5	282	85	85 - 115%
14808-79-8	SULFATE	3700		4700		113	1130	92	85 - 115%

Field ID: PP1G-030907-03
LabID: 0703089-3MSD

Sample Matrix: SLUDGE
% Moisture: 82.3
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 19-Mar-07
Prep Method: METHOD

Prep Batch: WC070319-2
QCBatchID: WC070319-2-1
Run ID: ic070319-1a
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 4 g
Final Volume: 40 ml
Result Units: mg/kg
File Name: 70319_019.DXD

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
16984-48-8	FLUORIDE	36.6	N	113	32	11.3	30	10
14797-55-8	NITRATE AS N	232	N	282	82	22.5	30	3
14808-79-8	SULFATE	4840		1130	105	113	30	3

Data Package ID: *ic0703089-1*

Paragon Analytics

OIL AND GREASE CASE NARRATIVE

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples. The samples were received cool and intact on 03/13/07.
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 0703089-4 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.

Adam Lesiak
Extractions Analyst

3/26/07
Date

CX
Reporter's Initials

03-24-07
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: 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

Oil & Grease, Gravimetric

Method SW9071B

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: EX070315-1MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070315-1
QCBatchID: EX070315-1-1
Run ID: EX070315-1A
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: *EX0703089-1*

OIL AND GREASE

Method SW9071B

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corporation
Client Project ID: SJC Well 3 4165-030
Work Order Number: 0703089
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
PP1G-030907-01	0703089-1	03/09/2007	03/15/2007	03/16/2007	79.61	1	1400	200		30.3 g
PP1G-030907-02	0703089-2	03/09/2007	03/15/2007	03/16/2007	81.18	1	1100	220		30 g
PP1G-030907-03	0703089-3	03/09/2007	03/15/2007	03/16/2007	82.26	1	1100	230		30.34 g
PP1G-030907-04	0703089-4	03/09/2007	03/15/2007	03/16/2007	59.07	1	870	99		30.8 g
PP1G-030907-05	0703089-5	03/09/2007	03/15/2007	03/16/2007	60.55	1	320	110		30.04 g
PP1G-030907-06	0703089-6	03/09/2007	03/15/2007	03/16/2007	46.79	1	420	77		30.39 g
PP1G-030907-07	0703089-7	03/09/2007	03/15/2007	03/16/2007	78.43	1	1700	190		30.24 g
PP1G-030907-08	0703089-8	03/09/2007	03/15/2007	03/16/2007	81.23	1	25000	220		30.55 g
PP1G-030907-09	0703089-9	03/09/2007	03/15/2007	03/16/2007	74.92	1	1300	160		30.88 g
PP1G-030907-10	0703089-10	03/09/2007	03/15/2007	03/16/2007	73.74	1	4400	160		30.34 g
PP1G-030907-11	0703089-11	03/09/2007	03/15/2007	03/16/2007	81.55	1	1700	220		30.48 g
PP1G-030907-12	0703089-12	03/09/2007	03/15/2007	03/16/2007	77.31	1	26000	180		30.09 g

Comments:

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

Data Package ID: *EX0703089-1*

Oil & Grease, Gravimetric

Method SW9071B

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: EX070315-1LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/15/2007
Date Analyzed: 03/16/2007
Prep Method: METHOD

Prep Batch: EX070315-1
QCBatchID: EX070315-1-1
Run ID: EX070315-1A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 50 g
Final Volume: 1 sample
Result Units: mg/kg
Clean DF: 1
File Name:

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
10-30-0	OIL AND GREASE	2010	2110	25		105	80 - 120%

Lab ID: EX070315-1LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/15/2007
Date Analyzed: 03/16/2007
Prep Method: METHOD

Prep Batch: EX070315-1
QCBatchID: EX070315-1-1
Run ID: EX070315-1A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 50 g
Final Volume: 1 sample
Result Units: mg/kg
Clean DF: 1
File Name:

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
10-30-0	OIL AND GREASE	2010	2140	25		107	20	2

Data Package ID: *EX0703089-1*

Oil & Grease, Gravimetric

Method SW9071B

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-030907-04
LabID: 0703089-4MS

Sample Matrix: SLUDGE
% Moisture: 59.1
Date Collected: 09-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070315-1
QCBatchID: EX070315-1-1
Run ID: EX070315-1A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.53 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	870		10400		100	8050	118	80 - 120%

Field ID: PP1G-030907-04
LabID: 0703089-4MSD

Sample Matrix: SLUDGE
% Moisture: 59.1
Date Collected: 09-Mar-07
Date Extracted: 15-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070315-1
QCBatchID: EX070315-1-1
Run ID: EX070315-1A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 30.51 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	9340		8050	105	100	20	11

Data Package ID: *EX0703089-1*

Paragon Analytics

GC/MS Volatiles Case Narrative

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

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 03/13/2007. 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 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) $\geq$0.99.

5. All initial calibrations are verified by comparing a second source standard calibration verification (ICV) against the calibration curve. All compounds in the second source

verification had a %D of less than 25%, with the exceptions of acrolein on 03/15/2007 and 03/20/2007. This was not a target compound 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 VL070321-4MMB 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 order number was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

   Sample 0703089-25 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 0703089-12 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.

10. The samples were analyzed within the established holding time.

11. All surrogate recoveries were within acceptance criteria.

12. All internal standard recoveries were within acceptance criteria.

13. Due to sample matrix and the concentration of target analytes and non-target analytes, samples 1 thru 12 were analyzed at a dilution. The reporting limits have been adjusted accordingly.

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

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

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

for S.W. 03/26/07

Steven White
GC/MS Analyst

Date

3/26/07

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: 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

GC/MS Volatiles

Method SW8260B

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: 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: VL070316-2-2
Run ID: VL070316-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44132

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: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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: *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: VL070316-2-2
Run ID: VL070316-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44132

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: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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: 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: VL070316-2-2
Run ID: VL070316-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44132

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	47.3		50	95	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	47.9		50	96	79 - 120
2037-26-5	TOLUENE-D8	52.1		50	104	83 - 120

Data Package ID: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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-030907-13
Lab ID: 0703089-13

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW5030 Rev C

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

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44133

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: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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-030907-13
Lab ID: 0703089-13

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW5030 Rev C

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

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44133

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: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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-030907-13
Lab ID: 0703089-13

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: SW5030 Rev C

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

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44133

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	50.3		50	101	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	48.2		50	96	79 - 120
2037-26-5	TOLUENE-D8	52.3		50	105	83 - 120

Data Package ID: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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: 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: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--Leachate

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: EX070314-3MB

LEACH DATE: 3/14/2007

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: B44135

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	0.245		0.25	98	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.246		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.255		0.25	102	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-14

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44151

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	0.0097	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.238		0.25	95	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.247		0.25	99	79 - 120
2037-26-5	TOLUENE-D8	0.248		0.25	99	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-15

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44152

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	0.249		0.25	100	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.245		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.262		0.25	105	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-16

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44153

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	0.233		0.25	93	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.246		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.246		0.25	98	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-17

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44154

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	0.01	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.241		0.25	97	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.243		0.25	97	79 - 120
2037-26-5	TOLUENE-D8	0.256		0.25	102	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-18

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44155

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	0.246		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.252		0.25	101	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-19

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44156

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	0.248		0.25	99	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.238		0.25	95	79 - 120
2037-26-5	TOLUENE-D8	0.256		0.25	102	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-20
LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-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: B44157

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	0.254		0.25	102	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.245		0.25	98	79 - 120
2037-26-5	TOLUENE-D8	0.256		0.25	102	83 - 120

Data Package ID: *VL0703089-2*

GC/MS Volatiles

Method SW8260B

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: VL070317-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44164

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	0.0452		0.05	90	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.0464		0.05	93	79 - 120
2037-26-5	TOLUENE-D8	0.0474		0.05	95	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-21

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44168

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	0.009	0.025	0.0083	J	
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.243		0.25	97	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.239		0.25	95	79 - 120
2037-26-5	TOLUENE-D8	0.258		0.25	103	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-22

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44169

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	0.243		0.25	97	79 - 120
2037-26-5	TOLUENE-D8	0.249		0.25	100	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-23

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44170

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	0.236		0.25	94	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.233		0.25	93	79 - 120
2037-26-5	TOLUENE-D8	0.249		0.25	100	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-24

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44171

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	0.246		0.25	99	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.248		0.25	99	79 - 120
2037-26-5	TOLUENE-D8	0.264		0.25	106	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--TCLP Leachate

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: 0703089-25

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44172

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	0.244		0.25	98	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.24		0.25	96	79 - 120
2037-26-5	TOLUENE-D8	0.253		0.25	101	83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18883

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: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18883

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: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18883

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	54.1		50	108	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	52.9		50	106	61 - 134
2037-26-5	TOLUENE-D8	57.1		50	114	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MMB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18884

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	870	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: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MMB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18884

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: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: VL070321-4MMB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18884

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	2680		2500	107	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2690		2500	108	61 - 134
2037-26-5	TOLUENE-D8	2970		2500	119	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18885

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1200	1200	410	U	
74-87-3	CHLOROMETHANE	50	1200	1200	410	U	
75-01-4	VINYL CHLORIDE	50	1200	1200	410	U	
74-83-9	BROMOMETHANE	50	1200	1200	410	U	
75-00-3	CHLOROETHANE	50	1200	1200	410	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1200	1200	410	U	
75-35-4	1,1-DICHLOROETHENE	50	1200	1200	410	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1200	1200	410	U	
67-64-1	ACETONE	50	6600	4900	1600	B	
74-88-4	IODOMETHANE	50	1200	1200	410	U	
75-15-0	CARBON DISULFIDE	50	1200	1200	410	U	
75-09-2	METHYLENE CHLORIDE	50	1200	1200	410	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1200	1200	410	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1200	1200	410	U	
75-34-3	1,1-DICHLOROETHANE	50	1200	1200	410	U	
108-05-4	VINYL ACETATE	50	4900	4900	820	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1200	1200	410	U	
78-93-3	2-BUTANONE	50	4900	4900	1600	U	
74-97-5	BROMOCHLOROMETHANE	50	1200	1200	410	U	
67-66-3	CHLOROFORM	50	1200	1200	410	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1200	1200	410	U	
594-20-7	2,2-DICHLOROPROPANE	50	1200	1200	410	U	
56-23-5	CARBON TETRACHLORIDE	50	1200	1200	410	U	
563-58-6	1,1-DICHLOROPROPENE	50	1200	1200	410	U	
107-06-2	1,2-DICHLOROETHANE	50	1200	1200	410	U	
71-43-2	BENZENE	50	420	1200	410	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18885

79-01-6	TRICHLOROETHENE	50	1200	1200	410	U	
78-87-5	1,2-DICHLOROPROPANE	50	1200	1200	410	U	
74-95-3	DIBROMOMETHANE	50	1200	1200	410	U	
75-27-4	BROMODICHLOROMETHANE	50	1200	1200	410	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1200	1200	410	U	
108-10-1	4-METHYL-2-PENTANONE	50	4900	4900	1600	U	
108-88-3	TOLUENE	50	1400	1200	410		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1200	1200	410	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1200	1200	410	U	
591-78-6	2-HEXANONE	50	4900	4900	1600	U	
127-18-4	TETRACHLOROETHENE	50	1200	1200	410	U	
142-28-9	1,3-DICHLOROPROPANE	50	1200	1200	410	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1200	1200	410	U	
106-93-4	1,2-DIBROMOETHANE	50	1200	1200	410	U	
544-10-5	1-CHLOROHEXANE	50	1200	1200	410	U	
108-90-7	CHLOROBENZENE	50	1200	1200	410	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1200	1200	410	U	
100-41-4	ETHYLBENZENE	50	680	1200	410	J	
136777-61-2	M+P-XYLENE	50	2900	1200	410		
95-47-6	O-XYLENE	50	1200	1200	410	J	
100-42-5	STYRENE	50	1200	1200	410	U	
75-25-2	BROMOFORM	50	1200	1200	410	U	
98-82-8	ISOPROPYLBENZENE	50	1200	1200	410	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1200	1200	410	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1200	1200	410	U	
108-86-1	BROMOBENZENE	50	1200	1200	410	U	
103-65-1	N-PROPYLBENZENE	50	680	1200	410	J	
95-49-8	2-CHLOROTOLUENE	50	1200	1200	410	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18885

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1600	1200	410		
106-43-4	4-CHLOROTOLUENE	50	1200	1200	410	U	
98-06-6	TERT-BUTYLBENZENE	50	1200	1200	410	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	6000	1200	410		
135-98-8	SEC-BUTYLBENZENE	50	680	1200	410	J	
541-73-1	1,3-DICHLOROBENZENE	50	1200	1200	410	U	
99-87-6	P-ISOPROPYLTOLUENE	50	630	1200	410	J	
106-46-7	1,4-DICHLOROBENZENE	50	1200	1200	410	U	
104-51-8	N-BUTYLBENZENE	50	1200	1200	410	J	
95-50-1	1,2-DICHLOROBENZENE	50	1200	1200	410	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2500	2500	820	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1200	1200	410	U	
87-68-3	HEXACHLOROBUTADIENE	50	1200	1200	410	U	
91-20-3	NAPHTHALENE	50	6000	1200	410		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1200	1200	410	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	13200		12300	108	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	13000		12300	106	61 - 134
2037-26-5	TOLUENE-D8	14100		12300	115	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18886

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1300	1300	440	U	
74-87-3	CHLOROMETHANE	50	1300	1300	440	U	
75-01-4	VINYL CHLORIDE	50	1300	1300	440	U	
74-83-9	BROMOMETHANE	50	1300	1300	440	U	
75-00-3	CHLOROETHANE	50	1300	1300	440	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1300	1300	440	U	
75-35-4	1,1-DICHLOROETHENE	50	1300	1300	440	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1300	1300	440	U	
67-64-1	ACETONE	50	8100	5300	1800	B	
74-88-4	IODOMETHANE	50	1300	1300	440	U	
75-15-0	CARBON DISULFIDE	50	1300	1300	440	U	
75-09-2	METHYLENE CHLORIDE	50	1300	1300	440	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1300	1300	440	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1300	1300	440	U	
75-34-3	1,1-DICHLOROETHANE	50	1300	1300	440	U	
108-05-4	VINYL ACETATE	50	5300	5300	880	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1300	1300	440	U	
78-93-3	2-BUTANONE	50	5300	5300	1800	U	
74-97-5	BROMOCHLOROMETHANE	50	1300	1300	440	U	
67-66-3	CHLOROFORM	50	1300	1300	440	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1300	1300	440	U	
594-20-7	2,2-DICHLOROPROPANE	50	1300	1300	440	U	
56-23-5	CARBON TETRACHLORIDE	50	1300	1300	440	U	
563-58-6	1,1-DICHLOROPROPENE	50	1300	1300	440	U	
107-06-2	1,2-DICHLOROETHANE	50	1300	1300	440	U	
71-43-2	BENZENE	50	1300	1300	440	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18886

79-01-6	TRICHLOROETHENE	50	1300	1300	440	U	
78-87-5	1,2-DICHLOROPROPANE	50	1300	1300	440	U	
74-95-3	DIBROMOMETHANE	50	1300	1300	440	U	
75-27-4	BROMODICHLOROMETHANE	50	1300	1300	440	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1300	1300	440	U	
108-10-1	4-METHYL-2-PENTANONE	50	5300	5300	1800	U	
108-88-3	TOLUENE	50	1100	1300	440	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1300	1300	440	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1300	1300	440	U	
591-78-6	2-HEXANONE	50	5300	5300	1800	U	
127-18-4	TETRACHLOROETHENE	50	1300	1300	440	U	
142-28-9	1,3-DICHLOROPROPANE	50	1300	1300	440	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1300	1300	440	U	
106-93-4	1,2-DIBROMOETHANE	50	1300	1300	440	U	
544-10-5	1-CHLOROHEXANE	50	1300	1300	440	U	
108-90-7	CHLOROBENZENE	50	1300	1300	440	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1300	1300	440	U	
100-41-4	ETHYLBENZENE	50	800	1300	440	J	
136777-61-2	M+P-XYLENE	50	3500	1300	440		
95-47-6	O-XYLENE	50	1500	1300	440		
100-42-5	STYRENE	50	1300	1300	440	U	
75-25-2	BROMOFORM	50	1300	1300	440	U	
98-82-8	ISOPROPYLBENZENE	50	1300	1300	440	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1300	1300	440	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1300	1300	440	U	
108-86-1	BROMOBENZENE	50	1300	1300	440	U	
103-65-1	N-PROPYLBENZENE	50	840	1300	440	J	
95-49-8	2-CHLOROTOLUENE	50	1300	1300	440	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18886

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2000	1300	440		
106-43-4	4-CHLOROTOLUENE	50	1300	1300	440	U	
98-06-6	TERT-BUTYLBENZENE	50	1300	1300	440	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	7000	1300	440		
135-98-8	SEC-BUTYLBENZENE	50	760	1300	440	J	
541-73-1	1,3-DICHLOROBENZENE	50	1300	1300	440	U	
99-87-6	P-ISOPROPYLTOLUENE	50	730	1300	440	J	
106-46-7	1,4-DICHLOROBENZENE	50	1300	1300	440	U	
104-51-8	N-BUTYLBENZENE	50	1300	1300	440	J	
95-50-1	1,2-DICHLOROBENZENE	50	1300	1300	440	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2700	2700	880	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1300	1300	440	U	
87-68-3	HEXACHLOROBUTADIENE	50	1300	1300	440	U	
91-20-3	NAPHTHALENE	50	6000	1300	440		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1300	1300	440	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	14400		13300	108	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	13900		13300	105	61 - 134
2037-26-5	TOLUENE-D8	14800		13300	112	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18887

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1400	1400	470	U	
74-87-3	CHLOROMETHANE	50	1400	1400	470	U	
75-01-4	VINYL CHLORIDE	50	1400	1400	470	U	
74-83-9	BROMOMETHANE	50	1400	1400	470	U	
75-00-3	CHLOROETHANE	50	1400	1400	470	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1400	1400	470	U	
75-35-4	1,1-DICHLOROETHENE	50	1400	1400	470	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1400	1400	470	U	
67-64-1	ACETONE	50	8700	5600	1900	B	
74-88-4	IODOMETHANE	50	1400	1400	470	U	
75-15-0	CARBON DISULFIDE	50	1400	1400	470	U	
75-09-2	METHYLENE CHLORIDE	50	1400	1400	470	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1400	1400	470	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1400	1400	470	U	
75-34-3	1,1-DICHLOROETHANE	50	1400	1400	470	U	
108-05-4	VINYL ACETATE	50	5600	5600	940	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1400	1400	470	U	
78-93-3	2-BUTANONE	50	5600	5600	1900	U	
74-97-5	BROMOCHLOROMETHANE	50	1400	1400	470	U	
67-66-3	CHLOROFORM	50	1400	1400	470	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1400	1400	470	U	
594-20-7	2,2-DICHLOROPROPANE	50	1400	1400	470	U	
56-23-5	CARBON TETRACHLORIDE	50	1400	1400	470	U	
563-58-6	1,1-DICHLOROPROPENE	50	1400	1400	470	U	
107-06-2	1,2-DICHLOROETHANE	50	1400	1400	470	U	
71-43-2	BENZENE	50	1400	1400	470	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18887

79-01-6	TRICHLOROETHENE	50	1400	1400	470	U	
78-87-5	1,2-DICHLOROPROPANE	50	1400	1400	470	U	
74-95-3	DIBROMOMETHANE	50	1400	1400	470	U	
75-27-4	BROMODICHLOROMETHANE	50	1400	1400	470	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1400	1400	470	U	
108-10-1	4-METHYL-2-PENTANONE	50	5600	5600	1900	U	
108-88-3	TOLUENE	50	1300	1400	470	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1400	1400	470	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1400	1400	470	U	
591-78-6	2-HEXANONE	50	5600	5600	1900	U	
127-18-4	TETRACHLOROETHENE	50	1400	1400	470	U	
142-28-9	1,3-DICHLOROPROPANE	50	1400	1400	470	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1400	1400	470	U	
106-93-4	1,2-DIBROMOETHANE	50	1400	1400	470	U	
544-10-5	1-CHLOROHEXANE	50	1400	1400	470	U	
108-90-7	CHLOROBENZENE	50	1400	1400	470	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1400	1400	470	U	
100-41-4	ETHYLBENZENE	50	990	1400	470	J	
136777-61-2	M+P-XYLENE	50	4100	1400	470		
95-47-6	O-XYLENE	50	2000	1400	470		
100-42-5	STYRENE	50	1400	1400	470	U	
75-25-2	BROMOFORM	50	1400	1400	470	U	
98-82-8	ISOPROPYLBENZENE	50	580	1400	470	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1400	1400	470	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1400	1400	470	U	
108-86-1	BROMOBENZENE	50	1400	1400	470	U	
103-65-1	N-PROPYLBENZENE	50	970	1400	470	J	
95-49-8	2-CHLOROTOLUENE	50	1400	1400	470	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18887

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2300	1400	470		
106-43-4	4-CHLOROTOLUENE	50	1400	1400	470	U	
98-06-6	TERT-BUTYLBENZENE	50	1400	1400	470	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	7900	1400	470		
135-98-8	SEC-BUTYLBENZENE	50	940	1400	470	J	
541-73-1	1,3-DICHLOROBENZENE	50	1400	1400	470	U	
99-87-6	P-ISOPROPYLTOLUENE	50	840	1400	470	J	
106-46-7	1,4-DICHLOROBENZENE	50	1400	1400	470	U	
104-51-8	N-BUTYLBENZENE	50	1500	1400	470		
95-50-1	1,2-DICHLOROBENZENE	50	1400	1400	470	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2800	2800	940	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1400	1400	470	U	
87-68-3	HEXACHLOROBUTADIENE	50	1400	1400	470	U	
91-20-3	NAPHTHALENE	50	6300	1400	470		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1400	1400	470	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	14900		14100	106	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	15000		14100	106	61 - 134
2037-26-5	TOLUENE-D8	15800		14100	112	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18888

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	610	610	200	U	
74-87-3	CHLOROMETHANE	50	610	610	200	U	
75-01-4	VINYL CHLORIDE	50	610	610	200	U	
74-83-9	BROMOMETHANE	50	610	610	200	U	
75-00-3	CHLOROETHANE	50	610	610	200	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	610	610	200	U	
75-35-4	1,1-DICHLOROETHENE	50	610	610	200	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	610	610	200	U	
67-64-1	ACETONE	50	5400	2400	810	B	
74-88-4	IODOMETHANE	50	610	610	200	U	
75-15-0	CARBON DISULFIDE	50	610	610	200	U	
75-09-2	METHYLENE CHLORIDE	50	610	610	200	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	610	610	200	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	610	610	200	U	
75-34-3	1,1-DICHLOROETHANE	50	610	610	200	U	
108-05-4	VINYL ACETATE	50	2400	2400	410	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	610	610	200	U	
78-93-3	2-BUTANONE	50	2400	2400	810	U	
74-97-5	BROMOCHLOROMETHANE	50	610	610	200	U	
67-66-3	CHLOROFORM	50	610	610	200	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	610	610	200	U	
594-20-7	2,2-DICHLOROPROPANE	50	610	610	200	U	
56-23-5	CARBON TETRACHLORIDE	50	610	610	200	U	
563-58-6	1,1-DICHLOROPROPENE	50	610	610	200	U	
107-06-2	1,2-DICHLOROETHANE	50	610	610	200	U	
71-43-2	BENZENE	50	340	610	200	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18888

79-01-6	TRICHLOROETHENE	50	610	610	200	U	
78-87-5	1,2-DICHLOROPROPANE	50	610	610	200	U	
74-95-3	DIBROMOMETHANE	50	610	610	200	U	
75-27-4	BROMODICHLOROMETHANE	50	610	610	200	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	610	610	200	U	
108-10-1	4-METHYL-2-PENTANONE	50	2400	2400	810	U	
108-88-3	TOLUENE	50	1600	610	200		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	610	610	200	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	610	610	200	U	
591-78-6	2-HEXANONE	50	2400	2400	810	U	
127-18-4	TETRACHLOROETHENE	50	610	610	200	U	
142-28-9	1,3-DICHLOROPROPANE	50	610	610	200	U	
124-48-1	DIBROMOCHLOROMETHANE	50	610	610	200	U	
106-93-4	1,2-DIBROMOETHANE	50	610	610	200	U	
544-10-5	1-CHLOROHEXANE	50	610	610	200	U	
108-90-7	CHLOROBENZENE	50	610	610	200	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	610	610	200	U	
100-41-4	ETHYLBENZENE	50	900	610	200		
136777-61-2	M+P-XYLENE	50	3600	610	200		
95-47-6	O-XYLENE	50	1500	610	200		
100-42-5	STYRENE	50	610	610	200	U	
75-25-2	BROMOFORM	50	610	610	200	U	
98-82-8	ISOPROPYLBENZENE	50	390	610	200	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	610	610	200	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	610	610	200	U	
108-86-1	BROMOBENZENE	50	610	610	200	U	
103-65-1	N-PROPYLBENZENE	50	710	610	200		
95-49-8	2-CHLOROTOLUENE	50	610	610	200	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18888

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1500	610	200		
106-43-4	4-CHLOROTOLUENE	50	610	610	200	U	
98-06-6	TERT-BUTYLBENZENE	50	1100	610	200		
95-63-6	1,2,4-TRIMETHYLBENZENE	50	5700	610	200		
135-98-8	SEC-BUTYLBENZENE	50	590	610	200	J	
541-73-1	1,3-DICHLOROBENZENE	50	610	610	200	U	
99-87-6	P-ISOPROPYLTOLUENE	50	580	610	200	J	
106-46-7	1,4-DICHLOROBENZENE	50	610	610	200	U	
104-51-8	N-BUTYLBENZENE	50	1000	610	200		
95-50-1	1,2-DICHLOROBENZENE	50	610	610	200	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1200	1200	410	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	610	610	200	U	
87-68-3	HEXACHLOROBUTADIENE	50	610	610	200	U	
91-20-3	NAPHTHALENE	50	3900	610	200		
87-61-6	1,2,3-TRICHLOROBENZENE	50	610	610	200	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	6450		6110	106	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	6610		6110	108	61 - 134
2037-26-5	TOLUENE-D8	6770		6110	111	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18889

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	630	630	210	U	
74-87-3	CHLOROMETHANE	50	630	630	210	U	
75-01-4	VINYL CHLORIDE	50	630	630	210	U	
74-83-9	BROMOMETHANE	50	630	630	210	U	
75-00-3	CHLOROETHANE	50	630	630	210	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	630	630	210	U	
75-35-4	1,1-DICHLOROETHENE	50	630	630	210	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	630	630	210	U	
67-64-1	ACETONE	50	3300	2500	840	B	
74-88-4	IODOMETHANE	50	630	630	210	U	
75-15-0	CARBON DISULFIDE	50	630	630	210	U	
75-09-2	METHYLENE CHLORIDE	50	630	630	210	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	630	630	210	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	630	630	210	U	
75-34-3	1,1-DICHLOROETHANE	50	630	630	210	U	
108-05-4	VINYL ACETATE	50	2500	2500	420	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	630	630	210	U	
78-93-3	2-BUTANONE	50	2500	2500	840	U	
74-97-5	BROMOCHLOROMETHANE	50	630	630	210	U	
67-66-3	CHLOROFORM	50	630	630	210	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	630	630	210	U	
594-20-7	2,2-DICHLOROPROPANE	50	630	630	210	U	
56-23-5	CARBON TETRACHLORIDE	50	630	630	210	U	
563-58-6	1,1-DICHLOROPROPENE	50	630	630	210	U	
107-06-2	1,2-DICHLOROETHANE	50	630	630	210	U	
71-43-2	BENZENE	50	220	630	210	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18889

79-01-6	TRICHLOROETHENE	50	630	630	210	U	
78-87-5	1,2-DICHLOROPROPANE	50	630	630	210	U	
74-95-3	DIBROMOMETHANE	50	630	630	210	U	
75-27-4	BROMODICHLOROMETHANE	50	630	630	210	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	630	630	210	U	
108-10-1	4-METHYL-2-PENTANONE	50	2500	2500	840	U	
108-88-3	TOLUENE	50	830	630	210		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	630	630	210	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	630	630	210	U	
591-78-6	2-HEXANONE	50	2500	2500	840	U	
127-18-4	TETRACHLOROETHENE	50	630	630	210	U	
142-28-9	1,3-DICHLOROPROPANE	50	630	630	210	U	
124-48-1	DIBROMOCHLOROMETHANE	50	630	630	210	U	
106-93-4	1,2-DIBROMOETHANE	50	630	630	210	U	
544-10-5	1-CHLOROHEXANE	50	630	630	210	U	
108-90-7	CHLOROBENZENE	50	630	630	210	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	630	630	210	U	
100-41-4	ETHYLBENZENE	50	440	630	210	J	
136777-61-2	M+P-XYLENE	50	1800	630	210		
95-47-6	O-XYLENE	50	800	630	210		
100-42-5	STYRENE	50	630	630	210	U	
75-25-2	BROMOFORM	50	630	630	210	U	
98-82-8	ISOPROPYLBENZENE	50	280	630	210	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	630	630	210	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	630	630	210	U	
108-86-1	BROMOBENZENE	50	630	630	210	U	
103-65-1	N-PROPYLBENZENE	50	390	630	210	J	
95-49-8	2-CHLOROTOLUENE	50	630	630	210	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18889

108-67-8	1,3,5-TRIMETHYLBENZENE	50	750	630	210		
106-43-4	4-CHLOROTOLUENE	50	630	630	210	U	
98-06-6	TERT-BUTYLBENZENE	50	630	630	210	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	2600	630	210		
135-98-8	SEC-BUTYLBENZENE	50	320	630	210	J	
541-73-1	1,3-DICHLOROBENZENE	50	630	630	210	U	
99-87-6	P-ISOPROPYLTOLUENE	50	300	630	210	J	
106-46-7	1,4-DICHLOROBENZENE	50	630	630	210	U	
104-51-8	N-BUTYLBENZENE	50	490	630	210	J	
95-50-1	1,2-DICHLOROBENZENE	50	630	630	210	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1300	1300	420	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	630	630	210	U	
87-68-3	HEXACHLOROBUTADIENE	50	630	630	210	U	
91-20-3	NAPHTHALENE	50	2000	630	210		
87-61-6	1,2,3-TRICHLOROBENZENE	50	630	630	210	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	6310		6340	100	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	6620		6340	104	61 - 134
2037-26-5	TOLUENE-D8	7010		6340	111	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18890

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	470	470	160	U	
74-87-3	CHLOROMETHANE	50	470	470	160	U	
75-01-4	VINYL CHLORIDE	50	470	470	160	U	
74-83-9	BROMOMETHANE	50	470	470	160	U	
75-00-3	CHLOROETHANE	50	470	470	160	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	470	470	160	U	
75-35-4	1,1-DICHLOROETHENE	50	470	470	160	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	470	470	160	U	
67-64-1	ACETONE	50	2300	1900	630	B	
74-88-4	IODOMETHANE	50	470	470	160	U	
75-15-0	CARBON DISULFIDE	50	470	470	160	U	
75-09-2	METHYLENE CHLORIDE	50	470	470	160	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	470	470	160	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	470	470	160	U	
75-34-3	1,1-DICHLOROETHANE	50	470	470	160	U	
108-05-4	VINYL ACETATE	50	1900	1900	310	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	470	470	160	U	
78-93-3	2-BUTANONE	50	1900	1900	630	U	
74-97-5	BROMOCHLOROMETHANE	50	470	470	160	U	
67-66-3	CHLOROFORM	50	470	470	160	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	470	470	160	U	
594-20-7	2,2-DICHLOROPROPANE	50	470	470	160	U	
56-23-5	CARBON TETRACHLORIDE	50	470	470	160	U	
563-58-6	1,1-DICHLOROPROPENE	50	470	470	160	U	
107-06-2	1,2-DICHLOROETHANE	50	470	470	160	U	
71-43-2	BENZENE	50	340	470	160	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18890

79-01-6	TRICHLOROETHENE	50	470	470	160	U	
78-87-5	1,2-DICHLOROPROPANE	50	470	470	160	U	
74-95-3	DIBROMOMETHANE	50	470	470	160	U	
75-27-4	BROMODICHLOROMETHANE	50	470	470	160	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	470	470	160	U	
108-10-1	4-METHYL-2-PENTANONE	50	1900	1900	630	U	
108-88-3	TOLUENE	50	950	470	160		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	470	470	160	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	470	470	160	U	
591-78-6	2-HEXANONE	50	1900	1900	630	U	
127-18-4	TETRACHLOROETHENE	50	470	470	160	U	
142-28-9	1,3-DICHLOROPROPANE	50	470	470	160	U	
124-48-1	DIBROMOCHLOROMETHANE	50	470	470	160	U	
106-93-4	1,2-DIBROMOETHANE	50	470	470	160	U	
544-10-5	1-CHLOROHEXANE	50	470	470	160	U	
108-90-7	CHLOROBENZENE	50	470	470	160	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	470	470	160	U	
100-41-4	ETHYLBENZENE	50	320	470	160	J	
136777-61-2	M+P-XYLENE	50	1100	470	160		
95-47-6	O-XYLENE	50	680	470	160		
100-42-5	STYRENE	50	470	470	160	U	
75-25-2	BROMOFORM	50	470	470	160	U	
98-82-8	ISOPROPYLBENZENE	50	470	470	160	U	
96-18-4	1,2,3-TRICHLOROPROPANE	50	470	470	160	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	470	470	160	U	
108-86-1	BROMOBENZENE	50	470	470	160	U	
103-65-1	N-PROPYLBENZENE	50	220	470	160	J	
95-49-8	2-CHLOROTOLUENE	50	470	470	160	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18890

108-67-8	1,3,5-TRIMETHYLBENZENE	50	410	470	160	J	
106-43-4	4-CHLOROTOLUENE	50	470	470	160	U	
98-06-6	TERT-BUTYLBENZENE	50	470	470	160	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	1400	470	160		
135-98-8	SEC-BUTYLBENZENE	50	170	470	160	J	
541-73-1	1,3-DICHLOROBENZENE	50	470	470	160	U	
99-87-6	P-ISOPROPYLTOLUENE	50	180	470	160	J	
106-46-7	1,4-DICHLOROBENZENE	50	470	470	160	U	
104-51-8	N-BUTYLBENZENE	50	280	470	160	J	
95-50-1	1,2-DICHLOROBENZENE	50	470	470	160	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	940	940	310	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	470	470	160	U	
87-68-3	HEXACHLOROBUTADIENE	50	470	470	160	U	
91-20-3	NAPHTHALENE	50	1500	470	160		
87-61-6	1,2,3-TRICHLOROBENZENE	50	470	470	160	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4880		4700	104	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	5000		4700	107	61 - 134
2037-26-5	TOLUENE-D8	5420		4700	115	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18891

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1200	1200	380	U	
74-87-3	CHLOROMETHANE	50	1200	1200	380	U	
75-01-4	VINYL CHLORIDE	50	1200	1200	380	U	
74-83-9	BROMOMETHANE	50	1200	1200	380	U	
75-00-3	CHLOROETHANE	50	1200	1200	380	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1200	1200	380	U	
75-35-4	1,1-DICHLOROETHENE	50	1200	1200	380	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1200	1200	380	U	
67-64-1	ACETONE	50	8300	4600	1500	B	
74-88-4	IODOMETHANE	50	1200	1200	380	U	
75-15-0	CARBON DISULFIDE	50	1200	1200	380	U	
75-09-2	METHYLENE CHLORIDE	50	1200	1200	380	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1200	1200	380	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1200	1200	380	U	
75-34-3	1,1-DICHLOROETHANE	50	1200	1200	380	U	
108-05-4	VINYL ACETATE	50	4600	4600	770	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1200	1200	380	U	
78-93-3	2-BUTANONE	50	4600	4600	1500	U	
74-97-5	BROMOCHLOROMETHANE	50	1200	1200	380	U	
67-66-3	CHLOROFORM	50	1200	1200	380	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1200	1200	380	U	
594-20-7	2,2-DICHLOROPROPANE	50	1200	1200	380	U	
56-23-5	CARBON TETRACHLORIDE	50	1200	1200	380	U	
563-58-6	1,1-DICHLOROPROPENE	50	1200	1200	380	U	
107-06-2	1,2-DICHLOROETHANE	50	1200	1200	380	U	
71-43-2	BENZENE	50	1200	1200	380	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18891

79-01-6	TRICHLOROETHENE	50	1200	1200	380	U	
78-87-5	1,2-DICHLOROPROPANE	50	1200	1200	380	U	
74-95-3	DIBROMOMETHANE	50	1200	1200	380	U	
75-27-4	BROMODICHLOROMETHANE	50	1200	1200	380	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1200	1200	380	U	
108-10-1	4-METHYL-2-PENTANONE	50	4600	4600	1500	U	
108-88-3	TOLUENE	50	1500	1200	380		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1200	1200	380	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1200	1200	380	U	
591-78-6	2-HEXANONE	50	4600	4600	1500	U	
127-18-4	TETRACHLOROETHENE	50	1200	1200	380	U	
142-28-9	1,3-DICHLOROPROPANE	50	1200	1200	380	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1200	1200	380	U	
106-93-4	1,2-DIBROMOETHANE	50	1200	1200	380	U	
544-10-5	1-CHLOROHEXANE	50	1200	1200	380	U	
108-90-7	CHLOROBENZENE	50	1200	1200	380	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1200	1200	380	U	
100-41-4	ETHYLBENZENE	50	1100	1200	380	J	
136777-61-2	M+P-XYLENE	50	3900	1200	380		
95-47-6	O-XYLENE	50	2100	1200	380		
100-42-5	STYRENE	50	1200	1200	380	U	
75-25-2	BROMOFORM	50	1200	1200	380	U	
98-82-8	ISOPROPYLBENZENE	50	550	1200	380	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1200	1200	380	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1200	1200	380	U	
108-86-1	BROMOBENZENE	50	1200	1200	380	U	
103-65-1	N-PROPYLBENZENE	50	920	1200	380	J	
95-49-8	2-CHLOROTOLUENE	50	1200	1200	380	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18891

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2000	1200	380		
106-43-4	4-CHLOROTOLUENE	50	1200	1200	380	U	
98-06-6	TERT-BUTYLBENZENE	50	1200	1200	380	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	7000	1200	380		
135-98-8	SEC-BUTYLBENZENE	50	840	1200	380	J	
541-73-1	1,3-DICHLOROBENZENE	50	1200	1200	380	U	
99-87-6	P-ISOPROPYLTOLUENE	50	770	1200	380	J	
106-46-7	1,4-DICHLOROBENZENE	50	1200	1200	380	U	
104-51-8	N-BUTYLBENZENE	50	1300	1200	380		
95-50-1	1,2-DICHLOROBENZENE	50	1200	1200	380	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2300	2300	770	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1200	1200	380	U	
87-68-3	HEXACHLOROBUTADIENE	50	1200	1200	380	U	
91-20-3	NAPHTHALENE	50	5400	1200	380		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1200	1200	380	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	12000		11600	104	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	12400		11600	107	61 - 134
2037-26-5	TOLUENE-D8	13200		11600	113	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18892

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1300	1300	440	U	
74-87-3	CHLOROMETHANE	50	1300	1300	440	U	
75-01-4	VINYL CHLORIDE	50	1300	1300	440	U	
74-83-9	BROMOMETHANE	50	1300	1300	440	U	
75-00-3	CHLOROETHANE	50	1300	1300	440	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1300	1300	440	U	
75-35-4	1,1-DICHLOROETHENE	50	1300	1300	440	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1300	1300	440	U	
67-64-1	ACETONE	50	19000	5300	1800	B	
74-88-4	IODOMETHANE	50	1300	1300	440	U	
75-15-0	CARBON DISULFIDE	50	1300	1300	440	U	
75-09-2	METHYLENE CHLORIDE	50	1300	1300	440	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1300	1300	440	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1300	1300	440	U	
75-34-3	1,1-DICHLOROETHANE	50	1300	1300	440	U	
108-05-4	VINYL ACETATE	50	5300	5300	890	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1300	1300	440	U	
78-93-3	2-BUTANONE	50	5300	5300	1800	U	
74-97-5	BROMOCHLOROMETHANE	50	1300	1300	440	U	
67-66-3	CHLOROFORM	50	1300	1300	440	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1300	1300	440	U	
594-20-7	2,2-DICHLOROPROPANE	50	1300	1300	440	U	
56-23-5	CARBON TETRACHLORIDE	50	1300	1300	440	U	
563-58-6	1,1-DICHLOROPROPENE	50	1300	1300	440	U	
107-06-2	1,2-DICHLOROETHANE	50	1300	1300	440	U	
71-43-2	BENZENE	50	540	1300	440	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18892

79-01-6	TRICHLOROETHENE	50	1300	1300	440	U	
78-87-5	1,2-DICHLOROPROPANE	50	1300	1300	440	U	
74-95-3	DIBROMOMETHANE	50	1300	1300	440	U	
75-27-4	BROMODICHLOROMETHANE	50	1300	1300	440	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1300	1300	440	U	
108-10-1	4-METHYL-2-PENTANONE	50	5300	5300	1800	U	
108-88-3	TOLUENE	50	2300	1300	440		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1300	1300	440	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1300	1300	440	U	
591-78-6	2-HEXANONE	50	5300	5300	1800	U	
127-18-4	TETRACHLOROETHENE	50	1300	1300	440	U	
142-28-9	1,3-DICHLOROPROPANE	50	1300	1300	440	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1300	1300	440	U	
106-93-4	1,2-DIBROMOETHANE	50	1300	1300	440	U	
544-10-5	1-CHLOROHEXANE	50	1300	1300	440	U	
108-90-7	CHLOROBENZENE	50	1300	1300	440	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1300	1300	440	U	
100-41-4	ETHYLBENZENE	50	1600	1300	440		
136777-61-2	M+P-XYLENE	50	5600	1300	440		
95-47-6	O-XYLENE	50	2300	1300	440		
100-42-5	STYRENE	50	1300	1300	440	U	
75-25-2	BROMOFORM	50	1300	1300	440	U	
98-82-8	ISOPROPYLBENZENE	50	680	1300	440	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1300	1300	440	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1300	1300	440	U	
108-86-1	BROMOBENZENE	50	1300	1300	440	U	
103-65-1	N-PROPYLBENZENE	50	1100	1300	440	J	
95-49-8	2-CHLOROTOLUENE	50	1300	1300	440	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18892

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2400	1300	440		
106-43-4	4-CHLOROTOLUENE	50	1300	1300	440	U	
98-06-6	TERT-BUTYLBENZENE	50	1300	1300	440	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	8900	1300	440		
135-98-8	SEC-BUTYLBENZENE	50	890	1300	440	J	
541-73-1	1,3-DICHLOROBENZENE	50	1300	1300	440	U	
99-87-6	P-ISOPROPYLTOLUENE	50	890	1300	440	J	
106-46-7	1,4-DICHLOROBENZENE	50	1300	1300	440	U	
104-51-8	N-BUTYLBENZENE	50	1400	1300	440		
95-50-1	1,2-DICHLOROBENZENE	50	1300	1300	440	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2700	2700	890	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1300	1300	440	U	
87-68-3	HEXACHLOROBUTADIENE	50	1300	1300	440	U	
91-20-3	NAPHTHALENE	50	5100	1300	440		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1300	1300	440	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	13600		13300	102	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	14300		13300	108	61 - 134
2037-26-5	TOLUENE-D8	15100		13300	113	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18893

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1000	1000	330	U	
74-87-3	CHLOROMETHANE	50	1000	1000	330	U	
75-01-4	VINYL CHLORIDE	50	1000	1000	330	U	
74-83-9	BROMOMETHANE	50	1000	1000	330	U	
75-00-3	CHLOROETHANE	50	1000	1000	330	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1000	1000	330	U	
75-35-4	1,1-DICHLOROETHENE	50	1000	1000	330	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1000	1000	330	U	
67-64-1	ACETONE	50	14000	4000	1300	B	
74-88-4	IODOMETHANE	50	1000	1000	330	U	
75-15-0	CARBON DISULFIDE	50	1000	1000	330	U	
75-09-2	METHYLENE CHLORIDE	50	1000	1000	330	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1000	1000	330	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1000	1000	330	U	
75-34-3	1,1-DICHLOROETHANE	50	1000	1000	330	U	
108-05-4	VINYL ACETATE	50	4000	4000	660	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1000	1000	330	U	
78-93-3	2-BUTANONE	50	4000	4000	1300	U	
74-97-5	BROMOCHLOROMETHANE	50	1000	1000	330	U	
67-66-3	CHLOROFORM	50	1000	1000	330	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1000	1000	330	U	
594-20-7	2,2-DICHLOROPROPANE	50	1000	1000	330	U	
56-23-5	CARBON TETRACHLORIDE	50	1000	1000	330	U	
563-58-6	1,1-DICHLOROPROPENE	50	1000	1000	330	U	
107-06-2	1,2-DICHLOROETHANE	50	1000	1000	330	U	
71-43-2	BENZENE	50	590	1000	330	J	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18893

79-01-6	TRICHLOROETHENE	50	1000	1000	330	U	
78-87-5	1,2-DICHLOROPROPANE	50	1000	1000	330	U	
74-95-3	DIBROMOMETHANE	50	1000	1000	330	U	
75-27-4	BROMODICHLOROMETHANE	50	1000	1000	330	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1000	1000	330	U	
108-10-1	4-METHYL-2-PENTANONE	50	4000	4000	1300	U	
108-88-3	TOLUENE	50	2500	1000	330		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1000	1000	330	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1000	1000	330	U	
591-78-6	2-HEXANONE	50	4000	4000	1300	U	
127-18-4	TETRACHLOROETHENE	50	1000	1000	330	U	
142-28-9	1,3-DICHLOROPROPANE	50	1000	1000	330	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1000	1000	330	U	
106-93-4	1,2-DIBROMOETHANE	50	1000	1000	330	U	
544-10-5	1-CHLOROHEXANE	50	1000	1000	330	U	
108-90-7	CHLOROBENZENE	50	1000	1000	330	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1000	1000	330	U	
100-41-4	ETHYLBENZENE	50	1600	1000	330		
136777-61-2	M+P-XYLENE	50	5600	1000	330		
95-47-6	O-XYLENE	50	2600	1000	330		
100-42-5	STYRENE	50	1000	1000	330	U	
75-25-2	BROMOFORM	50	1000	1000	330	U	
98-82-8	ISOPROPYLBENZENE	50	640	1000	330	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1000	1000	330	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1000	1000	330	U	
108-86-1	BROMOBENZENE	50	1000	1000	330	U	
103-65-1	N-PROPYLBENZENE	50	1100	1000	330		
95-49-8	2-CHLOROTOLUENE	50	1000	1000	330	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18893

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2400	1000	330		
106-43-4	4-CHLOROTOLUENE	50	1000	1000	330	U	
98-06-6	TERT-BUTYLBENZENE	50	1000	1000	330	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	8700	1000	330		
135-98-8	SEC-BUTYLBENZENE	50	850	1000	330	J	
541-73-1	1,3-DICHLOROBENZENE	50	1000	1000	330	U	
99-87-6	P-ISOPROPYLTOLUENE	50	910	1000	330	J	
106-46-7	1,4-DICHLOROBENZENE	50	1000	1000	330	U	
104-51-8	N-BUTYLBENZENE	50	1300	1000	330		
95-50-1	1,2-DICHLOROBENZENE	50	1000	1000	330	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2000	2000	660	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1000	1000	330	U	
87-68-3	HEXACHLOROBUTADIENE	50	1000	1000	330	U	
91-20-3	NAPHTHALENE	50	4500	1000	330		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1000	1000	330	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	10200		9970	103	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	10600		9970	106	61 - 134
2037-26-5	TOLUENE-D8	11300		9970	113	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18894

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	950	950	320	U	
74-87-3	CHLOROMETHANE	50	950	950	320	U	
75-01-4	VINYL CHLORIDE	50	950	950	320	U	
74-83-9	BROMOMETHANE	50	950	950	320	U	
75-00-3	CHLOROETHANE	50	950	950	320	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	950	950	320	U	
75-35-4	1,1-DICHLOROETHENE	50	950	950	320	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	950	950	320	U	
67-64-1	ACETONE	50	4400	3800	1300	B	
74-88-4	IODOMETHANE	50	950	950	320	U	
75-15-0	CARBON DISULFIDE	50	950	950	320	U	
75-09-2	METHYLENE CHLORIDE	50	950	950	320	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	950	950	320	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	950	950	320	U	
75-34-3	1,1-DICHLOROETHANE	50	950	950	320	U	
108-05-4	VINYL ACETATE	50	3800	3800	630	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	950	950	320	U	
78-93-3	2-BUTANONE	50	3800	3800	1300	U	
74-97-5	BROMOCHLOROMETHANE	50	950	950	320	U	
67-66-3	CHLOROFORM	50	950	950	320	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	950	950	320	U	
594-20-7	2,2-DICHLOROPROPANE	50	950	950	320	U	
56-23-5	CARBON TETRACHLORIDE	50	950	950	320	U	
563-58-6	1,1-DICHLOROPROPENE	50	950	950	320	U	
107-06-2	1,2-DICHLOROETHANE	50	950	950	320	U	
71-43-2	BENZENE	50	950	950	320	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18894

79-01-6	TRICHLOROETHENE	50	950	950	320	U	
78-87-5	1,2-DICHLOROPROPANE	50	950	950	320	U	
74-95-3	DIBROMOMETHANE	50	950	950	320	U	
75-27-4	BROMODICHLOROMETHANE	50	950	950	320	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	950	950	320	U	
108-10-1	4-METHYL-2-PENTANONE	50	3800	3800	1300	U	
108-88-3	TOLUENE	50	1800	950	320		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	950	950	320	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	950	950	320	U	
591-78-6	2-HEXANONE	50	3800	3800	1300	U	
127-18-4	TETRACHLOROETHENE	50	950	950	320	U	
142-28-9	1,3-DICHLOROPROPANE	50	950	950	320	U	
124-48-1	DIBROMOCHLOROMETHANE	50	950	950	320	U	
106-93-4	1,2-DIBROMOETHANE	50	950	950	320	U	
544-10-5	1-CHLOROHEXANE	50	950	950	320	U	
108-90-7	CHLOROBENZENE	50	950	950	320	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	950	950	320	U	
100-41-4	ETHYLBENZENE	50	1800	950	320		
136777-61-2	M+P-XYLENE	50	6100	950	320		
95-47-6	O-XYLENE	50	2800	950	320		
100-42-5	STYRENE	50	950	950	320	U	
75-25-2	BROMOFORM	50	950	950	320	U	
98-82-8	ISOPROPYLBENZENE	50	730	950	320	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	950	950	320	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	950	950	320	U	
108-86-1	BROMOBENZENE	50	950	950	320	U	
103-65-1	N-PROPYLBENZENE	50	1400	950	320		
95-49-8	2-CHLOROTOLUENE	50	950	950	320	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18894

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2800	950	320		
106-43-4	4-CHLOROTOLUENE	50	950	950	320	U	
98-06-6	TERT-BUTYLBENZENE	50	950	950	320	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	11000	950	320		
135-98-8	SEC-BUTYLBENZENE	50	1000	950	320		
541-73-1	1,3-DICHLOROBENZENE	50	950	950	320	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1100	950	320		
106-46-7	1,4-DICHLOROBENZENE	50	950	950	320	U	
104-51-8	N-BUTYLBENZENE	50	1600	950	320		
95-50-1	1,2-DICHLOROBENZENE	50	950	950	320	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1900	1900	630	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	950	950	320	U	
87-68-3	HEXACHLOROBUTADIENE	50	950	950	320	U	
91-20-3	NAPHTHALENE	50	6500	950	320		
87-61-6	1,2,3-TRICHLOROBENZENE	50	950	950	320	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	9870		9520	104	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	10200		9520	107	61 - 134
2037-26-5	TOLUENE-D8	11200		9520	118	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18895

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1400	1400	450	U	
74-87-3	CHLOROMETHANE	50	1400	1400	450	U	
75-01-4	VINYL CHLORIDE	50	1400	1400	450	U	
74-83-9	BROMOMETHANE	50	1400	1400	450	U	
75-00-3	CHLOROETHANE	50	1400	1400	450	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1400	1400	450	U	
75-35-4	1,1-DICHLOROETHENE	50	1400	1400	450	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1400	1400	450	U	
67-64-1	ACETONE	50	7200	5400	1800	B	
74-88-4	IODOMETHANE	50	1400	1400	450	U	
75-15-0	CARBON DISULFIDE	50	1400	1400	450	U	
75-09-2	METHYLENE CHLORIDE	50	1400	1400	450	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1400	1400	450	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1400	1400	450	U	
75-34-3	1,1-DICHLOROETHANE	50	1400	1400	450	U	
108-05-4	VINYL ACETATE	50	5400	5400	900	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1400	1400	450	U	
78-93-3	2-BUTANONE	50	5400	5400	1800	U	
74-97-5	BROMOCHLOROMETHANE	50	1400	1400	450	U	
67-66-3	CHLOROFORM	50	1400	1400	450	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1400	1400	450	U	
594-20-7	2,2-DICHLOROPROPANE	50	1400	1400	450	U	
56-23-5	CARBON TETRACHLORIDE	50	1400	1400	450	U	
563-58-6	1,1-DICHLOROPROPENE	50	1400	1400	450	U	
107-06-2	1,2-DICHLOROETHANE	50	1400	1400	450	U	
71-43-2	BENZENE	50	1400	1400	450	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18895

79-01-6	TRICHLOROETHENE	50	1400	1400	450	U	
78-87-5	1,2-DICHLOROPROPANE	50	1400	1400	450	U	
74-95-3	DIBROMOMETHANE	50	1400	1400	450	U	
75-27-4	BROMODICHLOROMETHANE	50	1400	1400	450	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1400	1400	450	U	
108-10-1	4-METHYL-2-PENTANONE	50	5400	5400	1800	U	
108-88-3	TOLUENE	50	1400	1400	450	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1400	1400	450	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1400	1400	450	U	
591-78-6	2-HEXANONE	50	5400	5400	1800	U	
127-18-4	TETRACHLOROETHENE	50	1400	1400	450	U	
142-28-9	1,3-DICHLOROPROPANE	50	1400	1400	450	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1400	1400	450	U	
106-93-4	1,2-DIBROMOETHANE	50	1400	1400	450	U	
544-10-5	1-CHLOROHEXANE	50	1400	1400	450	U	
108-90-7	CHLOROBENZENE	50	1400	1400	450	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1400	1400	450	U	
100-41-4	ETHYLBENZENE	50	1500	1400	450		
136777-61-2	M+P-XYLENE	50	5900	1400	450		
95-47-6	O-XYLENE	50	2900	1400	450		
100-42-5	STYRENE	50	1400	1400	450	U	
75-25-2	BROMOFORM	50	1400	1400	450	U	
98-82-8	ISOPROPYLBENZENE	50	820	1400	450	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1400	1400	450	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1400	1400	450	U	
108-86-1	BROMOBENZENE	50	1400	1400	450	U	
103-65-1	N-PROPYLBENZENE	50	1300	1400	450	J	
95-49-8	2-CHLOROTOLUENE	50	1400	1400	450	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18895

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2900	1400	450		
106-43-4	4-CHLOROTOLUENE	50	1400	1400	450	U	
98-06-6	TERT-BUTYLBENZENE	50	1400	1400	450	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	10000	1400	450		
135-98-8	SEC-BUTYLBENZENE	50	1100	1400	450	J	
541-73-1	1,3-DICHLOROBENZENE	50	1400	1400	450	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1100	1400	450	J	
106-46-7	1,4-DICHLOROBENZENE	50	1400	1400	450	U	
104-51-8	N-BUTYLBENZENE	50	1700	1400	450		
95-50-1	1,2-DICHLOROBENZENE	50	1400	1400	450	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2700	2700	900	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1400	1400	450	U	
87-68-3	HEXACHLOROBUTADIENE	50	1400	1400	450	U	
91-20-3	NAPHTHALENE	50	7800	1400	450		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1400	1400	450	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	13700		13600	101	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	14400		13600	107	61 - 134
2037-26-5	TOLUENE-D8	15400		13600	114	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18896

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	1100	1100	370	U	
74-87-3	CHLOROMETHANE	50	1100	1100	370	U	
75-01-4	VINYL CHLORIDE	50	1100	1100	370	U	
74-83-9	BROMOMETHANE	50	1100	1100	370	U	
75-00-3	CHLOROETHANE	50	1100	1100	370	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	1100	1100	370	U	
75-35-4	1,1-DICHLOROETHENE	50	1100	1100	370	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	1100	1100	370	U	
67-64-1	ACETONE	50	21000	4400	1500	B	
74-88-4	IODOMETHANE	50	1100	1100	370	U	
75-15-0	CARBON DISULFIDE	50	1100	1100	370	U	
75-09-2	METHYLENE CHLORIDE	50	1100	1100	370	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	1100	1100	370	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	1100	1100	370	U	
75-34-3	1,1-DICHLOROETHANE	50	1100	1100	370	U	
108-05-4	VINYL ACETATE	50	4400	4400	730	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	1100	1100	370	U	
78-93-3	2-BUTANONE	50	4400	4400	1500	U	
74-97-5	BROMOCHLOROMETHANE	50	1100	1100	370	U	
67-66-3	CHLOROFORM	50	1100	1100	370	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	1100	1100	370	U	
594-20-7	2,2-DICHLOROPROPANE	50	1100	1100	370	U	
56-23-5	CARBON TETRACHLORIDE	50	1100	1100	370	U	
563-58-6	1,1-DICHLOROPROPENE	50	1100	1100	370	U	
107-06-2	1,2-DICHLOROETHANE	50	1100	1100	370	U	
71-43-2	BENZENE	50	1100	1100	370	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18896

79-01-6	TRICHLOROETHENE	50	1100	1100	370	U	
78-87-5	1,2-DICHLOROPROPANE	50	1100	1100	370	U	
74-95-3	DIBROMOMETHANE	50	1100	1100	370	U	
75-27-4	BROMODICHLOROMETHANE	50	1100	1100	370	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	1100	1100	370	U	
108-10-1	4-METHYL-2-PENTANONE	50	4400	4400	1500	U	
108-88-3	TOLUENE	50	860	1100	370	J	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	1100	1100	370	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	1100	1100	370	U	
591-78-6	2-HEXANONE	50	4400	4400	1500	U	
127-18-4	TETRACHLOROETHENE	50	1100	1100	370	U	
142-28-9	1,3-DICHLOROPROPANE	50	1100	1100	370	U	
124-48-1	DIBROMOCHLOROMETHANE	50	1100	1100	370	U	
106-93-4	1,2-DIBROMOETHANE	50	1100	1100	370	U	
544-10-5	1-CHLOROHEXANE	50	1100	1100	370	U	
108-90-7	CHLOROBENZENE	50	1100	1100	370	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	1100	1100	370	U	
100-41-4	ETHYLBENZENE	50	640	1100	370	J	
136777-61-2	M+P-XYLENE	50	2700	1100	370		
95-47-6	O-XYLENE	50	1500	1100	370		
100-42-5	STYRENE	50	1100	1100	370	U	
75-25-2	BROMOFORM	50	1100	1100	370	U	
98-82-8	ISOPROPYLBENZENE	50	390	1100	370	J	
96-18-4	1,2,3-TRICHLOROPROPANE	50	1100	1100	370	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	1100	1100	370	U	
108-86-1	BROMOBENZENE	50	1100	1100	370	U	
103-65-1	N-PROPYLBENZENE	50	630	1100	370	J	
95-49-8	2-CHLOROTOLUENE	50	1100	1100	370	U	

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18896

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1600	1100	370		
106-43-4	4-CHLOROTOLUENE	50	1100	1100	370	U	
98-06-6	TERT-BUTYLBENZENE	50	1100	1100	370	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	5500	1100	370		
135-98-8	SEC-BUTYLBENZENE	50	590	1100	370	J	
541-73-1	1,3-DICHLOROBENZENE	50	1100	1100	370	U	
99-87-6	P-ISOPROPYLTOLUENE	50	610	1100	370	J	
106-46-7	1,4-DICHLOROBENZENE	50	1100	1100	370	U	
104-51-8	N-BUTYLBENZENE	50	1000	1100	370	J	
95-50-1	1,2-DICHLOROBENZENE	50	1100	1100	370	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	2200	2200	730	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	1100	1100	370	U	
87-68-3	HEXACHLOROBUTADIENE	50	1100	1100	370	U	
91-20-3	NAPHTHALENE	50	5500	1100	370		
87-61-6	1,2,3-TRICHLOROBENZENE	50	1100	1100	370	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	11000		11000	100	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	11500		11000	105	61 - 134
2037-26-5	TOLUENE-D8	12700		11000	115	57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44130

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	19.5	5		98	68 - 130%
71-43-2	BENZENE	20	19.2	5		96	81 - 122%
79-01-6	TRICHLOROETHENE	20	18.9	5		94	70 - 127%
108-88-3	TOLUENE	20	20.2	5		101	77 - 122%
108-90-7	CHLOROBENZENE	20	20.1	5		100	81 - 122%

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

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: ug/l
Clean DF: 1
File Name: B44131

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	21	5		105	20	7
71-43-2	BENZENE	20	20.5	5		102	20	6
79-01-6	TRICHLOROETHENE	20	19.9	5		100	20	5
108-88-3	TOLUENE	20	19.9	5		99	20	2
108-90-7	CHLOROBENZENE	20	20.5	5		103	20	2

Data Package ID: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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

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	94		90		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	50	96		99		79 - 120
2037-26-5	TOLUENE-D8	50	102		99		83 - 120

Data Package ID: *VL0703089-1*

GC/MS Volatiles

Method SW8260B

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: 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
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: 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: *VL0703089-2*

GC/MS Volatiles

Method SW8260B

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: 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
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: 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: *VL0703089-2*

GC/MS Volatiles

Method SW8260B

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: VL070317-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/17/2007
Date Analyzed: 03/17/2007
Prep Method: SW5030C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44162

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.02	0.0212	0.005		106	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.02	0.022	0.005		110	68 - 130%
78-93-3	2-BUTANONE	0.08	0.0761	0.02		95	32 - 150%
67-66-3	CHLOROFORM	0.02	0.0194	0.005		97	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.02	0.02	0.005		100	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.02	0.0205	0.005		102	69 - 132%
71-43-2	BENZENE	0.02	0.0203	0.005		101	81 - 122%
79-01-6	TRICHLOROETHENE	0.02	0.0196	0.005		98	70 - 127%
127-18-4	TETRACHLOROETHENE	0.02	0.0195	0.005		97	44 - 149%
108-90-7	CHLOROBENZENE	0.02	0.0197	0.005		98	81 - 122%

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B

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: VL070317-2LCSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/17/2007
Date Analyzed: 03/17/2007
Prep Method: SW5030C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
Clean DF: 1
File Name: B44163

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.02	0.0195	0.005		97	20	9
75-35-4	1,1-DICHLOROETHENE	0.02	0.0206	0.005		103	20	7
78-93-3	2-BUTANONE	0.08	0.0752	0.02		94	30	1
67-66-3	CHLOROFORM	0.02	0.019	0.005		95	20	2
56-23-5	CARBON TETRACHLORIDE	0.02	0.0192	0.005		96	20	4
107-06-2	1,2-DICHLOROETHANE	0.02	0.0199	0.005		100	20	3
71-43-2	BENZENE	0.02	0.0197	0.005		99	20	3
79-01-6	TRICHLOROETHENE	0.02	0.019	0.005		95	20	3
127-18-4	TETRACHLOROETHENE	0.02	0.0194	0.005		97	20	0
108-90-7	CHLOROBENZENE	0.02	0.0199	0.005		100	20	1

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	97		100		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.05	99		97		79 - 120
2037-26-5	TOLUENE-D8	0.05	100		104		83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--Leachate
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-030907-12
LabID: 0703089-25MS

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
File Name: B44173

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	0.0923		0.025	0.1	92	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.025	U	0.101		0.025	0.1	101	68 - 130%
78-93-3	2-BUTANONE	0.1	U	0.449		0.1	0.4	112	32 - 150%
67-66-3	CHLOROFORM	0.025	U	0.0941		0.025	0.1	94	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.025	U	0.0933		0.025	0.1	93	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.025	U	0.104		0.025	0.1	104	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	0.0914		0.025	0.1	91	70 - 127%
127-18-4	TETRACHLOROETHENE	0.025	U	0.088		0.025	0.1	88	44 - 149%
108-90-7	CHLOROBENZENE	0.025	U	0.0956		0.025	0.1	96	81 - 122%

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B--Leachate
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-030907-12
LabID: 0703089-25MSD

LEACH DATE: 3/14/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 17-Mar-07
Date Analyzed: 17-Mar-07
Prep Method: SW5030 Rev C

Prep Batch: VL070317-2
QCBatchID: VL070317-2-2
Run ID: VL070317-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
File Name: B44174

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.0949		0.1	95	0.025	20	3
75-35-4	1,1-DICHLOROETHENE	0.0957		0.1	96	0.025	20	5
78-93-3	2-BUTANONE	0.473		0.4	118	0.1	30	5
67-66-3	CHLOROFORM	0.0944		0.1	94	0.025	20	0
56-23-5	CARBON TETRACHLORIDE	0.0866		0.1	87	0.025	20	7
107-06-2	1,2-DICHLOROETHANE	0.105		0.1	105	0.025	20	1
71-43-2	BENZENE	0.102		0.1	102	0.025	20	2
79-01-6	TRICHLOROETHENE	0.0907		0.1	91	0.025	20	1
127-18-4	TETRACHLOROETHENE	0.0873		0.1	87	0.025	20	1
108-90-7	CHLOROBENZENE	0.0955		0.1	95	0.025	20	0

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	94		98		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.25	98		96		79 - 120
2037-26-5	TOLUENE-D8	0.25	98		99		83 - 120

Data Package ID: *VL0703089-3*

GC/MS Volatiles

Method SW8260B

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: VL070321-4LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/21/2007
Date Analyzed: 03/21/2007
Prep Method: SW5035A MOD

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18881

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	16.8	5		84	65 - 136%
71-43-2	BENZENE	20	16.6	5		83	73 - 126%
79-01-6	TRICHLOROETHENE	20	16.1	5		81	77 - 124%
108-88-3	TOLUENE	20	17.2	5		86	71 - 127%
108-90-7	CHLOROBENZENE	20	18.1	5		91	75 - 123%

Lab ID: VL070321-4LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/21/2007
Date Analyzed: 03/21/2007
Prep Method: SW5035A MOD

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: D18882

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	20.3	5		101	30	19
71-43-2	BENZENE	20	19.7	5		98	30	17
79-01-6	TRICHLOROETHENE	20	20.1	5		100	30	22
108-88-3	TOLUENE	20	20.4	5		102	30	17
108-90-7	CHLOROBENZENE	20	21.6	5		108	30	18

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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

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	108		108		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	50	106		107		61 - 134
2037-26-5	TOLUENE-D8	50	117		116		57 - 135

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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-030907-12
LabID: 0703089-12MS

Sample Matrix: SLUDGE
% Moisture: 77.3
Date Collected: 09-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
File Name: D18897

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	1100	U	4440		1100	4410	101	65 - 136%
71-43-2	BENZENE	1100	U	4750		1100	4410	108	73 - 126%
79-01-6	TRICHLOROETHENE	1100	U	4480		1100	4410	102	77 - 124%
108-88-3	TOLUENE	860	J	5390		1100	4410	103	71 - 127%
108-90-7	CHLOROBENZENE	1100	U	4590		1100	4410	104	75 - 123%

Field ID: PP1G-030907-12
LabID: 0703089-12MSD

Sample Matrix: SLUDGE
% Moisture: 77.3
Date Collected: 09-Mar-07
Date Extracted: 21-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW5035 Rev A M

Prep Batch: VL070321-3
QCBatchID: VL070321-3-1
Run ID: VL070321-4A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
File Name: D18898

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	4500		4410	102	1100	30	1
71-43-2	BENZENE	4910		4410	111	1100	30	3
79-01-6	TRICHLOROETHENE	4610		4410	105	1100	30	3
108-88-3	TOLUENE	5720		4410	110	1100	30	6
108-90-7	CHLOROBENZENE	4990		4410	113	1100	30	8

Data Package ID: *VL0703089-4*

GC/MS Volatiles

Method SW8260B

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

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	11000	100		100		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	11000	107		107		61 - 134
2037-26-5	TOLUENE-D8	11000	115		115		57 - 135

Data Package ID: *VL0703089-4*

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 @ 10:00:00 AM
Out of Oven: 3/15/2007 @ 8:00:00 AM

Validated By: jmm
Validation Date: 03/15/2007
Validation Time: 8:12:23 AM

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
EX070314-2A	EX070314-2	EX070314-2-1	0703089-1	SMP	1.212	10.21	3.293	2.08	79.6	20.4	
EX070314-2A	EX070314-2	EX070314-2-1	EX070314-2	MB	1.223	1.223	1.227	0.00	99.7	0.3	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-2	SMP	1.214	10.36	3.164	1.95	81.2	18.8	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-3	SMP	1.219	10.44	3.071	1.85	82.3	17.7	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-4	SMP	1.232	10.45	5.511	4.28	59.1	40.9	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-5	DUP	1.212	10.38	5.395	4.18	59.7	40.3	1
EX070314-2A	EX070314-2	EX070314-2-1	0703089-5	SMP	1.216	11.14	5.612	4.40	60.5	39.5	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-6	SMP	1.224	11.12	7.143	5.92	46.8	53.2	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-7	SMP	1.213	10.26	3.426	2.21	78.4	21.6	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-8	SMP	1.22	10.03	3.103	1.88	81.2	18.8	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-9	DUP	1.217	10.23	3.713	2.50	75.6	24.4	1
EX070314-2A	EX070314-2	EX070314-2-1	0703089-9	SMP	1.22	10.08	3.748	2.53	74.9	25.1	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-10	SMP	1.226	10.22	3.911	2.68	73.7	26.3	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-11	SMP	1.22	10.20	3.102	1.88	81.6	18.4	
EX070314-2A	EX070314-2	EX070314-2-1	0703089-12	SMP	1.221	10.2	3.535	2.31	77.3	22.7	

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.

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

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

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

Paragon Analytics

GC/MS Semivolatiles Case Narrative

S.M. Stoller Corporation

SJC Well 3 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples and 12 TCLP leachates. These samples were received cool and intact on 03/13/07.

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) $\geq$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
Phenol	9MS, 9MSD	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	5	Low
Terphenyl-D_{14}	1, 7, 9, 9MS, 9MSD, 10	High

Sample 0703089-9 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}	9MS, 9MSD, 10	Low
Perylene-D_{12}	4, 9, 9MS, 9MSD	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.

Sample 0703089-9 was also used for the matrix spike and matrix spike duplicate. The spikes also contained internal standards outside the acceptance criteria, which suggests matrix effects are present in the sample. Further re-analyses were not required.

13. Sample 0703089-10 was analyzed at dilution to bring target analytes in to calibration range. The reporting limits have been adjusted accordingly.

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
Organic Chemist

March 22, 2007
Date

Reviewer's Initials

3-26-07
Date

Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry

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

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 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

GC/MS Semi-volatiles

Method SW8270D--Leachate

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: EX070318-1MB

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: EX070319-4
QCBatchID: EX070319-4-2
Run ID: SV070321-4
Cleanup: NONE
Basis: N/A

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1606

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	0.59		0.75	79	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.387		0.5	77	21 - 106
367-12-4	2-FLUOROPHENOL	0.58		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.396		0.5	79	34 - 111
4165-62-2	PHENOL-D5	0.613		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.434		0.5	87	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--Leachate

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: EX070318-2MB
LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: N/A

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1607

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	0.626		0.75	83	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.408		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.607		0.75	81	21 - 100
4165-60-0	NITROBENZENE-D5	0.428		0.5	86	34 - 111
4165-62-2	PHENOL-D5	0.643		0.75	86	15 - 104
1718-51-0	TERPHENYL-D14	0.442		0.5	88	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-14

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-2
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1610

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.634		0.75	84	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.376		0.5	75	21 - 106
367-12-4	2-FLUOROPHENOL	0.565		0.75	75	21 - 100
4165-60-0	NITROBENZENE-D5	0.408		0.5	82	34 - 111
4165-62-2	PHENOL-D5	0.607		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.391		0.5	78	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-15

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1611

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	0.682		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.385		0.5	77	21 - 106
367-12-4	2-FLUOROPHENOL	0.56		0.75	75	21 - 100
4165-60-0	NITROBENZENE-D5	0.407		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.606		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.384		0.5	77	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-16

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1612

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	0.675		0.75	90	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.381		0.5	76	21 - 106
367-12-4	2-FLUOROPHENOL	0.58		0.75	77	21 - 100
4165-60-0	NITROBENZENE-D5	0.418		0.5	84	34 - 111
4165-62-2	PHENOL-D5	0.629		0.75	84	15 - 104
1718-51-0	TERPHENYL-D14	0.365		0.5	73	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-17

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1613

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	0.648		0.75	86	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.366		0.5	73	21 - 106
367-12-4	2-FLUOROPHENOL	0.546		0.75	73	21 - 100
4165-60-0	NITROBENZENE-D5	0.392		0.5	78	34 - 111
4165-62-2	PHENOL-D5	0.585		0.75	78	15 - 104
1718-51-0	TERPHENYL-D14	0.402		0.5	80	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-18
LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1614

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	0.653		0.75	87	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.409		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.608		0.75	81	21 - 100
4165-60-0	NITROBENZENE-D5	0.442		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.655		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.429		0.5	86	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-19

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1615

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	0.602		0.75	80	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.388		0.5	78	21 - 106
367-12-4	2-FLUOROPHENOL	0.584		0.75	78	21 - 100
4165-60-0	NITROBENZENE-D5	0.423		0.5	85	34 - 111
4165-62-2	PHENOL-D5	0.626		0.75	83	15 - 104
1718-51-0	TERPHENYL-D14	0.418		0.5	84	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-20

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1617

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	0.629		0.75	84	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.377		0.5	75	21 - 106
367-12-4	2-FLUOROPHENOL	0.568		0.75	76	21 - 100
4165-60-0	NITROBENZENE-D5	0.409		0.5	82	34 - 111
4165-62-2	PHENOL-D5	0.607		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.391		0.5	78	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-21

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1618

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.685		0.75	91	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.426		0.5	85	21 - 106
367-12-4	2-FLUOROPHENOL	0.636		0.75	85	21 - 100
4165-60-0	NITROBENZENE-D5	0.451		0.5	90	34 - 111
4165-62-2	PHENOL-D5	0.675		0.75	90	15 - 104
1718-51-0	TERPHENYL-D14	0.413		0.5	83	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-22
LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1619

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	0.663		0.75	88	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.395		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.615		0.75	82	21 - 100
4165-60-0	NITROBENZENE-D5	0.441		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.652		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.43		0.5	86	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-23
LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-2
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1620

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	0.63		0.75	84	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.397		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.61		0.75	81	21 - 100
4165-60-0	NITROBENZENE-D5	0.442		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.65		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.388		0.5	78	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-24

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1622

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	0.656		0.75	87	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.404		0.5	81	21 - 106
367-12-4	2-FLUOROPHENOL	0.607		0.75	81	21 - 100
4165-60-0	NITROBENZENE-D5	0.439		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.645		0.75	86	15 - 104
1718-51-0	TERPHENYL-D14	0.4		0.5	80	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

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: 0703089-25

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 22-Mar-07
Prep Method: SW3520 Rev C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: *mg/l*
Clean DF: 1
File Name: N1623

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	0.671		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.435		0.5	87	21 - 106
367-12-4	2-FLUOROPHENOL	0.661		0.75	88	21 - 100
4165-60-0	NITROBENZENE-D5	0.487		0.5	97	34 - 111
4165-62-2	PHENOL-D5	0.702		0.75	94	15 - 104
1718-51-0	TERPHENYL-D14	0.379		0.5	76	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D

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: 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: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1584

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	600	1900	590	J	
95-57-8	2-CHLOROPHENOL	1	1900	1900	610	U	
95-48-7	2-METHYLPHENOL	1	1900	1900	590	U	
108-39-4	3+4-METHYLPHENOL	1	1900	1900	500	U	
88-75-5	2-NITROPHENOL	1	1900	1900	540	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1900	1900	590	U	
120-83-2	2,4-DICHLOROPHENOL	1	1900	1900	610	U	
91-20-3	NAPHTHALENE	1	4100	1900	340		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1900	1900	530	U	
91-57-6	2-METHYLNAPHTHALENE	1	17000	1900	330		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1900	1900	600	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1900	1900	600	U	
91-58-7	2-CHLORONAPHTHALENE	1	1900	1900	320	U	
51-28-5	2,4-DINITROPHENOL	1	3900	3900	2600	U	
100-02-7	4-NITROPHENOL	1	3900	3900	380	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3900	3900	390	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1900	1900	610	U	
87-86-5	PENTACHLOROPHENOL	1	3900	3900	470	U	
50-32-8	BENZO(A)PYRENE	1	1900	1900	73	U	
90-12-0	1-METHYLNAPHTHALENE	1	9500	1900	300		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1584

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	11600		14600	80	19 - 113
321-60-8	2-FLUOROBIPHENYL	6740		9710	69	30 - 105
367-12-4	2-FLUOROPHENOL	10200		14600	70	25 - 100
4165-60-0	NITROBENZENE-D5	5860		9710	60	31 - 106
4165-62-2	PHENOL-D5	11300		14600	78	24 - 104
1718-51-0	TERPHENYL-D14	13300	*	9710	137	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1581

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	2200	2100	650		
95-57-8	2-CHLOROPHENOL	1	2100	2100	660	U	
95-48-7	2-METHYLPHENOL	1	2100	2100	640	U	
108-39-4	3+4-METHYLPHENOL	1	2100	2100	540	U	
88-75-5	2-NITROPHENOL	1	2100	2100	590	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2100	2100	640	U	
120-83-2	2,4-DICHLOROPHENOL	1	2100	2100	670	U	
91-20-3	NAPHTHALENE	1	4200	2100	370		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2100	2100	580	U	
91-57-6	2-METHYLNAPHTHALENE	1	18000	2100	360		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2100	2100	650	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2100	2100	650	U	
91-58-7	2-CHLORONAPHTHALENE	1	2100	2100	340	U	
51-28-5	2,4-DINITROPHENOL	1	4200	4200	2800	U	
100-02-7	4-NITROPHENOL	1	4200	4200	420	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	4200	4200	420	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2100	2100	660	U	
87-86-5	PENTACHLOROPHENOL	1	4200	4200	510	U	
50-32-8	BENZO(A)PYRENE	1	2100	2100	79	U	
90-12-0	1-METHYLNAPHTHALENE	1	9700	2100	330		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1581

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3880		15800	25	19 - 113
321-60-8	2-FLUOROBIPHENYL	6620		10600	63	30 - 105
367-12-4	2-FLUOROPHENOL	10400		15800	66	25 - 100
4165-60-0	NITROBENZENE-D5	5500		10600	52	31 - 106
4165-62-2	PHENOL-D5	10600		15800	67	24 - 104
1718-51-0	TERPHENYL-D14	9420		10600	89	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1585

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	2400	2200	690		
95-57-8	2-CHLOROPHENOL	1	2200	2200	700	U	
95-48-7	2-METHYLPHENOL	1	2200	2200	680	U	
108-39-4	3+4-METHYLPHENOL	1	2200	2200	580	U	
88-75-5	2-NITROPHENOL	1	2200	2200	630	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2200	2200	680	U	
120-83-2	2,4-DICHLOROPHENOL	1	2200	2200	710	U	
91-20-3	NAPHTHALENE	1	4500	2200	390		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	2200	610	U	
91-57-6	2-METHYLNAPHTHALENE	1	19000	2200	380		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	2200	690	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	2200	690	U	
91-58-7	2-CHLORONAPHTHALENE	1	2200	2200	360	U	
51-28-5	2,4-DINITROPHENOL	1	4500	4500	3000	U	
100-02-7	4-NITROPHENOL	1	4500	4500	440	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	4500	4500	450	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	2200	700	U	
87-86-5	PENTACHLOROPHENOL	1	4500	4500	550	U	
50-32-8	BENZO(A)PYRENE	1	2200	2200	84	U	
90-12-0	1-METHYLNAPHTHALENE	1	10000	2200	350		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1585

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	7790		16800	46	19 - 113
321-60-8	2-FLUOROBIPHENYL	7750		11200	69	30 - 105
367-12-4	2-FLUOROPHENOL	11400		16800	68	25 - 100
4165-60-0	NITROBENZENE-D5	6150		11200	55	31 - 106
4165-62-2	PHENOL-D5	12300		16800	73	24 - 104
1718-51-0	TERPHENYL-D14	11700		11200	104	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.06 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1586

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1600	970	300		
95-57-8	2-CHLOROPHENOL	1	970	970	300	U	
95-48-7	2-METHYLPHENOL	1	970	970	300	U	
108-39-4	3+4-METHYLPHENOL	1	970	970	250	U	
88-75-5	2-NITROPHENOL	1	970	970	270	U	
105-67-9	2,4-DIMETHYLPHENOL	1	970	970	300	U	
120-83-2	2,4-DICHLOROPHENOL	1	970	970	310	U	
91-20-3	NAPHTHALENE	1	2600	970	170		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	970	970	270	U	
91-57-6	2-METHYLNAPHTHALENE	1	9300	970	170		
88-06-2	2,4,6-TRICHLOROPHENOL	1	970	970	300	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	970	970	300	U	
91-58-7	2-CHLORONAPHTHALENE	1	970	970	160	U	
51-28-5	2,4-DINITROPHENOL	1	1900	1900	1300	U	
100-02-7	4-NITROPHENOL	1	1900	1900	190	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1900	1900	190	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	970	970	300	U	
87-86-5	PENTACHLOROPHENOL	1	1900	1900	240	U	
50-32-8	BENZO(A)PYRENE	1	970	970	37	U	
90-12-0	1-METHYLNAPHTHALENE	1	5200	970	150		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.06 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1586

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3940		7310	54	19 - 113
321-60-8	2-FLUOROBIPHENYL	2860		4870	59	30 - 105
367-12-4	2-FLUOROPHENOL	5000		7310	68	25 - 100
4165-60-0	NITROBENZENE-D5	2850		4870	59	31 - 106
4165-62-2	PHENOL-D5	3560		7310	49	24 - 104
1718-51-0	TERPHENYL-D14	5260		4870	108	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1562

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	2700	1000	310		
95-57-8	2-CHLOROPHENOL	1	1000	1000	320	U	
95-48-7	2-METHYLPHENOL	1	1000	1000	310	U	
108-39-4	3+4-METHYLPHENOL	1	1000	1000	260	U	
88-75-5	2-NITROPHENOL	1	1000	1000	280	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1000	1000	310	U	
120-83-2	2,4-DICHLOROPHENOL	1	1000	1000	320	U	
91-20-3	NAPHTHALENE	1	1300	1000	180		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1000	1000	280	U	
91-57-6	2-METHYLNAPHTHALENE	1	4400	1000	170		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1000	1000	310	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1000	1000	310	U	
91-58-7	2-CHLORONAPHTHALENE	1	1000	1000	160	U	
51-28-5	2,4-DINITROPHENOL	1	2000	2000	1400	U	
100-02-7	4-NITROPHENOL	1	2000	2000	200	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2000	2000	200	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1000	1000	320	U	
87-86-5	PENTACHLOROPHENOL	1	2000	2000	250	U	
50-32-8	BENZO(A)PYRENE	1	1000	1000	38	U	
90-12-0	1-METHYLNAPHTHALENE	1	2300	1000	160		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1562

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	674	*	7580	9	19 - 113
321-60-8	2-FLUOROBIPHENYL	3710		5060	73	30 - 105
367-12-4	2-FLUOROPHENOL	4020		7580	53	25 - 100
4165-60-0	NITROBENZENE-D5	2980		5060	59	31 - 106
4165-62-2	PHENOL-D5	5620		7580	74	24 - 104
1718-51-0	TERPHENYL-D14	4750		5060	94	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: N1559

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	340	740	230	J	
95-57-8	2-CHLOROPHENOL	1	740	740	230	U	
95-48-7	2-METHYLPHENOL	1	740	740	220	U	
108-39-4	3+4-METHYLPHENOL	1	740	740	190	U	
88-75-5	2-NITROPHENOL	1	740	740	210	U	
105-67-9	2,4-DIMETHYLPHENOL	1	740	740	220	U	
120-83-2	2,4-DICHLOROPHENOL	1	740	740	230	U	
91-20-3	NAPHTHALENE	1	1200	740	130		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	740	740	200	U	
91-57-6	2-METHYLNAPHTHALENE	1	3000	740	130		
88-06-2	2,4,6-TRICHLOROPHENOL	1	740	740	230	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	740	740	230	U	
91-58-7	2-CHLORONAPHTHALENE	1	740	740	120	U	
51-28-5	2,4-DINITROPHENOL	1	1500	1500	990	U	
100-02-7	4-NITROPHENOL	1	1500	1500	150	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	1500	1500	150	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	740	740	230	U	
87-86-5	PENTACHLOROPHENOL	1	1500	1500	180	U	
50-32-8	BENZO(A)PYRENE	1	740	740	28	U	
90-12-0	1-METHYLNAPHTHALENE	1	1500	740	110		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: N1559

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3680		5550	66	19 - 113
321-60-8	2-FLUOROBIPHENYL	2320		3700	63	30 - 105
367-12-4	2-FLUOROPHENOL	3900		5550	70	25 - 100
4165-60-0	NITROBENZENE-D5	2280		3700	62	31 - 106
4165-62-2	PHENOL-D5	4180		5550	75	24 - 104
1718-51-0	TERPHENYL-D14	3060		3700	83	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.04 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1587

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1900	1900	570	U	
95-57-8	2-CHLOROPHENOL	1	1900	1900	580	U	
95-48-7	2-METHYLPHENOL	1	1900	1900	560	U	
108-39-4	3+4-METHYLPHENOL	1	1900	1900	480	U	
88-75-5	2-NITROPHENOL	1	1900	1900	520	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1900	1900	560	U	
120-83-2	2,4-DICHLOROPHENOL	1	1900	1900	580	U	
91-20-3	NAPHTHALENE	1	4800	1900	320		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1900	1900	510	U	
91-57-6	2-METHYLNAPHTHALENE	1	21000	1900	320		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1900	1900	570	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1900	1900	570	U	
91-58-7	2-CHLORONAPHTHALENE	1	1900	1900	300	U	
51-28-5	2,4-DINITROPHENOL	1	3700	3700	2500	U	
100-02-7	4-NITROPHENOL	1	3700	3700	370	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3700	3700	370	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1900	1900	580	U	
87-86-5	PENTACHLOROPHENOL	1	3700	3700	450	U	
50-32-8	BENZO(A)PYRENE	1	1900	1900	69	U	
90-12-0	1-METHYLNAPHTHALENE	1	13000	1900	290		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.04 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1587

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	6790		13900	49	19 - 113
321-60-8	2-FLUOROBIPHENYL	6930		9260	75	30 - 105
367-12-4	2-FLUOROPHENOL	10300		13900	74	25 - 100
4165-60-0	NITROBENZENE-D5	5870		9260	63	31 - 106
4165-62-2	PHENOL-D5	5410		13900	39	24 - 104
1718-51-0	TERPHENYL-D14	11000	*	9260	119	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.08 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1580

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1700	2100	650	J	
95-57-8	2-CHLOROPHENOL	1	2100	2100	660	U	
95-48-7	2-METHYLPHENOL	1	2100	2100	640	U	
108-39-4	3+4-METHYLPHENOL	1	2100	2100	550	U	
88-75-5	2-NITROPHENOL	1	2100	2100	600	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2100	2100	640	U	
120-83-2	2,4-DICHLOROPHENOL	1	2100	2100	670	U	
91-20-3	NAPHTHALENE	1	3900	2100	370		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2100	2100	580	U	
91-57-6	2-METHYLNAPHTHALENE	1	16000	2100	360		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2100	2100	660	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2100	2100	660	U	
91-58-7	2-CHLORONAPHTHALENE	1	2100	2100	340	U	
51-28-5	2,4-DINITROPHENOL	1	4200	4200	2800	U	
100-02-7	4-NITROPHENOL	1	4200	4200	420	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	4200	4200	420	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2100	2100	660	U	
87-86-5	PENTACHLOROPHENOL	1	4200	4200	520	U	
50-32-8	BENZO(A)PYRENE	1	2100	2100	80	U	
90-12-0	1-METHYLNAPHTHALENE	1	8300	2100	330		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.08 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1580

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10000		15900	63	19 - 113
321-60-8	2-FLUOROBIPHENYL	5940		10600	56	30 - 105
367-12-4	2-FLUOROPHENOL	10000		15900	63	25 - 100
4165-60-0	NITROBENZENE-D5	5710		10600	54	31 - 106
4165-62-2	PHENOL-D5	4630		15900	29	24 - 104
1718-51-0	TERPHENYL-D14	8830		10600	83	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.11 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1564

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	500	1600	490	J	
95-57-8	2-CHLOROPHENOL	1	1600	1600	500	U	
95-48-7	2-METHYLPHENOL	1	1600	1600	480	U	
108-39-4	3+4-METHYLPHENOL	1	1600	1600	410	U	
88-75-5	2-NITROPHENOL	1	1600	1600	440	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1600	1600	480	U	
120-83-2	2,4-DICHLOROPHENOL	1	1600	1600	500	U	
91-20-3	NAPHTHALENE	1	3000	1600	280		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1600	1600	430	U	
91-57-6	2-METHYLNAPHTHALENE	1	11000	1600	270		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1600	1600	490	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1600	1600	490	U	
91-58-7	2-CHLORONAPHTHALENE	1	1600	1600	260	U	
51-28-5	2,4-DINITROPHENOL	1	3200	3200	2100	U	
100-02-7	4-NITROPHENOL	1	3200	3200	310	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3200	3200	320	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1600	1600	500	U	
87-86-5	PENTACHLOROPHENOL	1	3200	3200	390	U	
50-32-8	BENZO(A)PYRENE	1	1600	1600	60	U	
90-12-0	1-METHYLNAPHTHALENE	1	5600	1600	250		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.11 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1564

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9240		11900	78	19 - 113
321-60-8	2-FLUOROBIPHENYL	4510		7940	57	30 - 105
367-12-4	2-FLUOROPHENOL	8270		11900	69	25 - 100
4165-60-0	NITROBENZENE-D5	4610		7940	58	31 - 106
4165-62-2	PHENOL-D5	2830		11900	24	24 - 104
1718-51-0	TERPHENYL-D14	8980	*	7940	113	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.04 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1583

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	4100	2200	660		
95-57-8	2-CHLOROPHENOL	1	2200	2200	680	U	
95-48-7	2-METHYLPHENOL	1	2200	2200	660	U	
108-39-4	3+4-METHYLPHENOL	1	2200	2200	560	U	
88-75-5	2-NITROPHENOL	1	2200	2200	610	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2200	2200	660	U	
120-83-2	2,4-DICHLOROPHENOL	1	2200	2200	680	U	
91-20-3	NAPHTHALENE	1	3600	2200	380		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	2200	590	U	
91-57-6	2-METHYLNAPHTHALENE	1	15000	2200	370		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	2200	670	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	2200	670	U	
91-58-7	2-CHLORONAPHTHALENE	1	2200	2200	350	U	
51-28-5	2,4-DINITROPHENOL	1	4300	4300	2900	U	
100-02-7	4-NITROPHENOL	1	4300	4300	430	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	4300	4300	430	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	2200	680	U	
87-86-5	PENTACHLOROPHENOL	1	4300	4300	530	U	
50-32-8	BENZO(A)PYRENE	1	2200	2200	81	U	
90-12-0	1-METHYLNAPHTHALENE	1	8900	2200	340		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.04 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1583

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9400		16200	58	19 - 113
321-60-8	2-FLUOROBIPHENYL	5430		10800	50	30 - 105
367-12-4	2-FLUOROPHENOL	10600		16200	65	25 - 100
4165-60-0	NITROBENZENE-D5	5580		10800	52	31 - 106
4165-62-2	PHENOL-D5	9660		16200	60	24 - 104
1718-51-0	TERPHENYL-D14	7970		10800	74	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.12 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1588

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	2	3000	3000	930	U	
95-57-8	2-CHLOROPHENOL	2	3000	3000	950	U	
95-48-7	2-METHYLPHENOL	2	3000	3000	920	U	
108-39-4	3+4-METHYLPHENOL	2	3000	3000	780	U	
88-75-5	2-NITROPHENOL	2	3000	3000	850	U	
105-67-9	2,4-DIMETHYLPHENOL	2	3000	3000	920	U	
120-83-2	2,4-DICHLOROPHENOL	2	3000	3000	950	U	
91-20-3	NAPHTHALENE	2	8000	3000	530		
59-50-7	4-CHLORO-3-METHYLPHENOL	2	3000	3000	830	U	
91-57-6	2-METHYLNAPHTHALENE	2	28000	3000	520		
88-06-2	2,4,6-TRICHLOROPHENOL	2	3000	3000	940	U	
95-95-4	2,4,5-TRICHLOROPHENOL	2	3000	3000	940	U	
91-58-7	2-CHLORONAPHTHALENE	2	3000	3000	490	U	
51-28-5	2,4-DINITROPHENOL	2	6100	6100	4100	U	
100-02-7	4-NITROPHENOL	2	2400	6100	600	J	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	6100	6100	600	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	3000	3000	950	U	
87-86-5	PENTACHLOROPHENOL	2	6100	6100	740	U	
50-32-8	BENZO(A)PYRENE	2	3000	3000	110	U	
90-12-0	1-METHYLNAPHTHALENE	2	26000	3000	470		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: 25.12 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1
File Name: N1588

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2940		11400	26	19 - 113
321-60-8	2-FLUOROBIPHENYL	5630		7580	74	30 - 105
367-12-4	2-FLUOROPHENOL	6610		11400	58	25 - 100
4165-60-0	NITROBENZENE-D5	5010		7580	66	31 - 106
4165-62-2	PHENOL-D5	4310		11400	38	24 - 104
1718-51-0	TERPHENYL-D14	10300	*	7580	136	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: N1560

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1700	1700	530	U	
95-57-8	2-CHLOROPHENOL	1	1700	1700	540	U	
95-48-7	2-METHYLPHENOL	1	1700	1700	530	U	
108-39-4	3+4-METHYLPHENOL	1	1700	1700	450	U	
88-75-5	2-NITROPHENOL	1	1700	1700	490	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1700	1700	530	U	
120-83-2	2,4-DICHLOROPHENOL	1	1700	1700	550	U	
91-20-3	NAPHTHALENE	1	2600	1700	300		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1700	1700	470	U	
91-57-6	2-METHYLNAPHTHALENE	1	9100	1700	300		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1700	1700	540	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1700	1700	540	U	
91-58-7	2-CHLORONAPHTHALENE	1	1700	1700	280	U	
51-28-5	2,4-DINITROPHENOL	1	3500	3500	2300	U	
100-02-7	4-NITROPHENOL	1	3500	3500	340	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3500	3500	350	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1700	1700	540	U	
87-86-5	PENTACHLOROPHENOL	1	3500	3500	420	U	
50-32-8	BENZO(A)PYRENE	1	1700	1700	65	U	
90-12-0	1-METHYLNAPHTHALENE	1	4700	1700	270		

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: 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: N1560

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9230		13000	71	19 - 113
321-60-8	2-FLUOROBIPHENYL	3660		8680	42	30 - 105
367-12-4	2-FLUOROPHENOL	9460		13000	73	25 - 100
4165-60-0	NITROBENZENE-D5	4970		8680	57	31 - 106
4165-62-2	PHENOL-D5	9890		13000	76	24 - 104
1718-51-0	TERPHENYL-D14	5960		8680	69	18 - 112

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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: EX070319-4LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/21/2007
Prep Method: SW3520C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1000 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1608

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.0322	0.01		64	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0354	0.01		71	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.0738	0.01		74	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.132	0.01		66	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.0344	0.01		69	28 - 94%
98-95-3	NITROBENZENE	0.05	0.0288	0.01		58	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0331	0.01		66	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0732	0.01		73	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0722	0.01		72	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0346	0.01		69	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0411	0.01		82	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.0589	0.02		59	38 - 117%

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D

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: EX070319-4LCSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/19/2007
Date Analyzed: 03/21/2007
Prep Method: SW3520C

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1000 ml
Final Volume: 1 ml
Result Units: mg/l
Clean DF: 1
File Name: N1609

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.0284	0.01		57	50	13
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0364	0.01		73	50	3
95-48-7	2-METHYLPHENOL	0.1	0.0743	0.01		74	50	1
108-39-4	3+4-METHYLPHENOL	0.2	0.135	0.01		68	50	2
67-72-1	HEXACHLOROETHANE	0.05	0.0351	0.01		70	50	2
98-95-3	NITROBENZENE	0.05	0.0295	0.01		59	50	2
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0343	0.01		69	50	4
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0725	0.01		73	50	1
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0721	0.01		72	50	0
121-14-2	2,4-DINITROTOLUENE	0.05	0.0353	0.01		71	50	2
118-74-1	HEXACHLOROBENZENE	0.05	0.041	0.01		82	50	0
87-86-5	PENTACHLOROPHENOL	0.1	0.0616	0.02		62	50	5

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	75		77		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	80		80		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	79		83		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	84		85		34 - 111
4165-62-2	PHENOL-D5	0.075	84		86		15 - 104
1718-51-0	TERPHENYL-D14	0.05	84		83		33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

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
LabID: 0703089-19MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 21-Mar-07

Prep Batch: EX070319-4
QCBatchID: EX070319-4-1
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
File Name: N1616

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	0.323		0.1	0.5	65	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.371		0.1	0.5	74	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.78		0.1	1	78	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.45		0.1	2	72	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.377		0.1	0.5	75	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.307		0.1	0.5	61	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.339		0.1	0.5	68	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.817		0.1	1	82	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.808		0.1	1	81	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.376		0.1	0.5	75	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.42		0.1	0.5	84	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.705		0.2	1	70	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.652		0.75	87	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.405		0.5	81	21 - 106
367-12-4	2-FLUOROPHENOL	0.633		0.75	84	21 - 100
4165-60-0	NITROBENZENE-D5	0.449		0.5	90	34 - 111
4165-62-2	PHENOL-D5	0.678		0.75	90	15 - 104
1718-51-0	TERPHENYL-D14	0.439		0.5	88	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

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
LabID: 0703089-23MS

LEACH DATE: 3/18/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 09-Mar-07
Date Extracted: 19-Mar-07
Date Analyzed: 22-Mar-07

Prep Batch: EX070319-4
QCBatchID: EX070319-4-2
Run ID: SV070321-4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 100 ml
Final Volume: 1 ml
Result Units: mg/l
File Name: N1621

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	0.375		0.1	0.5	75	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.369		0.1	0.5	74	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.775		0.1	1	77	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.42		0.1	2	71	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.378		0.1	0.5	76	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.298		0.1	0.5	60	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.33		0.1	0.5	66	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.821		0.1	1	82	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.824		0.1	1	82	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.381		0.1	0.5	76	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.382		0.1	0.5	76	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.765		0.2	1	77	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.657		0.75	88	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.397		0.5	79	21 - 106
367-12-4	2-FLUOROPHENOL	0.624		0.75	83	21 - 100
4165-60-0	NITROBENZENE-D5	0.434		0.5	87	34 - 111
4165-62-2	PHENOL-D5	0.651		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.333		0.5	67	33 - 111

Data Package ID: *SV0703089-1*

GC/MS Semi-volatiles

Method SW8270D

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: 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: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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

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: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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-030907-09
LabID: 0703089-9MS

Sample Matrix: SLUDGE
% Moisture: 74.9
Date Collected: 09-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: 25.3 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: N1565

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
108-95-2	PHENOL	500	J	3850	*	1580	11800	28	39 - 160%
95-57-8	2-CHLOROPHENOL	1600	U	7960		1580	11800	67	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	1600	U	8210		1580	11800	69	46 - 113%
100-02-7	4-NITROPHENOL	3200	U	5250		3150	11800	44	17 - 138%
87-86-5	PENTACHLOROPHENOL	3200	U	6200		3150	11800	52	25 - 119%

Field ID: PP1G-030907-09
LabID: 0703089-9MSD

Sample Matrix: SLUDGE
% Moisture: 74.9
Date Collected: 09-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
File Name: N1566

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
108-95-2	PHENOL	3840	*	11900	28	1590	44	0
95-57-8	2-CHLOROPHENOL	7940		11900	67	1590	41	0
59-50-7	4-CHLORO-3-METHYLPHENOL	8060		11900	68	1590	38	2
100-02-7	4-NITROPHENOL	6190		11900	52	3180	67	16
87-86-5	PENTACHLOROPHENOL	7100		11900	59	3180	54	14

Data Package ID: *SV0703089-2*

GC/MS Semi-volatiles

Method SW8270D

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

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	11800	57		63		19 - 113
321-60-8	2-FLUOROBIPHENYL	7880	55		55		30 - 105
367-12-4	2-FLUOROPHENOL	11800	64		65		25 - 100
4165-60-0	NITROBENZENE-D5	7880	59		61		31 - 106
4165-62-2	PHENOL-D5	11800	26		27		24 - 104
1718-51-0	TERPHENYL-D14	7880	152	*	154	*	18 - 112

Data Package ID: *SV0703089-2*

Paragon Analytics

Radiochemistry Case Narrative
Gamma Spectroscopy

S. M. Stoller Corporation

SJC Well 3 / 4165-030

Paragon Work Order 0703089

1. This report consists of analysis results for 12 sludge samples received by Paragon Analytics on 3/13/07. 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 were sealed in steel cans on 3/14/07 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 3/25/07 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 were analyzed for the presence of gamma emitting radionuclides according to Paragon Analytics procedure PA SOP713R9. The analyses were completed on 3/25/07.

5. 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.

6. The library used for calibration and analysis employs multiple peaks for the ^{226}Ra progeny, ^{214}Pb (352 and 295 keV) and ^{214}Bi (609 and 1120 keV). Using these peaks avoids the use of the problematic ^{226}Ra photopeak at 186 keV, which suffers from poorly resolvable interference from ^{235}U at the same energy. Final activity results for ^{226}Ra are calculated, using the uncertainty-weighted mean of the activities for the four photopeaks, by the Seeker gamma spectroscopy software assuming secular equilibrium.

7. Activity concentrations above the calculated MDC are reported in some instances where minimum nuclide identification criteria are not met. Such tentative identifications result when the software attempts to calculate net activity concentrations for analytes where either one or both of the following criteria are not satisfied: the 'diagnostic' peak for a nuclide must be identified above the critical level, or the minimum library peak abundance must be attained. Nuclides not meeting these requirements have been flagged with a "TI" qualifier.

8. There are cases where the sample density is less than the associated calibration standard density. Cases that exceed the limit of +/- 15% of the density of the calibration standard are flagged with a 'G', denoting a significant density difference between the sample and calibration standard. Consequently, the results may be biased high for the flagged results in this 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.

9. The requested detection limit of 1.0 pCi/gram for ^{228}Ra was not met for samples 0703089-3, -10 and -11. However, the observed acitivities are above the sample specific detection limits. Therefore, these results have been flagged with a "M3" qualifier on the final reports and are submitted without further qualification.

10. 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 — Date 3/24/07

Radiochemistry Final Data Review — Date 3/24/07

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

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

Lab ID: GS070314-1MB
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 14-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070479d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	-0.04 +/- 0.10	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 halflives.
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: *GSS0703089-1*

000003

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

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

Lab ID: GS070314-1MB

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 14-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070479d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	-0.06 +/- 0.20	0.38	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 halflives

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: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

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

Lab ID: GS070314-1ALCS

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 14-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 30 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070335d04

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
13982-63-3	Ra-226	467 +/- 55	3	471	99.2	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.

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.

Abbreviations:

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

Data Package ID: *GSS0703089-1*

000005

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

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

Lab ID: GS070314-1LCS

Library: ANALYTICAL

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 14-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 30 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070473d02

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14596-10-2	Am-241	440 +/- 52	9	462	95.2	85 - 115	P
10198-40-0	Co-60	238 +/- 28	1	244	97.6	85 - 115	P
10045-97-3	Cs-137	183 +/- 22	1	176	104	85 - 115	P

Comments:

Qualifiers/Flags:

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

Data Package ID: *GSS0703089-1*

000006

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

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: 0703089-4DUP
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 101 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070447d06A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	1.59 +/- 0.47	1.50 +/- 0.34	0.15	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
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)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

Data Package ID: *GSS0703089-1*

000007

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

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: 0703089-4DUP
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 101 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070447d06

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	1.28 +/- 0.75	1.46 +/- 0.53	0.19	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
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)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

Data Package ID: *GSS0703089-1*

000008

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

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: 0703089-5DUP
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 97.1 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070349d03A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	1.39 +/- 0.33	1.03 +/- 0.32	0.79	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
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)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

Data Package ID: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

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: 0703089-5DUP

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 97.1 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070349d03

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	1.10 +/- 0.51	1.46 +/- 0.63	0.45	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
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)
DER - Duplicate Error Ratio (see PAI SOP 715)
BDL - Below Detection Limit
NR - Not Reported

Data Package ID: *GSS0703089-1*

000010

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 120 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070348d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.69 +/- 0.33	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

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 halflives.

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

Data Package ID: *GSS0703089-1*

000011

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 120 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070348d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.22 +/- 0.45	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

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 halflives.

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

Data Package ID: *GSS0703089-1*

000012

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 75 minutes
Report Basis: Dry Weight

Final Aliquot: 84.3 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070332d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.86 +/- 0.38	0.48	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 halflives.

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

Data Package ID: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 75 minutes
Report Basis: Dry Weight

Final Aliquot: 84.3 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070332d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.06 +/- 0.45	0.88	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: *GSS0703089-1*

000014

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 90 minutes
Report Basis: Dry Weight

Final Aliquot: 83.2 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070477d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.97 +/- 0.38	0.51	G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met

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 halflives.

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

Data Package ID: *GSS0703089-1*

000015

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 90 minutes
Report Basis: Dry Weight

Final Aliquot: 83.2 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070477d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.74 +/- 0.54	1.12	M3,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 halflives.

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

Data Package ID: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 30 minutes
Report Basis: Dry Weight

Final Aliquot: 110 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070465d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.59 +/- 0.47	0.84	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 halflives.

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

Data Package ID: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 30 minutes
Report Basis: Dry Weight

Final Aliquot: 110 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070465d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.28 +/- 0.75	0.93	G,TI

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met

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 halflives.

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

Data Package ID: *GSS0703089-1*

000018

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate 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: 0703089-4DUP

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 101 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070447d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.50 +/- 0.34	0.51	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC.
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 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: *GSS0703089-1*

000019

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate 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: 0703089-4DUP

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 101 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070447d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.46 +/- 0.53	0.91	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 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: *GSS0703089-1*

000020

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 97.6 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070467d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.39 +/- 0.33	0.50	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 halflives.

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

Data Package ID: *GSS0703089-1*

000021

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 97.6 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070467d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.10 +/- 0.51	0.96	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: *GSS0703089-1*

000022

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate 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	**Sample Matrix:** SLUDGE	**Prep Batch:** GS070314-1	**Final Aliquot:** 97.1 g
Lab ID: 0703089-5DUP	**Prep SOP:** PAI 739 Rev 8	**QCBatchID:** GS070314-1-1	**Prep Basis:** Dry Weight
Library: Ra226	**Date Collected:** 09-Mar-07	**Run ID:** GS070314-1A	**Moisture(%):** NA
	Date Prepared: 14-Mar-07	**Count Time:** 60 minutes	**Result Units:** pCi/g
	Date Analyzed: 25-Mar-07	**Report Basis:** Dry Weight	**File Name:** 070349d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.03 +/- 0.32	0.55	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 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: *GSS0703089-1*

000023

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate 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: 0703089-5DUP
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 97.1 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070349d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.46 +/- 0.63	1.00	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 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: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 153 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070448d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.32 +/- 0.27	0.40	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 halflives.

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

Data Package ID: *GSS0703089-1*

000025

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 153 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070448d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.91 +/- 0.32	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.

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: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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

Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 87.9 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070333d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.45 +/- 0.35	0.60	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 halflives

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

Data Package ID: *GSS0703089-1*

660027

Gamma Spectroscopy Results

PAI 713 Rev 9

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

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 87.9 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070333d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.41 +/- 0.48	0.92	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: *GSS0703089-1*

GGJ0028

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes
Report Basis: Dry Weight

Final Aliquot: 84.7 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070471d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.73 +/- 0.33	0.46	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: *GSS0703089-1*

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes
Report Basis: Dry Weight

Final Aliquot: 84.7 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070471d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.48 +/- 0.46	0.97	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 reportec 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 halflives.

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

Data Package ID: *GSS0703089-1*

000030

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 126 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070478d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.85 +/- 0.34	0.43	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: *GSS0703089-1*

000031

Gamma Spectroscopy Results

PAI 713 Rev 9

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

Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 126 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070478d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.72 +/- 0.49	0.78	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 halflives

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

Data Package ID: *GSS0703089-1*

000032

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes
Report Basis: Dry Weight

Final Aliquot: 78.2 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070352d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.60 +/- 0.34	0.58	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 halflives.

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

Data Package ID: *GSS0703089-1*

070353A

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 105 minutes
Report Basis: Dry Weight

Final Aliquot: 78.2 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070352d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.35 +/- 0.50	1.07	M3,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: *GSS0703089-1*

C000338

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 75 minutes
Report Basis: Dry Weight

Final Aliquot: 85.0 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070450d06A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.79 +/- 0.39	0.60	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: *GSS0703089-1*

000034

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 75 minutes
Report Basis: Dry Weight

Final Aliquot: 85.0 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070450d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.21 +/- 0.52	1.05	M3,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 halflives

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

Data Package ID: *GSS0703089-1*

600035

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra226

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 106 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070334d04A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.73 +/- 0.35	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.

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 halflives.

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

Data Package ID: *GSS0703089-1*

000056

Gamma Spectroscopy Results

PAI 713 Rev 9

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
Library: Ra228(MP)

Sample Matrix: SLUDGE
Prep SOP: PAI 739 Rev 8
Date Collected: 09-Mar-07
Date Prepared: 14-Mar-07
Date Analyzed: 25-Mar-07

Prep Batch: GS070314-1
QCBatchID: GS070314-1-1
Run ID: GS070314-1A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 106 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070334d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.47 +/- 0.51	0.69	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 halflives.

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

Data Package ID: *GSS0703089-1*

000037

Paragon Analytics

Total Volatile Petroleum Hydrocarbons Case Narrative

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/13/07.

2. These samples were prepared and analyzed according to SW-846, 3rd Edition procedures. Specifically, all soil samples except 0703089-4, -9, and -11 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. Samples -4, -9, and -11 were extracted with methanol, which was then injected into the instrument using heated 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 C_6 to C_{12}. 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 blanks associated with this project were 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. Matrix QC was performed for this analysis. Since a sample from this order number was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

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 with the following exception:

Internal Standard	Sample	Direction
Trifluorotoluene	0703089-2	Low

The sample was re-analyzed to evaluate whether the original outlier was due to matrix effects or laboratory performance. The re-analysis also had the internal standard outside the control limits, which suggests the presence of matrix effects. No further action was taken.

11. Samples 0703089-4, -9, and -11 were analyzed at a dilution in order to bring the target analyte within the calibration range of the instrument. The reporting limits have been adjusted accordingly.

12. 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 Shenerman for J.F. — 03-26-07
Jay Fielding — Date
Fuels Analyst

CK — 03-24-07
Reporter's Initials — 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: 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

Gasoline Range Organics

Method SW8015B

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: HCG070313-2MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Mar-07
Date Analyzed: 13-Mar-07

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3734

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	0.455		0.5	91	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.18 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3737

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	37	2.1	0.17	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.07		2.08	100	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.05 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3738

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	100	2.5	0.2	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.68		2.53	106	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.11 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3739

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	92	2.5	0.21	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.45		2.54	96	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.14 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3742

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	24	1.1	0.09	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.07		1.11	97	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3743

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	14	0.92	0.074	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	0.841		0.921	91	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: 13-Mar-07
Date Analyzed: 13-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.11 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3746

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	92	2.4	0.19	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.54		2.4	106	76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: HCG070314-4MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Mar-07
Date Analyzed: 14-Mar-07

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3766

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	0.466		0.5	93	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3771

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	50	98	12	0.99	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	12.8		12.2	105	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.04 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3774

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	62	2.2	0.18	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.11		2.23	95	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.05 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3772

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	50	160	20	1.6	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	20.6		19.7	104	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.05 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3775

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	73	1.8	0.15	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	1.74		1.81	96	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3791

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	50	150	27	2.1	H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	27.2		26.6	102	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3790

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1	110	2.2	0.17	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	2.22		2.16	103	76 - 112

Data Package ID: *HCG0703089-2*

Gasoline Range Organics

Method SW8015B

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: HCG070313-2LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/13/2007
Date Analyzed: 03/13/2007
Prep Method: SW5030B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3735

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	4.67	0.5		93	79 - 118%

Lab ID: HCG070313-2LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/13/2007
Date Analyzed: 03/13/2007
Prep Method: SW5030B

Prep Batch: HCG070313-2
QCBatchID: HCG070313-2-1
Run ID: HCG070313-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3736

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	5

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		93		76 - 112

Data Package ID: *HCG0703089-1*

Gasoline Range Organics

Method SW8015B

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: HCG070314-4LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: SW5030B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3767

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	4.85	0.5		97	79 - 118%

Lab ID: HCG070314-4LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: SW5030B

Prep Batch: HCG070314-4
QCBatchID: HCG070314-4-1
Run ID: HCG070314-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3770

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	5	5.15	0.5		103	20	6

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	94		92		76 - 112

Data Package ID: *HCG0703089-2*

Paragon Analytics

Total Extractable Hydrocarbons (Diesel) Case Narrative

S.M. Stoller Corporation

SJC Well 3 -- 4165-030

Order Number - 0703089

1. This report consists of 12 sludge samples. The samples were received cool and intact by Paragon on 03/13/07.

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 0703089-4 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within the acceptance criteria.

8. All samples were extracted and analyzed within the established holding time.

9. All surrogate recoveries were within the acceptance criteria.

10. Sample 0703089-10 was analyzed at a dilution in order to bring the target analyte within the calibration range of the instrument. The reporting limits have been adjusted accordingly.

11. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

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

Dan Shenerman for J.F. — 03-26-07
Jay Fielding — Date
Fuels Analyst

CK — 03-23-07
Reporter's Initials — 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: 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

Diesel Range Organics

Method SW8015MB

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: EX070314-4MB

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Mar-07
Date Analyzed: 14-Mar-07

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28584

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	11.1		12.5	88	47 - 142

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28585

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	3200	25	8.2	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	64.9		61.3	106	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.03 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28586

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	4200	27	8.8	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	69		66.3	104	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28587

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	2800	28	9.3	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	74.9		70.1	107	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.3 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28591

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	1300	12	4.2	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	33.1		31.2	106	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28594

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	770	9.4	3.1	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	23.9		23.5	102	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.4 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28595

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	4600	23	7.6	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	59.4		56.8	104	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.03 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28596

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	4500	27	8.9	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	69.8		66.5	105	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 14-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.04 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28597

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	720	20	6.6	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	50.5		49.7	102	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070315-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.01 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28608

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	5	8000	95	32	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	46		47.6	97	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070315-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.1 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28606

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	4900	27	9	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	69.9		67.4	104	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: 14-Mar-07
Date Analyzed: 15-Mar-07
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070315-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.12 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28607

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	3400	22	7.3	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	54.7		54.8	100	47 - 142

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

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: EX070316-2MB

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

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28616

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	10.4		12.5	84	47 - 142

Data Package ID: *HCD0703089-2*

Diesel Range Organics

Method SW8015MB

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: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.01 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28618

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	1	2800	12	4.1	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL	31.8		30.5	104	47 - 142

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

Data Package ID: *HCD0703089-2*

Diesel Range Organics

Method SW8015MB

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: EX070314-4LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28582

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	50	54.3	5		109	43 - 139%

Lab ID: EX070314-4LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/14/2007
Date Analyzed: 03/14/2007
Prep Method: METHOD

Prep Batch: EX070314-4
QCBatchID: EX070314-4-1
Run ID: HCD070314-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28583

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
68334-30-5	Diesel Range Organics	50	53.7	5		107	20	1

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
84-15-1	O-TERPHENYL	12.5	92		92		47 - 142

Data Package ID: *HCD0703089-1*

Diesel Range Organics

Method SW8015MB

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: EX070316-2LCS

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/16/2007
Date Analyzed: 03/16/2007
Prep Method: METHOD

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28614

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	50	51.2	5		102	43 - 139%

Lab ID: EX070316-2LCSD

Sample Matrix: SLUDGE
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/16/2007
Date Analyzed: 03/16/2007
Prep Method: METHOD

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 20 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F3F28615

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
68334-30-5	Diesel Range Organics	50	49.7	5		99	20	3

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	87		85		47 - 142

Data Package ID: *HCD0703089-2*

Diesel Range Organics

Method SW8015MB

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-030907-04
LabID: 0703089-4MS

Sample Matrix: SLUDGE
% Moisture: 59.1
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.03 g
Final Volume: 5 ml
Result Units: mg/kg
File Name: F3F28619

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	2800	D	2930		12.2	122	90	43 - 139%

Field ID: PP1G-030907-04
LabID: 0703089-4MSD

Sample Matrix: SLUDGE
% Moisture: 59.1
Date Collected: 09-Mar-07
Date Extracted: 16-Mar-07
Date Analyzed: 16-Mar-07
Prep Method: METHOD

Prep Batch: EX070316-2
QCBatchID: EX070316-2-1
Run ID: HCD070316-3A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 20.06 g
Final Volume: 5 ml
Result Units: mg/kg
File Name: F3F28620

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
68334-30-5	Diesel Range Organics	2960		122	118	12.2	20	1

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
84-15-1	O-TERPHENYL	30.5	103		103		47 - 142

Data Package ID: *HCD0703089-2*