

FINAL DRAFT
SAMPLING AND ANALYSIS PLAN
New Mexico Drilling Reserve Pit Characterization Plan

February 2, 2007

Prepared for:

NM Industry Committee - Joint Defense Agreement

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Sampling and Analysis Plan, New Mexico Drilling Reserve Pit Characterization

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1.0 Introduction

This *Sampling and Analysis Plan* (SAP) describes a two-phase sampling program of drilling reserve pits in the state of New Mexico. The initial phase of sampling, as principally described in this plan, will focus on sampling and characterization of the contents of two typical reserve pits. One of the selected reserve pits will be typical of pits of the Permian Basin in southeastern New Mexico and a second reserve pit will be typical to those pits located in the San Juan Basin of northwestern New Mexico.

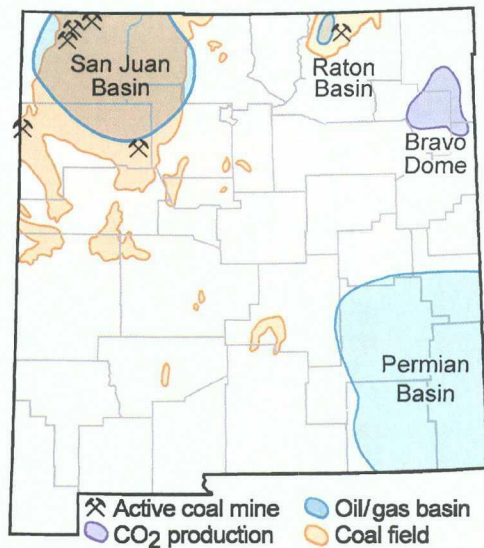
The sampling and characterization will determine the presence of and concentration of potential constituents of concern (COCs) relevant to considerations for the closure of reserve pits. Following a review of the results of the Phase 1 sampling and analysis of the samples collected from the initial two pits, the sampling protocols, the number of samples and analyte list may be revised as appropriate to implement the second phase of reserve pit characterization. The Phase 2 pit sampling and characterization includes the sampling and characterization of up to an additional 18 pits which will be divided equally between areas of southeastern New Mexico (Permian Basin) and northwest New Mexico (San Juan Basin). The complete results of Phase 1 and Phase 2 characterization sampling will include a total of 20 pits, 10 located in the San Juan Basin and 10 pits located in the Permian Basin.

The purpose of this SAP is to principally describe the initial sampling plan for two reserve pits, state the Data Quality Objectives (DQO), sampling and sample handling procedures, the analytical data evaluation process, and the final data report. This SAP is subject to revision and modification of characterization and sampling protocols upon the completion of Phase 1 sampling and characterization evaluation.

2.0 Background

The NM Industry Committee under a JDA has requested S. M. Stoller Corp. to conduct sampling of typical drilling reserve pits in the State of New Mexico to determine the presence and typical concentration of potential COCs relevant to considerations for closure of drilling reserve pits. This work is undertaken in response to changes proposed by the State of New Mexico Oil Conservation Division (NMOCD) with respect to the State of New Mexico regulations controlling the final disposition and closure of drilling reserve pits.

There are generally two oil and gas drilling and production areas in NM that each have distinct geology and drilling conditions which will be reflected by differences in potential COCs being present in the pits following drilling. The San Juan Basin area is located in the northwest part of the state extending into Colorado, and the Permian Basin area is located in the southeast part of the state extending into Texas. Drilling in the San Juan basin is typically 600 – 9,000 ft deep and is primarily natural gas development. Drilling in the Permian Basin is typically for oil, producing from depths of 7,000+ feet. The sampling program will examine these two areas separately in order to identify specific potential COCs for each area and to determine any important differences between the pit contents in each area.



Source: <http://geoinfo.nmt.edu/resources/petroleum/home.html>

Figure 1. State of New Mexico Oil/Gas Basins

3.0 Data Quality Objectives

Data Quality Objectives (DQO) are qualitative and quantitative statements derived from a rigorous evaluation of how the data will be used for later decision making. The DQOs for this sampling event are:

- To determine representative concentration of constituents of concern (COCs) for a reserve pit considering the potential spatial variability of concentrations within the mud,
- To characterize the variability of COC concentrations for drilling reserve pits for each of the two general drilling areas being studied in the State of New Mexico.
- To assess leachability of the possible COCs in the reserve pit matrix to assist in future risk assessment.

The first DQO requires that a procedure be developed and validated to reliably characterize representative concentrations of COCs for a reserve pit acknowledging that there is probable spatial variation (e.g., horizontal) of COC concentrations within the reserve pit. Representative concentrations of COCs are required to support the second DQO.

The second DQO requires that the sampling program include enough reserve pits to draw statistically valid inferences about the variability of COC concentrations, taking into account known variations in factors affecting the COC input to the pits such as drilling fluids used, additives, formations drilled, formation fluids encountered, rig operations and drilling practices.

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The third DQO reflects the need to understand how the potential COCs may move through the environment by assessing the ability of the potential COC to be mobilized by leaching using EPA's conservative TCLP procedure.

4.0 Sampling Program

The sampling program will be conducted in two phases. The initial phase comprises a sampling and analysis effort to collect information for two reserve pits, one in each drilling area. This initial effort will provide for development of the sampling methodology and provide for evaluation of the initial results prior to Phase II sampling of the additional 18 pits. The experience gained during sample collection and analysis of the initial samples will provide the basis for any required revisions to the sampling plan for Phase II or changes to laboratory protocol for preparation or analysis of the samples. The initial information on the presence and concentration of COCs in reserve pits will determine if any changes to the sample requirements for Phase II are necessary. During the schedule period for the initial sampling and analysis, selection of the additional 18 pits can be made, information gathered, and arrangements made with participating oil and gas companies for access to particular well sites.

During Phase I sampling, ten locations will be sampled from each pit. The typical spatial arrangement of sample locations is shown in Figure 2. This arrangement covers the entire pit area in a regular and reproducible pattern to provide information on the variability of COC concentrations around the pit. Assuming there may be stratification of the pit contents, material will be collected at each location from the entire depth of the pit and composited. Several methods of collecting sample material will be tried, and variation in the method(s) may be required depending upon the fluidity of the pit contents with depth. The intent is to collect a sample representative of the average over the entire pit depth at each location. These samples will be split and analyzed for the total concentration of COCs and by TCLP. For each pit sampling event, a quality control (QC) sample will be collected (duplicate/rinsate/field blank). QA/QC requirements will be addressed in more detail in Section 9.

The spatial arrangement of the sample collection points will provide information on the variability of potential COC concentrations in the pits. The ten locations in each pit will be selected based on the accumulation of solids within the pit. The location of the sampling points will also consider the position of discharge points to the pit such as the shale shaker and other points of discharge as appropriate. The location of the sampling points will be documented by field survey and temporarily marked where possible.

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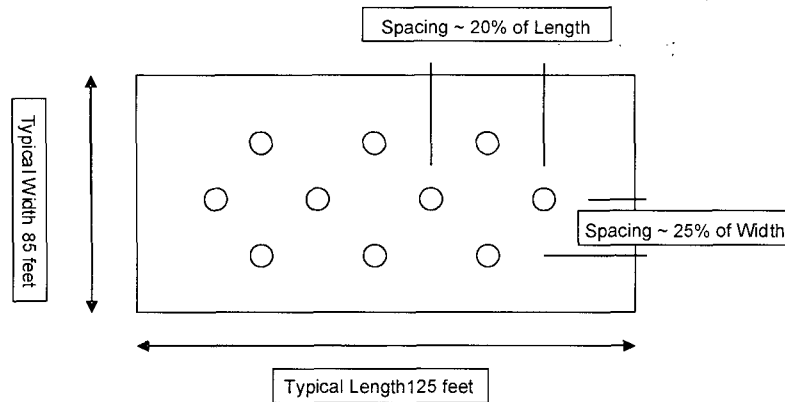


Figure 2. Location of sample collection from reserve pits.

It is expected that information on the locations of equipment and operations around the site will be provided by the company responsible for the pit. In particular, the locations of feeds to the pit during drilling: where the shale shaker discharged to the pit and any other information that may pertain to variation of the pit's contents will be valuable.

5.0 Work Schedule

Phase 1 of the SAP is scheduled in early February 2007. The Phase 1 laboratory results are expected to be available in early March 2007. Phase 2 sampling is scheduled in March 2007. The draft data report is anticipated to be completed in May 2007.

6.0 Reserve Pit Selection Criteria

Selection criteria for the initial 2 reserve pits to be sampled are:

- 1) Location of one pit in each of the two drilling areas,
- 2) Representativeness of each pit for most typical drilling conditions and type of production in the drilling area,
- 3) Accessibility of the pit for immediate sampling (physical accessibility of site, access and sampling permission, completed drilling and completion activities, and open state of the pit).

Selection criteria for the 18 additional reserve pits to be sampled are:

- 1) Location of 9 reserve pits in each of the two drilling areas,
- 2) Representative sampling of pits covering the range of drilling and completion conditions and type of production in each drilling area,
- 3) Accessibility of the pits for sampling during the scheduled sampling period (physical accessibility of site, permission, completed drilling and completion activities, and open state of the pit).

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Identification of pits meeting these criteria will require information from the oil and gas companies concerning the availability of open pits meeting these requirements. The selection should be made in consultation with representatives of the owners of the pits familiar with the site and drilling operations at the site. If possible, these same representatives should accompany the sampling crew during sampling at the selected sites.

7.0 Field Activities

The on-site sampling activities are described in the following paragraphs and will comply with the task-specific requirements of the Health and Safety Plan. A representative of the oil and gas company owning the pit and familiar with the drilling operations at the site will accompany the sampling crew during the sampling operation.

A minimum three-man sampling crew will mobilize to the site with all equipment, materials, and supplies necessary to perform the work. Personnel will include a task manager and two sample technicians. All sampling personnel will be experienced in field sampling. Sampling activities at each location will be documented in chronologic field notes and reported in a daily morning report distributed to Stoller project management. The sampling operation will be documented with photographs showing the state of the site and pit, the sampling operations, and sample locations.

The task manager will review and document the condition of the pit, determine the approximate depth of the pit contents and identify the prior location of drilling equipment and discharge points to the pit during drilling of the associated well. Locations for sampling will be selected based on the site layout and pit conditions, and documented. The sampling locations will be surveyed by GPS or other suitable survey method and documented in the site log-book. In addition, a sketch map will also be included in the field documentation showing the pit and relative locations of the samples. The sampling locations will be identified and the locations temporarily marked via stakes or PVC pipe where possible.

The sampling technicians will don appropriate safety equipment and PPE prior to conducting sampling activities. It is expected access to the surface of the pit contents will require a small boat. The boat will be moved and positioned by attached rope(s) or by poling from the boat. Several methods may be employed to collect the vertical composite samples at a specified location within the pit based on the nature of the material to be penetrated. Three principal sampling methods that have been identified are as follows:

1. Disposable bailer type sampler may be used for samples that are of lesser viscosity (i.e. comprised mostly of fluid) the bailer type sampler will be used to collect vertical grab samples from the designated locations across the pit beginning with the estimated top of the solids surface to a point where the pit liner is encountered. The integrity of the pit liner will be maintained and no attempt will be made to advance the sampler below the liner. Upon collection of the sample the contents of the bailer will be composited by field technicians and placed into the appropriate sample containers. The samples will be securely stored and maintained under established chain of custody protocols.

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2. Continuous core samplers will be used in areas of the pit where the sample matrix allows for the direct penetration of a sampling sleeve and core barrel. The continuous coring device will be used to collect vertical grab samples from the designated locations across the pit. Samples will be collected beginning with the estimated top of the solids surface to a point where the pit liner is encountered. The integrity of the pit liner will be maintained and no attempt will be made to advance the sampler below the liner. Upon collection of the sample the contents of the coring tool will be composited by field technicians and placed into the appropriate sample containers. The samples will be securely stored and maintained under established chain of custody protocols.
3. Soil augers may be used in areas of the pit where the matrix to be sampled is somewhat more indurated requiring an auger to penetrate the material. The soil auger will be used to collect vertical grab samples from the designated locations across the reserve pit. Samples will be collected beginning with the estimated top of the solids surface to a point where the pit liner is encountered. The integrity of the pit liner will be maintained and no attempt will be made to advance the sampler below the liner. In areas where the augered hole is prone to collapse, a PVC liner may be advanced along with the augered hole to ensure that a representative sample is obtained. The contents of each run of the soil auger will be composited by field technicians and placed into the appropriate sample containers. The samples will be securely stored and maintained under established chain of custody protocols.

Multiple sampling techniques as described above may be used within a single pit based on the conditions present at the specific sampling location. The goal is to obtain samples generally representative of the vertical profile, top to bottom at the sampling location. Where possible separate samples will also be collected in appropriate containers and analyzed on site for physical parameter analysis (pH, EC, etc.). The results of on-site analysis will be documented on the individual sample collection log for the sample. All excess sample material will be returned to the pit. After the sample containers are sealed, the exterior of the containers will be cleaned prior to labeling. Sample labels will be applied, and the containers will be placed into the appropriate storage cooler(s). Samples will be handled in accordance to laboratory specified protocols for storage and shipping.

8.0 Health and Safety

All field personnel will be fully trained in health and safety procedures, and the field activities will be conducted in conformance with the Stoller Health and Safety Plan and the associated Job Hazard Analysis. The execution of all work on the oil and gas company site will also comply with company specific training requirements and site safety requirements that pertain to the specific site as provided by the well operator.

9.0 Decontamination and Waste Management

Reusable tools and equipment will be decontaminated as necessary using both dry methods and washing. Drilling mud removed from the sampling tools as well as wash water (including soap or detergent), will be disposed to the reserve pit. All solid waste generated on-site during sampling, including disposable sampling equipment, will be collected and removed from the site for proper disposal.

10.0 Analytical Program

The target analytes for each sample are listed in Table 1. The beginning of this table provides analytes as taken from the proposed New Mexico list of regulated analytes, and several indicator analytes/analyses have been added to complete the characterization suite. In addition to the listed target and indicator analytes the analytical laboratory will report other detectable analytes identified under the subject EPA methods SW846 8260 and SW846 8270. All samples collected are to be submitted to the laboratory for 30 day turnaround times.

Table 1. Analyte List		
State of New Mexico Constituent-of-Concern	Laboratory Analysis	Method
Arsenic (As)	Metals	SW846 6010/7471
Barium (Ba)		
Cadmium (Cd)		
Chromium (Cr)		
Copper (Cu)		
Iron (Fe)		
Lead (Pb)		
Manganese (Mn)		
Total Mercury (Hg)		
Selenium (Se)		
Silver (Ag)		
Zinc (Zn)		
Uranium (U)	Uranium	SW846 6020
Radioactivity: Combined Radium-226 and Radium-228	Radium 226/228	903.1/901.1
Cyanide (CN)	Cyanide	SW846 9014
Chloride (Cl)	Chloride, Fluoride, Sulfate	EPA 300, SW846 9056
Fluoride (F)		
Sulfate (SO4)		
Nitrate (NO3 as N)	Nitrate as N	EPA 300, SW846 9056
Polychlorinated biphenyls (PCBs)	PCBs	SW846 8082
Toluene	GCMS Volatiles	SW846 8260
Carbon Tetrachloride		
1,2-dichloroethane (EDC)		
1,1-dichloroethylene (1,1-DCE)		
1,1,2,2-tetrachloroethylene (PCE)		
1,1,2-trichloroethylene (TCE)		

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Ethylbenzene		
total xylenes		
methylene chloride		
Chloroform		
1,1-dichloroethane		
ethylene dibromide (EDB)		
1,1,1-trichloroethane		
1,1,2-trichloroethane		
1,1,2,2-tetrachloroethane		
vinyl chloride		
PAHs: total naphthalene plus monomethylnaphthalenes		
benzo-a-pyrene	GCMS Semi volatiles	SW846 8270
Phenols		
Additional Analytes	Laboratory Analysis	Method
BTEX	BTEX via GCMS Volatiles + Benzene	SW846 8260
Gasoline Range Organics	Gasoline Range Organics	SW846 8015
Diesel Range Organics	Diesel Range Organics	SW846 8015
Oils and Grease	Oils and grease	1669071
Toxicity Characteristic Leaching Procedure (TCLP)	Laboratory Analysis	Method
TCLP Volatiles	GCMS Volatiles	SW846 8260
TCLP Semi volatiles	GCMS Semi volatiles	SW846 8270
TCLP Metals	Metals	SW846 6010/7471
Physical Parameters	Laboratory Analysis	Method
Moisture Content	Percent Moisture	ASTM 2216-92
EC (Electrical Conductivity)		
pH		
Optional Parameters	Laboratory Analysis	Method
Exchangeable Sodium Percentage (ESP)	TBD	Optional
Sodium Absorption Ratio (SAR)	TBD	Optional

11.0 Quality Assurance

Field Activity QA/QC

Field notes will be recorded for all field sampling operations, including photographs of the site, pit, and sampling operations.

Sampling QA/QC

Samples will be collected in conformance with good, standard practice and all requirements of the laboratory doing the analysis. Reusable sampling equipment will be decontaminated in accord with standard requirements and procedures. Chain-of-custody procedures will be followed for all samples, controlling the samples from the field to the laboratory.

A Quality Assurance sample consisting of one of the following, duplicate, field blank or rinsate will be collected for each pit sampling event. Regardless, a quality assurance sample will be

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submitted for each sampling event and a minimum of one QA sample will be collected for every 20 samples that may be collected as part of a single pit sampling event. Laboratory supplied trip blanks will be included with each sample shipment to the laboratory.

Laboratory Data QA/QC

Data received from the analytic laboratory will undergo validation review for accuracy and reliability. Results and findings of the data validation process will be summarized in the data report.

12.0 Reporting

Results and findings of this study will be summarized in a data report. This report will include listings of the pits samples, maps showing the pit locations, information on each pit including dimensions, condition, local ground surface conditions, condition of the material in the pit, drilling equipment layout determined on site, and information on the well/drilling program for which the pit was used. For each pit, a listing of the pit samples taken, sample locations within the pit, and sample depths will be specified.

All sampling results will be reported in one table, and a summary table will also be developed presenting an estimate of the mean, variance, range, and 90% confidence interval of concentrations for each analyte. Physical parameters (pH, EC, etc.) will also be documented.

Appendix A. Health and Safety Plan

S.M. STOLLER CORPORATION GENERAL HEALTH AND SAFETY PLAN

Project Location:	State of New Mexico
Task Name:	Joint Defense Agreement Environmental Committee New Mexico Mudpit Characterization Project
Duration of Activities:	Duration of contract. This HASP will be modified, as necessary, if new tasks are added.

APPROVALS

<i>Title/Organization:</i>	<i>Printed name:</i>	<i>Signature:</i>	<i>Date:</i>
Project Manager	John McCord		
Site Supervisor	Jeff Wurtz		
Corporate Health and Safety Manager	Darin Dobbins		

SCOPE OF WORK

The objective of the New Mexico Mudpit Characterization Project is to safely sample and analyze existing oil and gas company mudpits in the northwest New Mexico (San Juan Basin) and in southeast New Mexico (Permian Basin). A three to four man crew will mobilize to each site with the equipment, materials and supplies for sampling. A total of twenty samples will be taken, ten from each region.

PERSONNEL

<i>Assigned Responsibility:</i>	<i>Name and Organization:</i>	<i>Phone Number:</i>
Project Manager	John McCord	(702) 295-1881
Site Supervisor	Jeff Wurtz	(702) 295-1888
Sampling Technician	Cathleen Birney	(702) 295-2033
Sampling Technician	Ralph Rupp	(303) 546-4321

TASK HAZARD ANALYSIS

Task-specific hazard control measures are specified in each Task Hazard Analysis (THA). THAs have been developed for the following activities and are included as Attachments. Activities with procedures have hazard abatement incorporated into the procedure and do not have THAs.

<i>Activities with a THA:</i>	
Mobilization	
Sampling Activities	
Demobilization	

PERMITS

(Required permits or authorizations must be signed before work commences.)

Permit:	No	Yes	Notes and Comments:
Hot Work	X		Hot work is not anticipated. Any hot work will be conducted by the client or their designee.
Rad Worker	X		Conditions identified on site do not warrant this permit.
Confined Space	X		This type of work is not anticipated. If confined space work is to be conducted, a permit system will be utilized and the Health and Safety Manager notified.
Lockout/Tagout	X		This is not anticipated to be necessary at this project.
Excavation/Intrusive Soil Activity	X		Excavation or additional intrusive soil activity is not anticipated. If this work is undertaken, a separate procedure or THA will be generated to address the hazards and the Health and Safety Manager notified.
Other:		X	Owners or operators of well sites are required to authorize access to sites for the purpose of sampling. Documentation of such approval shall be documented prior to conducting work activities.

PERSONAL PROTECTIVE EQUIPMENT

The following personal protective equipment (PPE) will be used for the identified activities.

Activity	Head/Face	Foot	Hands	Respiratory	Clothing
Sampling	Hard Hat Safety glasses Splash Shield for spraying operations	Sturdy, over the ankle leather or rubber safety toe boots. Latex boot covers if desired	Synthetic gloves (nitrile)	N/A	Level D Work Clothes, Fire Resistant Clothing (FRC) if required by operator
General Maintenance, Mobilization and Demobilization	Hard Hat Safety glasses	Sturdy, over the ankle safety toe boots. Latex boot covers if desired	Leather or cotton work gloves Synthetic gloves (nitrile) as appropriate	N/A	Level D Work Clothes, Fire Resistant Clothing (FRC) if required by operator

Visitor	Hard Hat Safety glasses	Sturdy, over the ankle safety toe boots. Latex boot covers if desired	NA unless touching equipment		Pants and minimum short sleeve shirt, Fire Resistant Clothing (FRC) if required by operator
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Note:

The following competent person certifies that a hazard assessment for the identified activities has been performed and the selection of personal protective equipment is based on best available information.

Printed Name:	Signature:	Date:
Jeff Wurtz		

TASK HAZARD(S) SUMMARY

The potential health and safety hazards of these tasks are summarized below. The potential for encountering these hazards is ranked (high, medium, or low) based on the work to be performed and the hazard control measures to be used.

Summary	Hazard Potential (High, medium, or low)	Description of potential hazards (List each potential hazard)
☒ Safety <i>Walking and working surfaces, falls, power and hand tools, materials handling, boat and winching operations</i>	Medium	Slips, trips or falls due to uneven walking surface or wet/snow/icy conditions, hand tool usage, improper winching and or boat entrance/exit.
☐ Utilities <i>Buried, overhead, or in general work area</i>		
☒ Chemical <i>Identify chemicals of concern here, and attach MSDSs</i>	Low	Possibly chemicals procured for maintenance or sample preparation.
☒ Physical <i>Cold Stress</i>	Medium	Hypothermia and/or frostbite may become an issue when working outside for extensive periods of time.
☒ Biological <i>Plants, animals, insects, spiders, infectious waste</i>	Medium	Spiders/insects will be present, and possibly animals such as raccoons, foxes, coyotes, and squirrels.
☐ Other		

Comments or special instructions:

SITE CONTROL

(Task-specific site control measures are specified below)

Site Control for General Work Area(s)	
Location:	Site Control Procedure (discuss important elements such as signs, barricades, fencing, briefings, sign-in/out logs, etc.)
	Individual time in the work areas will be documented in log books or a sign-in log. A daily tailgate meeting will be completed for activities conducted at the site.

COMMUNICATIONS

(A primary and back-up means of communications for field crews have been established as described below)

Type of communication	Primary means	Back-up means
Communications with home base	Cell phones Main office -	None
Communications among field crew members	Hand signals, 2 way radios or voice communications	None
Communications with client	Cell phones	None

MEDICAL SURVEILLANCE AND QUALIFICATION

The following medical surveillance is required for on-site personnel working in the field.

Required medical surveillance:	Job-specific medical testing:
<u>NA</u> Hazardous Waste <u>NA</u> Respirator Use <u>NA</u> Hearing Conservation _____ Other:	Describe: NA

HAZARDOUS CHEMICALS

Hazardous chemicals (as defined in 29 CFR 1910.1200) to be brought or used on-site are identified below. This chemical inventory will be maintained and Material Safety Data Sheet(s) shall be maintained on the site.

Chemical Name	Amount	Location	Purpose
NA	NA	NA	NA

REQUIRED FACILITIES AND EQUIPMENT*The following facilities and equipment are required for safe completion of work.*

Facility	Type	Location
____ Worker Showers/Lockers		
☒ Restrooms		Off site if not made available at the well site
____ Supplementary Illumination	N/A	N/A
____ Emergency eyewash/shower	N/A	N/A
☒ First Aid Supplies	Eyewash bottle will be included in first aid kit	Vehicle
☒ Fire Extinguishers	ABC, 5 lb. minimum	Vehicle
____ Hazardous Materials Storage	N/A	N/A
☒ Spill Containment/Clean-up	N/A	N/A
____ Other:		

TRAINING*(The following training is required for on-site personnel working in the field. Copies of training certificates and training records will be kept on-site)*

____ 40-hour General Site Worker ____ 8-hour Supervisor ____ 3-day On the Job ____ 8-hour Refresher ☒ HASP Orientation ☒ First Aid ☒ CPR ____ Hazard Communication ____ Hearing conservation	Please describe: Well site operator may require company and site specific training prior to accessing or performing work on wells sites. Stoller task manager to confirm.
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EMERGENCY ACTION AND RESPONSE

Personnel responsible for coordinating emergency situations during site activity are identified below. A site map showing assembly points and directions to the authorized medical facility is attached. Documented rehearsal and critique of this plan is required at least once during the task, or more often as necessary.

Responsibility	Name	Phone Number(s)
Task Emergency Coordinator		
Client Interface		
Type/Frequency of Rehearsal	NA	

If an emergency situation develops which requires evacuation of the work area, the following steps shall be implemented.

<i>Evacuation Step</i>	<i>Methods and comments</i>
Notify affected workers	Cell phones, hand signals or voice communications.
Evacuate to safe location	Parking area, immediately off-site.
Assemble and account for workers	At parking area.
Notify emergency services	Call 911.
Complete incident report	Affected worker and /or supervisor.

Potential emergency situations and response actions are identified below:

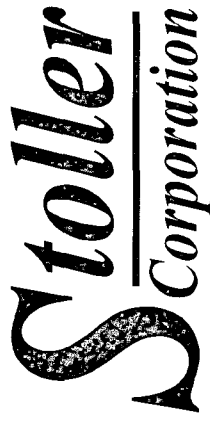
<i>In case of:</i>	<i>Response actions:</i>
Fire	911

ATTACHMENTS

Applicable attachments to the task-specific health and safety plan are identified below:

<i>Attachment Number:</i>	<i>Title:</i>
1. Task Hazard Analysis	• Task Hazard Analysis
2.	• Material Safety Data Sheets
	• Tailgate Safety Meeting Form
	• Others

Appendix B. Task Hazard Analysis



TASK HAZARD ANALYSIS FORM

Project & Location Joint Defense Agreement Environmental Committee State of New Mexico	Health and Safety Manager/Supervisor Approval Date 1/24/2007
Description of Job Field sampling/remediation: The objective of the Joint Defense Agreement Mudpit Characterization Project is to safely collect samples of drilling mud pit contents for laboratory analysis from existing oil and gas company mudpits located northwest New Mexico (San Juan Basin) and in southeast New Mexico (Permian Basin). A three to four man field crew will mobilize to each mud pit location with equipment, materials and supplies necessary for sampling. A total of twenty mud pits are anticipated to be sampled, ten from each region.	Page <u>1</u> of <u>3</u> Title of Person Who Does Job: Field Lead and Technician(s) Required PPE: Standard sturdy cloth work clothing (Note: Fire resistant clothing (FRC) may be required by specific by well operators) An ANSI approved hard hat and safety glasses will be worn at all times during operations. A face shield will be required when conducting operations requiring spraying water or using pressure washer such as equipment decontamination. When collecting samples nitrile/PVC gloves are required. Cloth or leather work gloves may be used for other work activities. Sturdy over the ankle leather or rubber boots with ANSI approved steel toe protection will be required at all times on the job site, Tyvek or latex boot covers may be used as appropriate. High-visibility safety vest is required for sites where operating heavy equipment is on-site. Required Training: CPR and First Aid Required Site Safety Equipment: Portable eye wash station, fire extinguisher, first aid kit and means of communication (e.g. telephone, radio etc.) Important Note: All Stoller work activities will be performed using a buddy system. A minimum of two Stoller field staff members will be on-site when sampling or sampling related activities are conducted.
THA Completed By Stephanie Harris	

Sequence Of Basic Job Steps	Potential Hazards	Hazard Control/PPE
Complete Tailgate Meeting Document and necessary procedure review before work 1. Mobilization of sampling equipment to the mud pit area (access/egress) and set up of sampling equipment and equipment decontamination station	Slips, trips, and falls on uneven or slippery terrain. Pinch hazards. Operating heavy equipment on site	1. High visibility safety vest required when working near operating equipment 2. Proper lifting techniques when moving sampling equipment (boat and coring equipment) 3. Good communication 2 way radios as appropriate 4. Hazard cones/flagging as appropriate in work areas 5. The Stoller field lead will coordinate anticipated work prior to conducting work with other on-site contractors to ensure that work areas/activities are understood and that work can be conducted safely
1. Collection of mud samples from existing plastic lined drilling mud pits. Samples may be collected from surface of pit where possible or from boat where necessary	Slips, trips, and falls on uneven or slippery terrain or getting into or out of boat	1. Fall protection and tie off as appropriate when working on steep lined portions of mud pits 2. Flotation device (life jacket/life ring) when sampling on fluid/mud filled pits 3. Wear appropriate sturdy, over the ankle leather or rubber boots. 4. Maintain good housekeeping. 5. Boat shall be tied off and secure while conducting sampling operations 6. After rain or snow events, extra care should be taken when walking onsite and working in excavations.
	Heat stress from wearing FRC coveralls	1. Drink plenty of fluids. 2. Take rest breaks as needed 3. Follow heat stress stay times or work/rest regimens as directed by H&S lead.
	Cold stress	1. Drink plenty of fluids. Avoid the use of alcohol, caffeine, and tobacco. 2. Wear appropriate cold weather clothing (hat, gloves, boots, etc.) Dress in layers. Adjust clothing as needed to prevent excessive sweating while working in the cold. Keep clothing dry. 3. Take warm up breaks as needed.
	Soil cave-ins in pits/trenches	1. Inspections of excavations and adjacent areas that Stoller personnel will access to facilitate sampling will be conducted daily and after rainstorm events to check for potentially hazardous conditions
	Rigging of ropes and winch lines for boat positioning	1. Ensure secure rigging of ropes to boat to allow positioning of boat 2. Use secure anchoring points capable of sustaining the expected load 3. Ropes or rigging that may extend beyond the perimeter of the mud pit area should be flagged or demarcated with safety cones 4. Prior to engaging winch under load the winch line will be fitted with sand fill bags or canvas tarp hung on winch line to prevent whipping in the event the winch line parts.

Sequence Of Basic Job Steps	Potential Hazards	Hazard Control/PPE
1. De-mobilization of sampling equipment to the mud pit area (access/egress) and set up of sampling equipment and equipment decontamination station	Slips, trips, and falls on uneven or slippery terrain. Pinch hazards. Operating heavy equipment on site	1. High visibility safety vest required when working near operating equipment 2. Proper lifting techniques when moving sampling equipment (boat and coring equipment) 3. Good communication 2 way radios as appropriate 4. Hazard cones or caution flagging as appropriate in work areas 5. All equipment shall be secure and tied down in field vehicles to avoid shifting loads

Appendix C. Analytical Requirements per Sample

PRIVILEGED AND CONFIDENTIAL

Sampling and Analysis Plan, New Mexico Drilling Reserve Pit Characterization

Appendix C. Analytical Requirements per Sample

Parameter	Matrix	Method	Sample Quantity	Container Type	Preservative	Holding Time
VOCs	Soil	EPA 8260B	8 oz.	Glass	Cold	14 Days
SVOCs	Soil	EPA 8270D	8 oz.	Glass	Cold	14 Days
PCBs	Soil	EPA 8082	8 oz.	Glass	Cold	14 Days
Metals (ICP/CVAA)	Soil	EPA 6010B / 7471A	8 oz.	Amber Glass	Cold	6 Mo / 28-Hg
Mercury	Soil	EPA 7471A	4 oz.	Amber Glass	Cold	28 Days
ICP-MS (uranium)	Soil	EPA 6020	4 oz.	Amber Glass	Cold	28 Days (can be aliquoted from 6010B bottle)
Cyanide, Total	Soil	9010A or 9010B / 9014	8 oz.	Glass	Cold	Not Specified
IC Anions: Cl, F, SO ₄ , NO ₃	Soil	EPA 9056	4 oz.	Amber Glass	Cold	28 Days (Analyzed from DI Leachate)
Percent Moisture	Soil	ASTM 2216-92	4 oz.	Glass	Cold	14 Days
Gamma Emitters - Ra-228	Soil	EPA 901.1M	100 g dried	Glass or Plastic	None	N/A
Ra-226 (Rn-Emanation)	Soil	EPA 903.1M	8 oz.	Glass or Plastic	None	N/A
TCCLP Extraction - Volatiles, ZHE	Soil	EPA 1311	4 oz.	Glass	Cold	14 days
TCCLP Extraction - SVs & Metals	Soil	EPA 1311	8 oz.	Glass	Cold	14 days
Diesel Range Organics (DRO)	Soil	EPA 8015m	8 oz.	Glass	Cold	14 Days
Gasoline Range Organics (GRO)	Soil	EPA 8015m	8 oz.	Glass	Cold	14 Days
Oil & Grease	Soil	EPA 9071	8 oz.	Glass	Cold	28 Days
Exchangeable Sodium Percentage (ESP)	Soil	Approved Lab	16 oz.	Glass or Plastic	Cold	28 Days
Sodium Absorption Ratio (SAR)	Soil	Approved Lab	8 oz.	Amber Glass	Cold	N/A



PARAGON ANALYTICS

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

March 7, 2007

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

Re: Paragon Workorder: 07-02-150
Client Project Name: LC Well 1
Client Project Number: 4165-030

Dear Mr. Wurtz:

One water, twelve solid and twelve leachate samples were received from S.M. Stoller Corporation on February 21, 2007. The samples were scheduled for the following analyses:

PCBs	pages 1-19	GC/MS Semivolatiles	pages 1-55
Metals	pages 1-52	Gamma Spectroscopy	pages 138
Inorganics	pages 1-21	Total Volatile Petroleum Hydrocarbons	pages 1-21
Oil and Grease	pages 1-8	Total Extractable Hydrocarbons (Dielsel)	pages 1-19
GC/MS Volatiles	pages 1-107		

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,

Paragon Analytics
Debbie Fazio
Project Manager

DJF/mh
Enclosure: Report

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

0702150

Control: N^o 2075

Page: 1 of 12

UGTA Project - 0210101

Analysis Request Chain of Custody Record

Site/Well Name: LC 622A Report/Bill to: STATE
 Project No.: 41165-030 Carrier/Waybill No.: 8608-1940-6670
 Sample Team: 6000-1000-0000 Lab Destination: PAH/ASD
 Project Manager: SM 0000 Lab Contact: UFAZ
 Project Contact: SM 0000 Phone No.: 702 689-0030
 Phone No.: 702 278-9580 Turn Around Time: ☒ Normal ☐ Rush
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
1 MS7-021607-1	2/16/07 1415	non-solid	GLASS	8oz	COLD	VOCs	
	2/16/07 1418	solid				SOCs, PCBs, oil and grease	
						TECP - VOCs, ZINC	
						TECP - SOCs, METALS	
						MEALS: Hg, Pb, Total Cyanide, 16 Anions, PCBs, % Moisture	
						Ra 224, Ra 228	
			POLY	16oz	COLD	ESP, SAR, pH, EC	
			GLASS	8oz	COLD	VOCs	
2 MS7-021607-2	2/16/07 1438						

Hazards: ☒ Unknown ☐ Other:Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive:QC Level: Per SW

Special Instructions/Comments:

1) Relinquished By: [Signature] Date: 2-20-07 Received By: Fed Ex Date: 2-20-07
 Signature Attribution: Time: 1500 Signature Attribution: Time: 1500

2) Relinquished By: Fed Ex Date: 2-21-07 Received By: [Signature] Date: 2-21-07
 Signature Attribution: Time: 0945 Signature Attribution: Time: 0945

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

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

Original: To accompany samples Copy: To project files

QA Review: JWatz Date: 2-20-07

Analysis Request Chain of Custody Record

Site/Well Name: LC Well 1
 Project No.: 4105-030
 Sample Team: Gordon, Lyle, Bisset, Winkler
 Project Manager: JM Lolo
 Project Contact: JL Winkler
 Phone No.: 702-278-9580

Sample Shipment Date: 2-20-07 Report/Bill to: UGTA
 Carrier/Waybill No.: 8608-1940-6670
 Lab Destination: ALAG
 Lab Contact: D. Azar
 Phone No.: 702-8689-0630
 Turn Around Time: ☒ Normal ☐ Rush

7710 W. Carey Ave.
 Las Vegas NV 89129
 Phone No.: 702-278-9580
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
MS7-021607-2	2/16/07 1443	non-solid	GLASS	8oz	Cold	SVOCs, PCBs, GLO	
						TCLP-VOCs, ZHE	
						TCLP-SVOCs, Metals	
						Total Metals, Hg, U, Cyanide, PCB	
						IC Anions, % moisture	
					NONE	Ra 226, Ra 228	
			POLY	100E	Cold	ESP, SAR, pH, EC	
			GLASS	8oz		VOCs	
MS7-021607-3	2/16/07 1530					SVOCs, PCBs, GLO	
	2/16/07 1540						

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

1) Relinquished By: <u>JL Winkler</u>	Date: <u>2-20-07</u>	Received By: <u>Fed Ex</u>	Date: <u>2-20-07</u>
Signature: _____	Time: <u>1500</u>	Signature: _____	Time: <u>1500</u>
2) Relinquished By: <u>Fed Ex</u>	Date: <u>2-21-07</u>	Received By: <u>John J. Hoff</u>	Date: <u>2-21-07</u>
Signature: _____	Time: <u>0945</u>	Signature: _____	Time: <u>0945</u>
3) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
4) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

UGTA Project 06710607 Analysis Request Chain of Custody Record

Control: **Nº 2077**
Page: **3 of 12**

Site/Well Name: LC Well 1
Project No.: 4165-032
Sample Team: Gordon Lark Baker, Warr
Project Manager: J. McLeod
Project Contact: J. McLeod
Phone No.: 702-278-9550

Sample Shipment Date: 2-20-07
Carrier/Waybill No.: 8608-1940-6620
Lab Destination: PAYAGON
Lab Contact: D. TARD
Phone No.: 770-680-0650
Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J. McLeod
SM STULLER
7710 W. GARDNER
LAS VEGAS NV 89129
Phone No.: 702-278-9580
Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
3 MS7-021607-3	2/16/07 1540	non-solid	GLASS	802	COLD	TCUP - VOCs, ZHE	
						TCUP - SVOCs, Metals	
						Total Metals, Hg, U, Total Cyanide, IC Anion, Pb, Bi, 25 inorganic	
					NONE	Ra 226, Ra 228	
			POLY	1602	COLD	ESR SAR, pH, EC	
4 MS-021607-4	2/16/07 1532		GLASS	802	COLD	VOCs	
	2/16/07 1545					SVOC - D20/GK0 DIL - GLASS	
						TCUP - VOCs, ZHE	

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

1) Relinquished By: [Signature] Date: 2-20-07 Received By: Fred Ex Date: 2-20-07
Signature Affiliation: _____ Time: 1500 Signature Affiliation: _____ Time: 1500

2) Relinquished By: Fred EX Date: 2-21-07 Received By: [Signature] Date: 2-21-07
Signature Affiliation: _____ Time: 0945 Signature Affiliation: _____ Time: 0945

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

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

Original: To accompany samples Copy: To project files

QA Review: J. McLeod Date: 2-20-07

UGTA Project - 66-16107

Control: **N0** 2078
Page: 4 of 12

Analysis Request Chain of Custody Record

Site/Well Name: Le Well
 Project No.: 4165-030
 Sample Team: Groundwater, Rock, Sediment, Water
 Project Manager: JWILLCOX
 Project Contact: JWILLCOX
 Phone No.: 702-278-9550

Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-7540-6620
 Lab Destination: PAALACON
 Lab Contact: D PAZ
 Phone No.: 970-689-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J WILLCOX
SN STULLER
7700 W. Cheyenne
Las Vegas, NV 89129
 Phone No.: 702-278-9550
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
SL 2-21-07							
MS7-021607-4	2/16/07 1545	Non-Sol	GLASS	802	CAD	TCUP - SVOCs, Metals	
						Total Metals, Hg, U, Total Cyanide, IC Anions, PCBs, % moisture	
						Re 226, Pa 228	
			POLY	1602	COLD	ESP, SAR, pH, EC	
MS7-021607-5	2/16/07 1556		GLASS	802	COLD	VOCs	
	2/16/07 1600					SVOCs, PCBs, PAHs, Gaseous	
						TCUP - VOCs, ZHE	
						TCUP - SVOCs, Metals	

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

1) Relinquished By: <u>[Signature]</u>	Date: <u>2-20-07</u> Time: <u>1:500</u>	Received By: <u>Fed Ex</u>	Date: <u>2-20-07</u> Time: <u>1:500</u>
2) Relinquished By: <u>Fed Ex</u>	Date: <u>2-21-07</u> Time: <u>0945</u>	Received By: <u>[Signature]</u>	Date: <u>2-21-07</u> Time: <u>0945</u>
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: 2-28-07

Analysis Request Chain of Custody Record

0702150 Page: 5 of 12

Site/Well Name: LC well 1
 Project No.: 4465-030
 Sample Team: Goodwin, Bill, Brian, Kevin
 Project Manager: J. McCord
 Project Contact: J. McCord
 Phone No.: 702-278-9550

Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-19466620
 Lab Destination: ACHAGON
 Lab Contact: D. Fazio
 Phone No.: 970-689-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J. McCord
 SPN: STULLOC
 710 W. Cheyenne
 Las Vegas, NV 89129
 Phone No.: 702-278-9550
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
5) MS7-021607-5	2/16/07 1600	Non-Soil Solid	GLASS	80Z	COLD	Total Metals, Hg, U, Total Cyanide, IC Anions, PCBs, Dioxins	
			↓	↓	NONE	Re 226, Re 228	
			POLY	160Z	COLD	ESP, SAR, pH, EC	
6) MS7-021607-6	2/16/07 1625		GLASS	80Z	COLD	VOCs	
	2/16/07 1628					SVOCs, DRO/GRO, Oils & Grease	
						TCLP, VOCs, ZHE	
						TCLP, SVOCs, Metals	
						Total Metals, Hg, U, Total Cyanide, IC Anions, PCBs, Dioxins	

Hazards: ☒ Unknown ☐ Other: _____

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

QC Level: PERSON

Special Instructions/Comments: _____

1) Relinquished By: <i>[Signature]</i>	Date: 2-20-07	Received By: <i>[Signature]</i>	Date: 2-20-07
Signature: <i>[Signature]</i>	Time: 1500	Signature: <i>[Signature]</i>	Time: 1500
2) Relinquished By: <i>[Signature]</i>	Date: 2-21-07	Received By: <i>[Signature]</i>	Date: 2-21-07
Signature: <i>[Signature]</i>	Time: 0945	Signature: <i>[Signature]</i>	Time: 0945
3) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____
4) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature: _____	Time: _____	Signature: _____	Time: _____

Original: To accompany samples Copy: To project files

QA Review: *[Signature]* Date: 2-20-07

Analysis Request Chain of Custody Record

Site/Well Name: LC Well 1
 Project No.: 1165-032
 Sample Team: GOSWAMI, Kulk, Bhat, Bhat
 Project Manager: JMC (C24)
 Project Contact: JMC (C24)
 Phone No.: 727-278-1580
 Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-1942-6620
 Lab Destination: Air Agent
 Lab Contact: D FADO
 Phone No.: 727-684-0630
 Turn Around Time: ☒ Normal ☐ Rush
 Report/Bill to: JMC (C24)
 SM SCHEDULE
 7710 W. Cheyenne
 Las Vegas, NV 89129
 Phone No.: 702-278-9550
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
MS7-021607-6	2/16/07 1628	non-sol solid	GLASS	802	NONE	Ra 226, Ra 228	
↓	↓	↓	PLA	1602	CO2	ESP SAR PH, EC	
MS7-021607-7	2/16/07 1650		GLASS	802	CO2	VOCs	
↓	2/16/07 1654	↓	↓	↓	↓	SUCC, DRO/GLO OIL, GREASE	
↓	↓	↓	↓	↓	↓	TCUP VOCs ZHE	
↓	↓	↓	↓	↓	↓	TCUP SUCCs METALS	
↓	↓	↓	↓	↓	↓	TOTAL METALS, HS, NH, TSS, COFIDE, IC, ANIONS, P, B, S, IS, MOISTURE	
↓	↓	↓	↓	↓	↓	Ra 226 Ra 228	

Hazards: ☒ Unknown ☐ Other
 Special Instructions/Comments:

1) Relinquished By: [Signature] Date: 2-20-07 Received By: FedEx Date: 2-20-07
 Signature Attribution: Time: 1500 Signature Attribution: Time: 1500

2) Relinquished By: FedEx Date: 2-21-07 Received By: [Signature] Date: 2-21-07
 Signature Attribution: Time: 0945 Signature Attribution: Time: 0945

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

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

Original: To accompany samples Copy: To project files

QA Review: J. Wanta Date: 2-20-07

Site/Well Name: LC Well 1
 Project No.: 4165-032
 Sample Team: Godwin, Ruff, Bickel, Miller
 Project Manager: JMC (20)
 Project Contact: JWC (20)
 Phone No.: 702-218-9580

Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-1940-6670
 Lab Destination: PALADIN
 Lab Contact: D. A. 210
 Phone No.: 972-687-0630
 Turn Around Time: ☒ Normal ☐ Rush

Report/Bill to: J. Miller
 SM STUCCO
 7712 W. Chryse
 Las Vegas, NV 89124

Phone No.: 702-218-9580
 Required Report Date: 30 DAY

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
7 MS7-021607-7	2/16/07 1654	Non-Sol G.L.W.	POLY	1602	LOW	ESP, SAR, pH, EC	
8 MS7-021607-8	2/16/07 1715		GLASS	802	LOW	VOCs	
	2/16/07 1718					SVOCS: D20/G60 D15/G60	
						TCLP: VOCs, ZNE	
						TCLP: SVOCS, Metals	
						Total Metals, Pb, Cu, Total Cyanide, IC, Heavy Metals, 9:1 moisture	
					NONE	Re 226, Re 228	
			POLY	1602	LOW	ESP, SAR, pH, EC	

Hazards: ☒ Unknown ☐ Other: _____
 Sample Disposal: ☒ By Lab ☐ Return to Client ☐ Archive
 QC Level: Per SW

1) Relinquished By: <u>[Signature]</u> Signature: Affiliation: _____	Date: 2-20-07 Time: 1500	Received By: <u>Fed Ex</u> Signature: Affiliation: _____	Date: 2-20-07 Time: 2-20-07
2) Relinquished By: <u>Fed Ex</u> Signature: Affiliation: _____	Date: 2-21-07 Time: 0945	Received By: <u>[Signature]</u> Signature: Affiliation: _____	Date: 2-21-07 Time: 0945
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: _____

Analysis Request Chain of Custody Record

Site/Well Name: LC Well 1
 Project No.: 4465 - 03c
 Sample Team: Geology, Keith Baker, Wozz
 Project Manager: J MacLeod
 Project Contact: J MacLeod
 Phone No.: 704 278 9580

Sample Shipment Date: 2-28-07
 Carrier/Waybill No.: 8608-1940-6670
 Lab Destination: PAVACOR
 Lab Contact: D. HED
 Phone No.: 910-689-0630

Report/Bill to: J MacLeod
SM STORE
7715 W. Chrysgone
Las Vegas, NV 89126
 Phone No.: 702-278-9580
 Required Report Date: 30 DAY

Turn Around Time: ☒ Normal ☐ Rush:

[illegible]

Hazards: ☒ Unknown ☐ Other:

Sample Disposal: ☒ 3a Lab ☐ Return to Client ☐ Archive:

QC Level: Dec 502

Relinquished By:

12/1/11

Date: 2-20-07
Time: 1500

Received By: Fair Ex

Date: 2-20-07
Time: 1:50

2) Relinquished By:

fed ex

Date: 2.21.07
Time: 0945

Received By: _____
 Signature: _____

Date: 2-21-07
Time: 0945

3) Relinquished By: _____
Society of Women Attorneys

Received By:

Date: _____

4) Relinquished By: _____
Signature/Attestation

Received By: _____
Signature: _____

Date: _____

Original: To accompany samples **Copy:** To project files

QA Review: J WLCB Date: 2-20-07

5/20/07

UGTA Project

Control: **Nº 2083**
 Page: **9 of 12**

Analysis Request Chain of Custody Record

Site/Well Name: Well 1 Report/Bill to: SA Sheller
 Project No.: 4165-230 Sample Shipment Date: 2-20-07
 Sample Team: Environmental Services, Inc. Carrier/Waybill No.: 8608-1940-6670
 Project Manager: J. M. Sheller Lab Destination: Enviro
 Project Contact: J. M. Sheller Lab Contact: D. E. Z. B.
 Phone No.: (714) 655-2620 Phone No.: (714) 275-5555
 Turn Around Time: ☒ Normal ☐ Rush Required Report Date: 3-6-07

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
MS7-221707-1	02/17/07 0942	AW 501	Class	50F	cel	VOL. 3	
	02/17/07 0945	501				SVOCs: ARO/ERO, oil-grease	
						TELP - VOCs, ZHE	
						TELP SVOCs, Metals	
						TELP Metals, Hg, U, Cyanide	
						Asbestos, PCBs, PAHs, PFAS	
			Poly	602	None	R4226, R4228	
			Class	180F	cel	ESP, SAR, pH + E	
			Class	50F	cel	VOL	
MS7-221707-2	2-17-07 1010						

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

1) Relinquished By: <u>[Signature]</u> Date: <u>2-20-07</u> Time: <u>1500</u> Signature Affiliation: <u>Fed Ex</u>	Received By: <u>[Signature]</u> Date: <u>2-21-07</u> Time: <u>0945</u> Signature Affiliation: <u>Enviro</u>
2) Relinquished By: <u>Fed Ex</u> Date: <u>2-21-07</u> Time: <u>0945</u> Signature Affiliation: _____	Received By: <u>[Signature]</u> Date: <u>2-21-07</u> Time: <u>0945</u> Signature Affiliation: _____
3) Relinquished By: _____ Date: _____ Time: _____ Signature Affiliation: _____	Received By: _____ Date: _____ Time: _____ Signature Affiliation: _____
4) Relinquished By: _____ Date: _____ Time: _____ Signature Affiliation: _____	Received By: _____ Date: _____ Time: _____ Signature Affiliation: _____

Original: To accompany samples Copy: To project files

QA Review: J. M. Sheller Date: 2-20-07

UGTA Project

Analysis Request Chain of Custody Record

 Control: **2084**
 070215
 09-SC 2-21-07 Page: 1 of 2

Site/Well Name: LC Well 1
 Project No.: 4165-030
 Sample Team: Cochran, Rupp, B. Wertz
 Project Manager: J. Wertz
 Project Contact: J. Wertz
 Phone No.: (702) 278-9582
 Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-1940-6670
 Lab Destination: Parsons
 Lab Contact: D. Frazier
 Phone No.: (570) 689-0630
 Turn Around Time: ☒ Normal ☐ Rush
 Required Report Date: 3/6/07
 Report/Bill to: J. Wertz
S.M. Skiller
2710 W. Chryseas
Las Vegas NV 89129
(702) 278-9582

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
MS7-021707-2	2-17-07 1013	Non-HC	glass	500	acid	SVOCs - DAO/ether oil/gases	
MS7-021707-2	2-17-07 1013					TCLP - VOCs, ZHE	
						TCLP - SVOCs + metals	
						Technical Metals Hg, U, Cyanide, Barium, PCBs, Pesticides	
					None	Residue, Residues	
			Poly	1600	acid	ESP, SAR, pH, FC	
MS7-021707-3	2-17-07 1050		glass	500	acid	VOCs	
	2-17-07 1050					SVOCs - DAO/ether oil/gases	

 Hazards: ☒ Unknown ☐ Other:

Special Instructions/ Comments:

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

 QC Level: Res. Sec.

1) Relinquished By: <u>Ally M. Wertz</u>	Date: <u>2-20-07</u>	Received By: <u>Fuel Ex</u>	Date: <u>2-20-07</u>
Signature Attribution	Time: <u>1500</u>	Signature Attribution	Time: <u>1500</u>
2) Relinquished By: <u>Fuel Ex</u>	Date: <u>2-21-07</u>	Received By: <u>Shirley</u>	Date: <u>2-21-07</u>
Signature Attribution	Time: <u>0945</u>	Signature Attribution	Time: <u>0945</u>
3) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature Attribution	Time: _____	Signature Attribution	Time: _____
4) Relinquished By: _____	Date: _____	Received By: _____	Date: _____
Signature Attribution	Time: _____	Signature Attribution	Time: _____

Original: 1 to accompany samples Copy: 1 to project files

 QA Review: J. Wertz

 Date: 2-20-07

Control: No 2085

Analysis Request Chain of Custody Record

Page: 11 of 12

Site/Well Name: LC Wall 1
 Project No.: 4165-033
 Sample Team: Goodman, Peggy, Barry, Whit
 Project Manager: J. McCall
 Project Contact: J. Whit
 Phone No.: (702) 375-9580
 Sample Shipment Date: 2-20-07
 Carrier/Waybill No.: 8608-1940-6610
 Lab Destination: Freeze cool
 Lab Contact: D. Frazee
 Phone No.: (970) 689-6630
 Turn Around Time: ☒ Normal ☐ Rush

[illegible]

Hazards: ☒ Unknown ☐ Other: _____

Special Instructions/ Comments: _____

Sample Disposal: ☒ Egg Lab ☐ Return to Client ☐ Archive: _____ QC Level: Per Saw

1) Relinquished By: <u>Jeffrey C. Lohman</u>	Date: <u>2-20-07</u>	Received By: <u>Fred Ex</u>	Date: <u>2-20-07</u>
Signature: <u>[Signature]</u>	Time: <u>1500</u>	Signature: <u>[Signature]</u>	Time: <u>1500</u>
2) Relinquished By: <u>Fred Ex</u>	Date: <u>2-21-07</u>	Received By: <u>Steve Joffe</u>	Date: <u>2-21-07</u>
Signature: <u>[Signature]</u>	Time: <u>0945</u>	Signature: <u>[Signature]</u>	Time: <u>0945</u>

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

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

Original: To accompany samples Copy: To project files

QA Review: J. McLaughlin Date: 2-28-07

UGTA Project

Control: **No 2086**

Analysis Request Chain of Custody Record **0702(50)** Page: 12 of 12

Site/Well Name: LC Well 1 Sample Shipment Date: 2-20-07 Report/Bill to: J. W. H. Jr.
 Project No.: 4165-030 Carrier/Waybill No.: 8608-1940-0670 2210 W. Chicago Ave.
 Sample Team: Lead: J. W. H. Jr., Barry, V. L. Jr. Lab Destination: Paris, France 4410 Avenue NY 8327
 Project Manager: J. W. H. Jr. Lab Contact: D. F. Jr. Phone No.: (202) 325-9583
 Project Contact: J. W. H. Jr. Turn Around Time: Normal ☐ Rush Required Report Date: 30 days

Sample Number	Collection Date/Time	Sample Matrix	Container Type	Sample Volume	Preservative	Analysis/Method	Condition on Receipt
MS7-020701-4	2-17-07 1108	new soil	glass	80g	cold	TELA - SVOCs, metals	
						Total metals, Hg, U, cyanide, amorphous PCBs - EPA method	
					none	As, Pb, Ba, Zn	
			Poly	160g	cold	ESP, SAR, pH, FC	
			Leak	500g	frustrate 2-20-07		

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

1) Relinquished By: <u>J. W. H. Jr.</u> Date: <u>2-20-07</u> Received By: <u>Fed Ex</u> Date: <u>2-20-07</u> Signature: _____ Time: <u>1500</u> Signature: _____ Time: <u>1800</u>
2) Relinquished By: <u>Fed Ex</u> Date: <u>2-21-07</u> Received By: <u>Shane J. H.</u> Date: <u>2-21-07</u> Signature: _____ Time: <u>0945</u> Signature: _____ Time: <u>0945</u>
3) Relinquished By: _____ Date: _____ Received By: _____ Date: _____ Signature: _____ Time: _____ Signature: _____ Time: _____
4) Relinquished By: _____ Date: _____ Received By: _____ Date: _____ Signature: _____ Time: _____ Signature: _____ Time: _____

Original: To accompany samples Copy: To project file
 QA Review: J. W. H. Jr. Date: 2-20-07

CONDITION OF SAMPLE UPON RECEIPT FORM

Paragon Analytics

Client: Stoller NvWorkorder No: 0702150Project Manager: DFInitials: SLDate: 2-21-07

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 <u>SL 2-21-07</u>
3. Are Custody seals on sample containers intact?	☒ NONE	☒ YES
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
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	☒ N/A	☒ YES
9. Are all aqueous non-preserved samples pH 4-9 ?	☒ N/A	☒ YES
10. Is there sufficient sample for the requested analyses?	YES	☒ NO
11. Were all samples placed in the proper containers for the requested analyses?	☒ YES	☒ NO
12. Are all samples within holding times for the requested analyses?	☒ YES	☒ NO
13. Were all sample containers received intact ? (not broken or leaking, etc.)	YES	☒ NO
14. Are all samples requiring no headspace (VOC, GRO, Rx CN/S, radon), headspace free? Size of bubble: ____ < green pea ____ > green pea	N/A	☒ YES
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
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
Cooler #:	<u>923</u>	<u>300</u>
Temperature (°C):	<u>3.0</u>	<u>5.4</u>
No. of custody seals on cooler:	<u>0</u>	<u>0</u>
External µR/hr reading:	<u>17</u>	<u>14</u>
Background µR/hr reading:	<u>14</u>	
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? ☒ YES / NO / NA (If no, see Form 008.)		

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

The following sample had time and date discrepancies:

0702150-1-2 (MS-7-021607-1) coc time + date 2-16-07 @ 1418 bottle: 2/17/07 @ 0945

↓ -2-2 (	↓ -2)	2/16/07 @ 1443	2/17/07 @ 1013
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↓ -3-2 (	↓ -3)	2/16/07 @ 1540	2/17/07 @ 1035
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↓ -4-2 (	↓ -4)	2/16/07 @ 1545	2/17/07 @ 1108
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possible limited volume on #5-8 (7 bottles total) 10-13 (6 bottles each)

Sample 2 (MS-7-021607-2) 8oz soil jar received with broken lid. lid replaced

all sample bottles in cooler 241 received above temp. (see pg) bottle #6 assigned to RAD

If applicable, was the client contacted? ☒ YES / NO / NA Contact: Jeff NantzDate/Time: 2-21-07Project Manager Signature / Date: JME for Debbie Fazio 2/22/07

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

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

CONDITION OF SAMPLE UPON RECEIPT FORM

Paragon Analytics

Client: Stoller NavarroWorkorder No: 0702150Project Manager: DFInitials: SL Date: 2-21-07

Additional Information:

Sample 0702150-4 COC ID MS-02160704, bottles MS7-021607-4
 add pH and specific conductance per J. Wurtz 2/22/07

Bottles from cooler 241 average 9.0° (due to lack of ice) as follows:

Temperature Excursion:

Paragon Sample ID	Client Sample ID	Requested Analyses	Temperature °C	Cooler Number
0702150-1-3		SVOC, metals, wc....	average 9°	241
1-5		TCLP SVOC, Met		
1-6+7		RAD		
2-3		SVOC, metals, wc....		
2-4		TCLP VOA		
2-5		TCLP SVOC		
2-6+7		RAD		
3-3		SVOC, metals, wc....		
3-4		TCLP VOA		
3-5		TCLP SVOC		
3-6+7		RAD		
4-6+7		RAD		
10-5		RAD		
13-4		Extractions		
✓ 13-5		RAD	✓	✓

If applicable, was the client contacted? YES / NO / NA

Contact:

Jeff Wurtz

Date/Time:

2/22/07

Project Manager Signature / Date:

Julie Ellington / Debbie Fazio

Paragon Analytics

Total Extractable Hydrocarbons (Diesel) Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples. The samples were received intact by Paragon on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
2. The solid 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 0702150-8 was designated as the quality control sample for this analysis. The matrix spike and matrix spike duplicate were not analyzed due to the high concentration of the target analyte in the native sample.
8. All samples were extracted and analyzed within the established holding time.
9. Surrogate recoveries were not reported for the samples due to the dilution needed to bring the target analyte into the linear range of the instrument. The surrogate recoveries for all associated QC were within the acceptance criteria.
10. All samples 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.
11. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in Paragon Analytics Standard Operating Procedure 939 Revision 2.

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

Dan Sherman
Jay Fielding for J.F.
Fuels Analyst

03-05-07
Date

EX
Reporter's Initials

03-05-07
Date

Paragon Analytics
Data Qualifier Flags
Fuels

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

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

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

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

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

Diesel Range Organics

Method SW8015MB

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-3MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 20 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28401

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	11.7		12.5	93	47 - 142

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

Page 1 of 1

Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.26 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28402

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	10	26000	190	62	D	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	46.4		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QC Batch ID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.24 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28403

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	18000	350	120	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	43.2		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.12g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28404

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	17000	340	110	D,H	

Surrogate Recovery

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

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.5g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28405

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	16000	340	110	D,H	

Surrogate Recovery

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

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.24 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28406

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	14000	280	93	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	34.7		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.2g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28407

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	19000	290	97	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	36.4		47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C36.

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.61 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28408

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	12000	220	75	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	28.1		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.18 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28411

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	4600	170	56	D,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	21.2		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 25-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.03g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28412

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	12000	300	100	C	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	38		47 - 142

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 25-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28413

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	11000	330	110	C	

Surrogate Recovery

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

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

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3	Sample Matrix: SOLID	Prep Batch: EX070222-3	Sample Aliquot: 15.5g
Lab ID: 0702150-12	% Moisture: 56.9	QCBatchID: EX070222-3-1	Final Volume: 5 ml
	Date Collected: 17-Feb-07	Run ID: HCD070224-3A	Result Units: mg/kg
	Date Extracted: 22-Feb-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 25-Feb-07	Basis: Dry Weight	File Name: F3F28414
	Prep Method: METHOD		

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	19000	300	100	C	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	37.4		47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C36.

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 25-Feb-07

Prep Method: METHOD

Prep Batch: EX070222-3

QCBatchID: EX070222-3-1

Run ID: HCD070224-3A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 15.4 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F3F28415

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
68334-30-5	Diesel Range Organics	20	9100	190	62	C	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
84-15-1	O-TERPHENYL		X	23.3		47 - 142

The chromatogram for Diesel Range Organics indicates the presence of hydrocarbons in the range of C8-C36.

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Diesel Range Organics

Method SW8015MB

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-3LCS	Sample Matrix: SOLID % Moisture: N/A Date Collected: N/A Date Extracted: 02/22/2007 Date Analyzed: 02/24/2007 Prep Method: METHOD	Prep Batch: EX070222-3 QCBatchID: EX070222-3-1 Run ID: HCD070224-3A Cleanup: NONE Basis: N/A	Sample Aliquot: 20 g Final Volume: 5 ml Result Units: mg/kg Clean DF: 1 File Name: F3F28399
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CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
68334-30-5	Diesel Range Organics	50	52.1	5		104	43 - 139%

Lab ID: EX070222-3LCSD	Sample Matrix: SOLID % Moisture: N/A Date Collected: N/A Date Extracted: 02/22/2007 Date Analyzed: 02/24/2007 Prep Method: METHOD	Prep Batch: EX070222-3 QCBatchID: EX070222-3-1 Run ID: HCD070224-3A Cleanup: NONE Basis: N/A	Sample Aliquot: 20 g Final Volume: 5 ml Result Units: mg/kg Clean DF: 1 File Name: F3F28400
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CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
68334-30-5	Diesel Range Organics	50	51.2	5		102	20	2

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	95		93		47 - 142

Data Package ID: HCD0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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Paragon Analytics

Radiochemistry Case Narrative

Gamma Spectroscopy

S. M. Stoller Corp

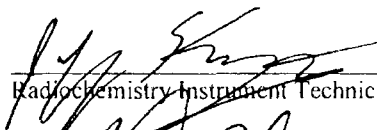
LC Well 1 / 4165-030

Paragon Work Order 0702150

1. This report consists of analysis results for 12 solid samples received by Paragon Analytics on 2/21/07. 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. These samples were sealed in steel cans on 2/23/2007 and stored for at least 9 days to allow ^{222}Rn to approach equilibrium with its progeny. The degree of ingrowth achieved prior to analysis on 3/4/2007 is at least 80.44%. Conservatively assuming a radon emanation efficiency of approximately 50%, the effective radon progeny ingrowth for these samples would be greater than 90.22%.
4. The samples were analyzed for the presence of gamma emitting radionuclides according to Paragon Analytics procedure PA SOP713R9. The analyses were completed on 3/5/07.
5. PA has observed a reproducible low bias in ^{226}Ra results (about -30% for the geometry in question) when using a mixed gamma source for the calibration of HPGe detectors for solid samples. This bias is eliminated by calibration using a NIST traceable ^{226}Ra source in the same geometry and configuration as the samples.
6. The library used for calibration and analysis employs multiple peaks for the ^{226}Ra progeny, ^{214}Pb (352 and 295 keV) and ^{214}Bi (609 and 1120 keV). Using these peaks avoids the use of the problematic ^{226}Ra photopeak at 186 keV, which suffers from poorly resolvable interference from ^{235}U at the same energy. Final activity results for ^{226}Ra are calculated, using the uncertainty-weighted mean of the activities for the four photopeaks, by the Seeker gamma spectroscopy software assuming secular equilibrium.
7. There are cases where the sample density is less than the associated calibration standard density. Cases that exceed the limit of +/- 15% of the density of the calibration standard are flagged with a 'G', denoting a significant density difference between the sample and calibration standard. Consequently, the results may be biased high for the flagged results in this workorder. If requested, Paragon Analytics can perform a transmission spike in order to estimate a magnitude of this bias. The results are reported without further qualification.
8. Because ^{228}Ra does not emit any gamma photons useful for quantification, the activity calculations are based on the energies of its progeny ^{228}Ac . The activity is calculated assuming that the two nuclides are in secular equilibrium.
9. No further problems were encountered with either the client samples or the associated quality control samples. All remaining quality control criteria were met.



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


Radiochemistry Instrument Technician

3/5/07
Date


Radiochemistry Final Data Review

3/5/07
Date

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: GS070222-4MB

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 23-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 100 minutes

Final Aliquot: 215 g

Result Units: pCi/g

File Name: 070352d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.035 +/- 0.095	0.161	U

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

M - Requested MDC not met.

B - Analyte concentration greater than MDC.

B3 - Analyte concentration greater than MDC but less than Requested MDC.

Abbreviations:

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

000003

Gamma Spectroscopy Results

PAI 713 Rev 9

Method Blank Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Lab ID: GS070222-4MB

Library: Ra228(MP)

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 23-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 100 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070352d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.06 +/- 0.16	0.29	U

Comments:

Qualifiers/Flags:

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

Abbreviations:

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

Data Package ID: GSS0702150-1

000004

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Lab ID: GS070222-4ALCS	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 215 g
Library: Ra226	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Result Units: pCi/g
	Date Collected: 23-Feb-07	Run ID: GS070222-4A	File Name: 070314d06
	Date Prepared: 23-Feb-07	Count Time: 30 minutes	
	Date Analyzed: 05-Mar-07		

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
13982-63-3	Ra-226	474 +/- 55	3	471	101	85 - 115	P,M3

Comments:

Qualifiers/Flags:

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

Abbreviations:

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

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

Data Package ID: GSS0702150-1

000005

Gamma Spectroscopy Results

PAI 713 Rev 9

Laboratory Control Sample(s)

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Lab ID: GS070222-4LCS

Library: ANALYTICAL

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 23-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 30 minutes

Final Aliquot: 215 g
Result Units: pCi/g
File Name: 070230d04

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14596-10-2	Am-241	435 +/- 52	7	462	94.0	85 - 115	P
10198-40-0	Co-60	237 +/- 28	1	246	96.5	85 - 115	P
10045-97-3	Cs-137	179 +/- 21	1	176	102	85 - 115	P

Comments:

Qualifiers/Flags:

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

Abbreviations:

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

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

Data Package ID: GSS0702150-1

000006

Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1DUP

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 95.9 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070224d04a

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	1.09 +/- 0.32	1.05 +/- 0.28	0.09	2.13	G

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC.

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

Y2 - Chemical Yield outside default limits

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

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

M - Requested MDC not met

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

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit

P - LCS Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

DER - Duplicate Error Ratio (see PAI SOP 715)

BDL - Below Detection Limit

NR - Not Reported

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

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

Data Package ID: GSS0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 95.9 g
Lab ID: 0702150-1DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070224d04

CASNO	Analyte	Sample Result +/- 2 s TPU	Duplicate Result +/- 2 s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	0.38 +/- 0.39	0.20 +/- 0.50	0.28	2.13	U,G

Comments:

Duplicate Qualifiers/Flags:

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

Abbreviations:

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

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

Data Package ID: GSS0702150-1

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Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2DUP

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 103 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070351d02A

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
13982-63-3	Ra-226	1.51 +/- 0.31	1.44 +/- 0.32	0.17	2.13	G

Comments:

Duplicate Qualifiers/Flags:

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

Abbreviations

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

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

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

Data Package ID: GSS0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gamma Spectroscopy Results

PAI 713 Rev 9

Duplicate Sample Results (DER)

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2DUP

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 103 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070351d02

CASNO	Analyte	Sample Result +/- 2s TPU	Duplicate Result +/- 2s TPU	DER	Control Limit	Lab Qualifiers
15262-20-1	Ra-228	0.23 +/- 0.58	0.69 +/- 0.60	0.55	2.13	U,G

Comments:

Duplicate Qualifiers/Flags:

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

Abbreviations:

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

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

Data Package ID: GSS0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1
Lab ID: 0702150-1

Library: Ra226

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 16-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 90.8 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070344d02a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.09 +/- 0.32	0.56	G

Comments:

Qualifiers/Flags:

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

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

Abbreviations:

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

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 90.8 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070344d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.38 +/- 0.39	0.88	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits

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

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

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 95.9 g
Lab ID: 0702150-1DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra226	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070224d04a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.05 +/- 0.28	0.44	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.	SQ - Spectral quality prevents accurate quantitation
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.	SI - Nuclide identification and/or quantitation is tentative.
Y2 - Chemical Yield outside default limits.	TI - Nuclide identification is tentative.
LT - Result is less than Requested MDC, greater than sample specific MDC.	R - Nuclide has exceeded 8 half-lives
M - The requested MDC was not met	G - Sample density differs by more than 15% of LCS density
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.	
W - DER is greater than Warning Limit of 1.42	
D - DER is greater than Control Limit of 2.13	

Abbreviations

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

Data Package ID: GSS0702150-1

000013

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1DUP

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 95.9 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070224d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.20 +/- 0.50	0.89	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

M - The requested MDC was not met.

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

W - DER is greater than Warning Limit of 1.42

D - DER is greater than Control Limit of 2.13

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

000014

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 100 g
Lab ID: 0702150-2	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra226	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 100 minutes	Result Units: pCi/g
	Date Analyzed: 05-Mar-07	Report Basis: Dry Weight	File Name: 070353d09A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.51 +/- 0.31	0.47	G

Comments:

Qualifiers/Flags:

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

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

Abbreviations:

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

Data Package ID: GSS0702150-1

000015

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 100 minutes

Report Basis: Dry Weight

Final Aliquot: 100 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070353d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.23 +/- 0.58	0.99	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits

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

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

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2
Lab ID: 0702150-2DUP

Library: Ra226

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 16-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 103 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070351d02A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.44 +/- 0.32	0.47	G

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC or less than the associated TPU.
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
Y2 - Chemical Yield outside default limits
LT - Result is less than Requested MDC, greater than sample specific MDC.
M - The requested MDC was not met.
M3 - The requested MDC was not met, but thereported activity is greater than the reported MDC.
W - DER is greater than Warning Limit of 1.42
D - DER is greater than Control Limit of 2.13

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

Abbreviations

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

Data Package ID: GSS0702150-1

000017

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Duplicate Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 103 g
Lab ID: 0702150-2DUP	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 05-Mar-07	Report Basis: Dry Weight	File Name: 070351d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.69 +/- 0.60	0.93	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

M - The requested MDC was not met

M3 - The requested MDC was not met, but 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: GSS0702150-1

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Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 105 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070225d04a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.44 +/- 0.31	0.45	G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 6 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 105 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070225d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.20 +/- 0.38	0.66	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4
Lab ID: 0702150-4

Library: Ra226

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 16-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 102 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070345d02a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.99 +/- 0.28	0.44	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.

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

Abbreviations:

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

Data Package ID: GSS0702150-1

000021

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4 Lab ID: 0702150-4 Library: Ra228(MP)	Sample Matrix: SOLID Prep SOP: PAI 739 Rev 8 Date Collected: 16-Feb-07 Date Prepared: 23-Feb-07 Date Analyzed: 04-Mar-07	Prep Batch: GS070222-4 QCBatchID: GS070222-4-1 Run ID: GS070222-4A Count Time: 60 minutes Report Basis: Dry Weight	Final Aliquot: 102 g Prep Basis: Dry Weight Moisture(%): NA Result Units: pCi/g File Name: 070345d02
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CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.27 +/- 0.53	0.91	U,G

Comments:

Qualifiers/Flags:

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

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

Abbreviations

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

Data Package ID: GSS0702150-1

000022

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 110 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070308d06a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.10 +/- 0.29	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 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 110 g
Lab ID: 0702150-5	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070308d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.58 +/- 0.54	0.84	U,G

Comments:

Qualifiers/Flags:

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

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

Abbreviations:

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

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 101 g
Lab ID: 0702150-6	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra226	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 05-Mar-07	Report Basis: Dry Weight	File Name: 070253d03A

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.25 +/- 0.31	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.

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

Abbreviations:

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

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 05-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 101 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070253d03

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.60 +/- 0.55	0.86	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 139 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070346d02a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.02 +/- 0.24	0.39	G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

St - Nuclide identification and/or quantitation is tentative

T1 - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 139 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070346d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.40 +/- 0.36	0.56	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits

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

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

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 16-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 166 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070226d04a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.01 +/- 0.22	0.29	G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met.

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative.

TI - Nuclide identification is tentative.

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 166 g
Lab ID: 0702150-8	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 16-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070226d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.25 +/- 0.35	0.58	U,G

Comments:

Qualifiers/Flags:

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

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

Abbreviations

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

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 17-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 201 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070309d06a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.57 +/- 0.16	0.26	LT

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits.

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

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

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation

SI - Nuclide identification and/or quantitation is tentative.

T1 - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 201 g
Lab ID: 0702150-10	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 17-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070309d06

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.26 +/- 0.24	0.49	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
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: GSS0702150-1

000032

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Library: Ra226

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 17-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 130 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070345d09a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.75 +/- 0.24	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 half-lives

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 130 g
Lab ID: 0702150-11	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra228(MP)	Date Collected: 17-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070345d09

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.58 +/- 0.54	0.85	U,G

Comments:

Qualifiers/Flags:

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

SQ - Spectral quality prevents accurate quantitation
SI - Nuclide identification and/or quantitation is tentative
TI - Nuclide identification is tentative.
R - Nuclide has exceeded 6 half-lives.
G - Sample density differs by more than 15% of LCS density.

Abbreviations

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

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3	Sample Matrix: SOLID	Prep Batch: GS070222-4	Final Aliquot: 151 g
Lab ID: 0702150-12	Prep SOP: PAI 739 Rev 8	QCBatchID: GS070222-4-1	Prep Basis: Dry Weight
Library: Ra226	Date Collected: 17-Feb-07	Run ID: GS070222-4A	Moisture(%): NA
	Date Prepared: 23-Feb-07	Count Time: 60 minutes	Result Units: pCi/g
	Date Analyzed: 04-Mar-07	Report Basis: Dry Weight	File Name: 070348d02a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	0.94 +/- 0.21	0.34	LT,G

Comments:

Qualifiers/Flags:

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

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

Abbreviations

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

Data Package ID: GSS0702150-1

000035

Gamma Spectroscopy Results

PAI 713 Rev 9

Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Library: Ra228(MP)

Sample Matrix: SOLID

Prep SOP: PAI 739 Rev 8

Date Collected: 17-Feb-07

Date Prepared: 23-Feb-07

Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4

QCBatchID: GS070222-4-1

Run ID: GS070222-4A

Count Time: 60 minutes

Report Basis: Dry Weight

Final Aliquot: 151 g

Prep Basis: Dry Weight

Moisture(%): NA

Result Units: pCi/g

File Name: 070348d02

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	0.49 +/- 0.38	0.58	U,G

Comments:

Qualifiers/Flags:

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

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

Y2 - Chemical Yield outside default limits

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

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

M - The requested MDC was not met

SQ - Spectral quality prevents accurate quantitation.

SI - Nuclide identification and/or quantitation is tentative

TI - Nuclide identification is tentative

R - Nuclide has exceeded 8 half-lives.

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

Abbreviations

TPU - Total Propagated Uncertainty (see PAI SOP 743)

MDC - Minimum Detectable Concentration (see PAI SOP 709)

BDL - Below Detection Limit

Data Package ID: GSS0702150-1

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
Lab ID: 0702150-13

Library: Ra226

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 17-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 141 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070227d04a

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
13982-63-3	Ra-226	1.15 +/- 0.25	0.39	G

Comments:

Qualifiers/Flags:

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

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

Abbreviations

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

Data Package ID: GSS0702150-1

000037

Gamma Spectroscopy Results

PAI 713 Rev 9
Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
Lab ID: 0702150-13

Library: Ra228(MP)

Sample Matrix: SOLID
Prep SOP: PAI 739 Rev 8
Date Collected: 17-Feb-07
Date Prepared: 23-Feb-07
Date Analyzed: 04-Mar-07

Prep Batch: GS070222-4
QCBatchID: GS070222-4-1
Run ID: GS070222-4A
Count Time: 60 minutes
Report Basis: Dry Weight

Final Aliquot: 141 g
Prep Basis: Dry Weight
Moisture(%): NA
Result Units: pCi/g
File Name: 070227d04

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Lab Qualifier
15262-20-1	Ra-228	1.00 +/- 0.34	0.53	G

Comments:

Qualifiers/Flags:

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

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

Abbreviations

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

Data Package ID: GSS0702150-1

Paragon Analytics

GC/MS Semivolatiles Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples and 12 TCLP leachates. These samples were received intact on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
2. These samples were prepared and analyzed according to SW-846, 3rd Edition protocol utilizing Paragon Analytics Standard Operating Procedures. Specifically, the solid samples were extracted using soxhlet procedures according to SW-846 Method 3540C utilizing Paragon Analytics Standard Operating Procedure 625 Revision 10.

The solid samples were tumbled according to SW-846 Method 1311 utilizing Paragon Analytics Standard Operating Procedure 609 Revision 11. This TCLP leachate was then extracted using continuous liquid-liquid extractors according to Method 3520C following Paragon Analytics Standard Operating Procedure 617 Revision 12.
3. The extracts were analyzed using GC/MS with a DB-5.625 capillary column according to Paragon Analytics Standard Operating Procedure 506 Revision 14 based on SW-846 Method 8270D. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.
4. All initial calibration criteria for SPCC's and CCC's were met. If average response factors were used in the initial calibration, %RSD was $\leq 15\%$. If linear or higher order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥ 0.99 .
5. All initial calibration standards are verified by comparing a second source standard initial calibration verification (ICV) against the calibration curve. All compounds in the second source verification had a %D of less than 25%.

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

Spiked Compound	QC Sample	Direction
Pyridine	RPD	High

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

All solid laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.

9. All solid matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria.
- All leachate matrix spike recoveries were within acceptance criteria.
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-Fluorobiphenyl	2, 4, 5, 7	High
Terphenyl-D ₁₄	2, 4, 6, 10, 11, 12, 13, 13MS, 13MSD	High

Sample 0702150-13 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. Some surrogate recoveries were found to be in control on diluted runs, showing probable matrix effects. 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:

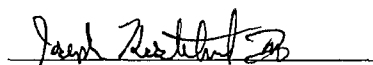
Internal Standard	Sample	Direction
Acenaphthene-D ₁₀	3	High
Phenanthrene-D ₁₀	5, 7	Low
Phenanthrene-D ₁₀	1, 13MSD	High
Chrysene-D ₁₂	5, 6, 10, 11, 12, 13, 13MS, 13MSD	Low
Perylene-D ₁₂	2, 5, 6, 7, 10, 11, 12, 13, 13MS, 13MSD	Low

Samples with internal standards out of acceptance criteria were analyzed twice at different levels of dilution. The higher dilution level showed similar or better internal standard recoveries, confirming matrix effects.

Sample 0702150-13 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. Due to the matrix, samples 0702150-2, -6, -10, -11, -12, -13, -13MS and -13MSD had an elevated final volume. Samples 0702150-1, -2, -3, -4, -5 and -12 were 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 6, 2007
Date


Reviewer's Initials

3-6-07
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: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-4MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Feb-07

Date Analyzed: 03-Mar-07

Prep Batch: EX070228-2

QCBatchID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5441

LEACH DATE: 2/27/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.632		0.75	84	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.419		0.5	84	21 - 106
367-12-4	2-FLUOROPHENOL	0.617		0.75	82	21 - 100
4165-60-0	NITROBENZENE-D5	0.415		0.5	83	34 - 111
4165-62-2	PHENOL-D5	0.617		0.75	82	15 - 104
1718-51-0	TERPHENYL-D14	0.414		0.5	83	33 - 111

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-14

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070228-2

QC Batch ID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5444

LEACH DATE: 2/27/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.671		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.416		0.5	83	21 - 106
367-12-4	2-FLUOROPHENOL	0.612		0.75	82	21 - 100
4165-60-0	NITROBENZENE-D5	0.402		0.5	80	34 - 111
4165-62-2	PHENOL-D5	0.41		0.75	55	15 - 104
1718-51-0	TERPHENYL-D14	0.4		0.5	80	33 - 111

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1
 Lab ID: 0702150-22

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 17-Feb-07
 Date Extracted: 28-Feb-07
 Date Analyzed: 03-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070228-2
 QCBatchID: EX070228-2-1
 Run ID: SV070303-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5446

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	0.711		0.75	95	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.447		0.5	89	21 - 106
367-12-4	2-FLUOROPHENOL	0.653		0.75	87	21 - 100
4165-60-0	NITROBENZENE-D5	0.432		0.5	86	34 - 111
4165-62-2	PHENOL-D5	0.647		0.75	86	15 - 104
1718-51-0	TERPHENYL-D14	0.504		0.5	101	33 - 111

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
 LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-25

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070228-2

QCBatchID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5447

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	0.419		0.5	84	21 - 106
367-12-4	2-FLUOROPHENOL	0.622		0.75	83	21 - 100
4165-60-0	NITROBENZENE-D5	0.415		0.5	83	34 - 111
4165-62-2	PHENOL-D5	0.627		0.75	84	15 - 104
1718-51-0	TERPHENYL-D14	0.452		0.5	90	33 - 111

Data Package ID: SV0702150-1

GC/MS Semi-volatiles

Method SW8270D--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070228-3MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5448

LEACH DATE: 2/28/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.597		0.75	80	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.431		0.5	86	21 - 106
367-12-4	2-FLUOROPHENOL	0.593		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.427		0.5	85	34 - 111
4165-62-2	PHENOL-D5	0.609		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.479		0.5	96	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2
 Lab ID: 0702150-15

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 16-Feb-07
 Date Extracted: 01-Mar-07
 Date Analyzed: 03-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070301-3
 QCBatchID: EX070301-3-1
 Run ID: SV070303-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5451

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	0.664		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.466		0.5	93	21 - 106
367-12-4	2-FLUOROPHENOL	0.642		0.75	86	21 - 100
4165-60-0	NITROBENZENE-D5	0.441		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.44		0.75	59	15 - 104
1718-51-0	TERPHENYL-D14	0.478		0.5	96	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3
Lab ID: 0702150-16

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5452

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	0.694		0.75	93	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.46		0.5	92	21 - 106
367-12-4	2-FLUOROPHENOL	0.651		0.75	87	21 - 100
4165-60-0	NITROBENZENE-D5	0.455		0.5	91	34 - 111
4165-62-2	PHENOL-D5	0.487		0.75	65	15 - 104
1718-51-0	TERPHENYL-D14	0.473		0.5	95	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4
Lab ID: 0702150-17

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5453

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	0.665		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.455		0.5	91	21 - 106
367-12-4	2-FLUOROPHENOL	0.621		0.75	83	21 - 100
4165-60-0	NITROBENZENE-D5	0.444		0.5	89	34 - 111
4165-62-2	PHENOL-D5	0.482		0.75	64	15 - 104
1718-51-0	TERPHENYL-D14	0.496		0.5	99	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5
 Lab ID: 0702150-18

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 16-Feb-07
 Date Extracted: 01-Mar-07
 Date Analyzed: 03-Mar-07
 Prep Method: SW3520 Rev C

Prep Batch: EX070301-3
 QCBatchID: EX070301-3-1
 Run ID: SV070303-2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 100 ml
 Final Volume: 1 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: P5454

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	0.7		0.75	93	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.448		0.5	90	21 - 106
367-12-4	2-FLUOROPHENOL	0.616		0.75	82	21 - 100
4165-60-0	NITROBENZENE-D5	0.442		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.611		0.75	81	15 - 104
1718-51-0	TERPHENYL-D14	0.477		0.5	95	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-19

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QC Batch ID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5455

LEACH DATE: 2/28/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.694		0.75	93	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.484		0.5	97	21 - 106
367-12-4	2-FLUOROPHENOL	0.657		0.75	88	21 - 100
4165-60-0	NITROBENZENE-D5	0.469		0.5	94	34 - 111
4165-62-2	PHENOL-D5	0.559		0.75	74	15 - 104
1718-51-0	TERPHENYL-D14	0.508		0.5	102	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-20

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QC Batch ID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5456

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	0.639		0.75	85	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.458		0.5	92	21 - 106
367-12-4	2-FLUOROPHENOL	0.622		0.75	83	21 - 100
4165-60-0	NITROBENZENE-D5	0.438		0.5	88	34 - 111
4165-62-2	PHENOL-D5	0.621		0.75	83	15 - 104
1718-51-0	TERPHENYL-D14	0.479		0.5	96	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-21

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5457

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	0.611		0.75	81	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.427		0.5	85	21 - 106
367-12-4	2-FLUOROPHENOL	0.584		0.75	78	21 - 100
4165-60-0	NITROBENZENE-D5	0.422		0.5	84	34 - 111
4165-62-2	PHENOL-D5	0.594		0.75	79	15 - 104
1718-51-0	TERPHENYL-D14	0.485		0.5	97	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2
Lab ID: 0702150-23

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5458

LEACH DATE: 2/28/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.668		0.75	89	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.43		0.5	86	21 - 106
367-12-4	2-FLUOROPHENOL	0.595		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.425		0.5	85	34 - 111
4165-62-2	PHENOL-D5	0.594		0.75	79	15 - 104
1718-51-0	TERPHENYL-D14	0.463		0.5	93	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID:	MS7-021707-3
Lab ID:	0702150-24

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Method: SW3520 Rev C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5459

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	0.635		0.75	85	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.411		0.5	82	21 - 106
367-12-4	2-FLUOROPHENOL	0.591		0.75	79	21 - 100
4165-60-0	NITROBENZENE-D5	0.414		0.5	83	34 - 111
4165-62-2	PHENOL-D5	0.579		0.75	77	15 - 104
1718-51-0	TERPHENYL-D14	0.445		0.5	89	33 - 111

Data Package ID: SV0702150-2

GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-5MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1424

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: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-5MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1424

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1770		2500	71	19 - 113
321-60-8	2-FLUOROBIPHENYL	1450		1670	87	30 - 105
367-12-4	2-FLUOROPHENOL	1970		2500	79	25 - 100
4165-60-0	NITROBENZENE-D5	1290		1670	77	31 - 106
4165-62-2	PHENOL-D5	2010		2500	81	24 - 104
1718-51-0	TERPHENYL-D14	1530		1670	92	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.77 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1446

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	3	16000	16000	4800	U	
95-57-8	2-CHLOROPHENOL	3	16000	16000	4900	U	
95-48-7	2-METHYLPHENOL	3	16000	16000	4800	U	
108-39-4	3+4-METHYLPHENOL	3	16000	16000	4100	U	
88-75-5	2-NITROPHENOL	3	16000	16000	4400	U	
105-67-9	2,4-DIMETHYLPHENOL	3	16000	16000	4800	U	
120-83-2	2,4-DICHLOROPHENOL	3	16000	16000	5000	U	
91-20-3	NAPHTHALENE	3	27000	16000	2800		
59-50-7	4-CHLORO-3-METHYLPHENOL	3	16000	16000	4300	U	
91-57-6	2-METHYLNAPHTHALENE	3	98000	16000	2700		
88-06-2	2,4,6-TRICHLOROPHENOL	3	16000	16000	4900	U	
95-95-4	2,4,5-TRICHLOROPHENOL	3	16000	16000	4900	U	
91-58-7	2-CHLORONAPHTHALENE	3	16000	16000	2600	U	
51-28-5	2,4-DINITROPHENOL	3	32000	32000	21000	U	
100-02-7	4-NITROPHENOL	3	32000	32000	3100	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	32000	32000	3100	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	3	16000	16000	4900	U	
87-86-5	PENTACHLOROPHENOL	3	32000	32000	3800	U	
50-32-8	BENZO(A)PYRENE	3	16000	16000	590	U	
90-12-0	1-METHYLNAPHTHALENE	3	56000	16000	2500		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.77 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1446

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15300		19700	78	19 - 113
321-60-8	2-FLUOROBIPHENYL	10300		13200	78	30 - 105
367-12-4	2-FLUOROPHENOL	10300		19700	52	25 - 100
4165-60-0	NITROBENZENE-D5	10500		13200	80	31 - 106
4165-62-2	PHENOL-D5	11100		19700	56	24 - 104
1718-51-0	TERPHENYL-D14	13800		13200	105	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.21 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1452

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	2	5200	5200	1600	U	
95-57-8	2-CHLOROPHENOL	2	5200	5200	1600	U	
95-48-7	2-METHYLPHENOL	2	5200	5200	1600	U	
108-39-4	3+4-METHYLPHENOL	2	5200	5200	1300	U	
88-75-5	2-NITROPHENOL	2	5200	5200	1400	U	
105-67-9	2,4-DIMETHYLPHENOL	2	5200	5200	1600	U	
120-83-2	2,4-DICHLOROPHENOL	2	5200	5200	1600	U	
91-20-3	NAPHTHALENE	2	13000	5200	900		
59-50-7	4-CHLORO-3-METHYLPHENOL	2	5200	5200	1400	U	
91-57-6	2-METHYLNAPHTHALENE	2	40000	5200	880		
88-06-2	2,4,6-TRICHLOROPHENOL	2	5200	5200	1600	U	
95-95-4	2,4,5-TRICHLOROPHENOL	2	5200	5200	1600	U	
91-58-7	2-CHLORONAPHTHALENE	2	5200	5200	840	U	
51-28-5	2,4-DINITROPHENOL	2	10000	10000	6900	U	
100-02-7	4-NITROPHENOL	2	10000	10000	1000	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	10000	10000	1000	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	5200	5200	1600	U	
87-86-5	PENTACHLOROPHENOL	2	10000	10000	1300	U	
50-32-8	BENZO(A)PYRENE	2	5200	5200	190	U	
90-12-0	1-METHYLNAPHTHALENE	2	51000	5200	800		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.21 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1452

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	11800		19300	61	19 - 113
321-60-8	2-FLUOROBIPHENYL	15100	*	12900	117	30 - 105
367-12-4	2-FLUOROPHENOL	10600		19300	55	25 - 100
4165-60-0	NITROBENZENE-D5	12100		12900	94	31 - 106
4165-62-2	PHENOL-D5	11500		19300	60	24 - 104
1718-51-0	TERPHENYL-D14	21200	*	12900	165	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.06 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1447

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	3	7800	7800	2400	U	
95-57-8	2-CHLOROPHENOL	3	7800	7800	2400	U	
95-48-7	2-METHYLPHENOL	3	7800	7800	2400	U	
108-39-4	3+4-METHYLPHENOL	3	7800	7800	2000	U	
88-75-5	2-NITROPHENOL	3	7800	7800	2200	U	
105-67-9	2,4-DIMETHYLPHENOL	3	7800	7800	2400	U	
120-83-2	2,4-DICHLOROPHENOL	3	7800	7800	2400	U	
91-20-3	NAPHTHALENE	3	13000	7800	1400		
59-50-7	4-CHLORO-3-METHYLPHENOL	3	7800	7800	2100	U	
91-57-6	2-METHYLNAPHTHALENE	3	49000	7800	1300		
88-06-2	2,4,6-TRICHLOROPHENOL	3	7800	7800	2400	U	
95-95-4	2,4,5-TRICHLOROPHENOL	3	7800	7800	2400	U	
91-58-7	2-CHLORONAPHTHALENE	3	7800	7800	1300	U	
51-28-5	2,4-DINITROPHENOL	3	16000	16000	10000	U	
100-02-7	4-NITROPHENOL	3	16000	16000	1500	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	16000	16000	1500	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	3	7800	7800	2400	U	
87-86-5	PENTACHLOROPHENOL	3	16000	16000	1900	U	
50-32-8	BENZO(A)PYRENE	3	7800	7800	290	U	
90-12-0	1-METHYLNAPHTHALENE	3	28000	7800	1200		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.06 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1447

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	12500		19400	65	19 - 113
321-60-8	2-FLUOROBIPHENYL	9230		12900	71	30 - 105
367-12-4	2-FLUOROPHENOL	9560		19400	49	25 - 100
4165-60-0	NITROBENZENE-D5	8800		12900	68	31 - 106
4165-62-2	PHENOL-D5	10300		19400	53	24 - 104
1718-51-0	TERPHENYL-D14	13500		12900	104	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1449

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	2	5300	5300	1600	U	
95-57-8	2-CHLOROPHENOL	2	5300	5300	1600	U	
95-48-7	2-METHYLPHENOL	2	5300	5300	1600	U	
108-39-4	3+4-METHYLPHENOL	2	5300	5300	1400	U	
88-75-5	2-NITROPHENOL	2	5300	5300	1500	U	
105-67-9	2,4-DIMETHYLPHENOL	2	5300	5300	1600	U	
120-83-2	2,4-DICHLOROPHENOL	2	5300	5300	1700	U	
91-20-3	NAPHTHALENE	2	12000	5300	920		
59-50-7	4-CHLORO-3-METHYLPHENOL	2	5300	5300	1400	U	
91-57-6	2-METHYLNAPHTHALENE	2	40000	5300	900		
88-06-2	2,4,6-TRICHLOROPHENOL	2	5300	5300	1600	U	
95-95-4	2,4,5-TRICHLOROPHENOL	2	5300	5300	1600	U	
91-58-7	2-CHLORONAPHTHALENE	2	5300	5300	860	U	
51-28-5	2,4-DINITROPHENOL	2	11000	11000	7100	U	
100-02-7	4-NITROPHENOL	2	11000	11000	1000	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	11000	11000	1000	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	5300	5300	1600	U	
87-86-5	PENTACHLOROPHENOL	2	11000	11000	1300	U	
50-32-8	BENZO(A)PYRENE	2	5300	5300	200	U	
90-12-0	1-METHYLNAPHTHALENE	2	41000	5300	820		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1449

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10200		19800	52	19 - 113
321-60-8	2-FLUOROBIPHENYL	14800	*	13200	112	30 - 105
367-12-4	2-FLUOROPHENOL	9750		19800	49	25 - 100
4165-60-0	NITROBENZENE-D5	9140		13200	69	31 - 106
4165-62-2	PHENOL-D5	10800		19800	55	24 - 104
1718-51-0	TERPHENYL-D14	16000	*	13200	121	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1451

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	2	4200	4200	1300	U	
95-57-8	2-CHLOROPHENOL	2	4200	4200	1300	U	
95-48-7	2-METHYLPHENOL	2	4200	4200	1300	U	
108-39-4	3+4-METHYLPHENOL	2	4200	4200	1100	U	
88-75-5	2-NITROPHENOL	2	4200	4200	1200	U	
105-67-9	2,4-DIMETHYLPHENOL	2	4200	4200	1300	U	
120-83-2	2,4-DICHLOROPHENOL	2	4200	4200	1300	U	
91-20-3	NAPHTHALENE	2	9700	4200	740		
59-50-7	4-CHLORO-3-METHYLPHENOL	2	4200	4200	1200	U	
91-57-6	2-METHYLNAPHTHALENE	2	34000	4200	720		
88-06-2	2,4,6-TRICHLOROPHENOL	2	4200	4200	1300	U	
95-95-4	2,4,5-TRICHLOROPHENOL	2	4200	4200	1300	U	
91-58-7	2-CHLORONAPHTHALENE	2	4200	4200	690	U	
51-28-5	2,4-DINITROPHENOL	2	8500	8500	5700	U	
100-02-7	4-NITROPHENOL	2	8500	8500	840	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	8500	8500	840	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	4200	4200	1300	U	
87-86-5	PENTACHLOROPHENOL	2	8500	8500	1000	U	
50-32-8	BENZO(A)PYRENE	2	4200	4200	160	U	
90-12-0	1-METHYLNAPHTHALENE	2	35000	4200	660		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1451

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	7070		15900	45	19 - 113
321-60-8	2-FLUOROBIPHENYL	12000	*	10600	113	30 - 105
367-12-4	2-FLUOROPHENOL	7120		15900	45	25 - 100
4165-60-0	NITROBENZENE-D5	9710		10600	92	31 - 106
4165-62-2	PHENOL-D5	8430		15900	53	24 - 104
1718-51-0	TERPHENYL-D14	11600		10600	110	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QC Batch ID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.1 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1454

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	4400	4400	1300	U	
95-57-8	2-CHLOROPHENOL	1	4400	4400	1400	U	
95-48-7	2-METHYLPHENOL	1	4400	4400	1300	U	
108-39-4	3+4-METHYLPHENOL	1	4400	4400	1100	U	
88-75-5	2-NITROPHENOL	1	4400	4400	1200	U	
105-67-9	2,4-DIMETHYLPHENOL	1	4400	4400	1300	U	
120-83-2	2,4-DICHLOROPHENOL	1	4400	4400	1400	U	
91-20-3	NAPHTHALENE	1	11000	4400	770		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4400	4400	1200	U	
91-57-6	2-METHYLNAPHTHALENE	1	42000	4400	750		
88-06-2	2,4,6-TRICHLOROPHENOL	1	4400	4400	1400	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	4400	4400	1400	U	
91-58-7	2-CHLORONAPHTHALENE	1	4400	4400	710	U	
51-28-5	2,4-DINITROPHENOL	1	8800	8800	5900	U	
100-02-7	4-NITROPHENOL	1	8800	8800	870	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	8800	8800	870	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4400	4400	1400	U	
87-86-5	PENTACHLOROPHENOL	1	8800	8800	1100	U	
50-32-8	BENZO(A)PYRENE	1	4400	4400	160	U	
90-12-0	1-METHYLNAPHTHALENE	1	27000	4400	680		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QC Batch ID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.1 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1454

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10100		16400	62	19 - 113
321-60-8	2-FLUOROBIPHENYL	8720		11000	80	30 - 105
367-12-4	2-FLUOROPHENOL	7220		16400	44	25 - 100
4165-60-0	NITROBENZENE-D5	7960		11000	73	31 - 106
4165-62-2	PHENOL-D5	8270		16400	50	24 - 104
1718-51-0	TERPHENYL-D14	23500	*	11000	215	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.04 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1428

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	3800	1700	310		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1700	1700	480	U	
91-57-6	2-METHYLNAPHTHALENE	1	14000	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	350	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	15000	1700	270		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.04 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1428

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	5630		13100	43	19 - 113
321-60-8	2-FLUOROBIPHENYL	10300	*	8720	119	30 - 105
367-12-4	2-FLUOROPHENOL	6440		13100	49	25 - 100
4165-60-0	NITROBENZENE-D5	6310		8720	72	31 - 106
4165-62-2	PHENOL-D5	7350		13100	56	24 - 104
1718-51-0	TERPHENYL-D14	9360		8720	107	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QC Batch ID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.03 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1429

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	1300	1300	390	U	
95-57-8	2-CHLOROPHENOL	1	1300	1300	400	U	
95-48-7	2-METHYLPHENOL	1	1300	1300	390	U	
108-39-4	3+4-METHYLPHENOL	1	1300	1300	330	U	
88-75-5	2-NITROPHENOL	1	1300	1300	360	U	
105-67-9	2,4-DIMETHYLPHENOL	1	1300	1300	390	U	
120-83-2	2,4-DICHLOROPHENOL	1	1300	1300	400	U	
91-20-3	NAPHTHALENE	1	1200	1300	220	J	
59-50-7	4-CHLORO-3-METHYLPHENOL	1	1300	1300	350	U	
91-57-6	2-METHYLNAPHTHALENE	1	5800	1300	220		
88-06-2	2,4,6-TRICHLOROPHENOL	1	1300	1300	400	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	1300	1300	400	U	
91-58-7	2-CHLORONAPHTHALENE	1	1300	1300	210	U	
51-28-5	2,4-DINITROPHENOL	1	2600	2600	1700	U	
100-02-7	4-NITROPHENOL	1	2600	2600	250	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2600	2600	250	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	1300	1300	400	U	
87-86-5	PENTACHLOROPHENOL	1	2600	2600	310	U	
50-32-8	BENZO(A)PYRENE	1	1300	1300	48	U	
90-12-0	1-METHYLNAPHTHALENE	1	3300	1300	200		

Data Package ID: SV0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 23-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.03 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1429

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	7420		9610	77	19 - 113
321-60-8	2-FLUOROBIPHENYL	5520		6400	86	30 - 105
367-12-4	2-FLUOROPHENOL	5500		9610	57	25 - 100
4165-60-0	NITROBENZENE-D5	4390		6400	69	31 - 106
4165-62-2	PHENOL-D5	5840		9610	61	24 - 104
1718-51-0	TERPHENYL-D14	6350		6400	99	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1455

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	5800	4600	1400		
95-57-8	2-CHLOROPHENOL	1	4600	4600	1400	U	
95-48-7	2-METHYLPHENOL	1	4600	4600	1400	U	
108-39-4	3+4-METHYLPHENOL	1	4600	4600	1200	U	
88-75-5	2-NITROPHENOL	1	4600	4600	1300	U	
105-67-9	2,4-DIMETHYLPHENOL	1	4600	4600	1400	U	
120-83-2	2,4-DICHLOROPHENOL	1	4600	4600	1400	U	
91-20-3	NAPHTHALENE	1	16000	4600	800		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4600	4600	1200	U	
91-57-6	2-METHYLNAPHTHALENE	1	42000	4600	780		
88-06-2	2,4,6-TRICHLOROPHENOL	1	4600	4600	1400	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	4600	4600	1400	U	
91-58-7	2-CHLORONAPHTHALENE	1	4600	4600	740	U	
51-28-5	2,4-DINITROPHENOL	1	9100	9100	6100	U	
100-02-7	4-NITROPHENOL	1	9100	9100	900	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9100	9100	910	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4600	4600	1400	U	
87-86-5	PENTACHLOROPHENOL	1	9100	9100	1100	U	
50-32-8	BENZO(A)PYRENE	1	4600	4600	170	U	
90-12-0	1-METHYLNAPHTHALENE	1	28000	4600	710		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.01 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1455

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13100		17100	77	19 - 113
321-60-8	2-FLUOROBIPHENYL	8600		11400	75	30 - 105
367-12-4	2-FLUOROPHENOL	8230		17100	48	25 - 100
4165-60-0	NITROBENZENE-D5	7760		11400	68	31 - 106
4165-62-2	PHENOL-D5	9860		17100	58	24 - 104
1718-51-0	TERPHENYL-D14	31700	*	11400	278	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.38 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1456

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	4900	4900	1500	U	
95-57-8	2-CHLOROPHENOL	1	4900	4900	1500	U	
95-48-7	2-METHYLPHENOL	1	4900	4900	1500	U	
108-39-4	3+4-METHYLPHENOL	1	4900	4900	1200	U	
88-75-5	2-NITROPHENOL	1	4900	4900	1400	U	
105-67-9	2,4-DIMETHYLPHENOL	1	4900	4900	1500	U	
120-83-2	2,4-DICHLOROPHENOL	1	4900	4900	1500	U	
91-20-3	NAPHTHALENE	1	15000	4900	850		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4900	4900	1300	U	
91-57-6	2-METHYLNAPHTHALENE	1	39000	4900	830		
88-06-2	2,4,6-TRICHLOROPHENOL	1	4900	4900	1500	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	4900	4900	1500	U	
91-58-7	2-CHLORONAPHTHALENE	1	4900	4900	790	U	
51-28-5	2,4-DINITROPHENOL	1	9700	9700	6500	U	
100-02-7	4-NITROPHENOL	1	9700	9700	960	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9700	9700	970	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4900	4900	1500	U	
87-86-5	PENTACHLOROPHENOL	1	9700	9700	1200	U	
50-32-8	BENZO(A)PYRENE	1	4900	4900	180	U	
90-12-0	1-METHYLNAPHTHALENE	1	27000	4900	760		

Data Package ID: SV0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.38 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1456

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	11700		18200	64	19 - 113
321-60-8	2-FLUOROBIPHENYL	8010		12100	66	30 - 105
367-12-4	2-FLUOROPHENOL	7180		18200	39	25 - 100
4165-60-0	NITROBENZENE-D5	6960		12100	57	31 - 106
4165-62-2	PHENOL-D5	9200		18200	50	24 - 104
1718-51-0	TERPHENYL-D14	23500		12100	193	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.68 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1453

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	2	8700	8700	2700	U	
95-57-8	2-CHLOROPHENOL	2	8700	8700	2700	U	
95-48-7	2-METHYLPHENOL	2	8700	8700	2600	U	
108-39-4	3+4-METHYLPHENOL	2	8700	8700	2200	U	
88-75-5	2-NITROPHENOL	2	8700	8700	2400	U	
105-67-9	2,4-DIMETHYLPHENOL	2	8700	8700	2600	U	
120-83-2	2,4-DICHLOROPHENOL	2	8700	8700	2700	U	
91-20-3	NAPHTHALENE	2	20000	8700	1500		
59-50-7	4-CHLORO-3-METHYLPHENOL	2	8700	8700	2400	U	
91-57-6	2-METHYLNAPHTHALENE	2	54000	8700	1500		
88-06-2	2,4,6-TRICHLOROPHENOL	2	8700	8700	2700	U	
95-95-4	2,4,5-TRICHLOROPHENOL	2	8700	8700	2700	U	
91-58-7	2-CHLORONAPHTHALENE	2	8700	8700	1400	U	
51-28-5	2,4-DINITROPHENOL	2	17000	17000	12000	U	
100-02-7	4-NITROPHENOL	2	17000	17000	1700	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	17000	17000	1700	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	8700	8700	2700	U	
87-86-5	PENTACHLOROPHENOL	2	17000	17000	2100	U	
50-32-8	BENZO(A)PYRENE	2	8700	8700	330	U	
90-12-0	1-METHYLNAPHTHALENE	2	37000	8700	1400		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.68 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1453

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14500		16300	89	19 - 113
321-60-8	2-FLUOROBIPHENYL	9130		10900	84	30 - 105
367-12-4	2-FLUOROPHENOL	8390		16300	51	25 - 100
4165-60-0	NITROBENZENE-D5	7470		10900	69	31 - 106
4165-62-2	PHENOL-D5	8770		16300	54	24 - 104
1718-51-0	TERPHENYL-D14	25000	*	10900	230	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.08 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1443

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
108-95-2	PHENOL	1	2800	2800	870	U	
95-57-8	2-CHLOROPHENOL	1	2800	2800	890	U	
95-48-7	2-METHYLPHENOL	1	2800	2800	860	U	
108-39-4	3+4-METHYLPHENOL	1	2800	2800	730	U	
88-75-5	2-NITROPHENOL	1	2800	2800	800	U	
105-67-9	2,4-DIMETHYLPHENOL	1	2800	2800	860	U	
120-83-2	2,4-DICHLOROPHENOL	1	2800	2800	900	U	
91-20-3	NAPHTHALENE	1	6000	2800	500		
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2800	2800	780	U	
91-57-6	2-METHYLNAPHTHALENE	1	20000	2800	490		
88-06-2	2,4,6-TRICHLOROPHENOL	1	2800	2800	880	U	
95-95-4	2,4,5-TRICHLOROPHENOL	1	2800	2800	880	U	
91-58-7	2-CHLORONAPHTHALENE	1	2800	2800	460	U	
51-28-5	2,4-DINITROPHENOL	1	5700	5700	3800	U	
100-02-7	4-NITROPHENOL	1	5700	5700	560	U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	5700	5700	570	U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2800	2800	890	U	
87-86-5	PENTACHLOROPHENOL	1	5700	5700	690	U	
50-32-8	BENZO(A)PYRENE	1	2800	2800	110	U	
90-12-0	1-METHYLNAPHTHALENE	1	12000	2800	440		

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 24-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-5

QC Batch ID: EX070222-5-1

Run ID: SV070224-1

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 10.08 g

Final Volume: 2 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1443

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	7350		10700	69	19 - 113
321-60-8	2-FLUOROBIPHENYL	5540		7110	78	30 - 105
367-12-4	2-FLUOROPHENOL	4140		10700	39	25 - 100
4165-60-0	NITROBENZENE-D5	4690		7110	66	31 - 106
4165-62-2	PHENOL-D5	5000		10700	47	24 - 104
1718-51-0	TERPHENYL-D14	16800	*	7110	236	18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070228-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 03/03/2007

Prep Method: SW3520C

Prep Batch: EX070228-2

QCBatchID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5442

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.0288	0.01		58	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0415	0.01		83	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.084	0.01		84	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.158	0.01		79	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.041	0.01		82	28 - 94%
98-95-3	NITROBENZENE	0.05	0.0415	0.01		83	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0408	0.01		82	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0925	0.01		93	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0943	0.01		94	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0396	0.01		79	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0449	0.01		90	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.0833	0.02		83	38 - 117%

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070228-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 03/03/2007

Prep Method: SW3520C

Prep Batch: EX070228-2

QCBatchID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5443

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.0356	0.01		71	50	21
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0412	0.01		82	50	1
95-48-7	2-METHYLPHENOL	0.1	0.0833	0.01		83	50	1
108-39-4	3+4-METHYLPHENOL	0.2	0.159	0.01		80	50	1
67-72-1	HEXACHLOROETHANE	0.05	0.0412	0.01		82	50	0
98-95-3	NITROBENZENE	0.05	0.0418	0.01		84	50	1
87-68-3	HEXACHLOROBUTADIENE	0.05	0.041	0.01		82	50	1
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0927	0.01		93	50	0
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0917	0.01		92	50	3
121-14-2	2,4-DINITROTOLUENE	0.05	0.039	0.01		78	50	2
118-74-1	HEXACHLOROBENZENE	0.05	0.0447	0.01		89	50	0
87-86-5	PENTACHLOROPHENOL	0.1	0.0834	0.02		83	50	0

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	90		92		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	91		88		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	86		87		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	88		88		34 - 111
4165-62-2	PHENOL-D5	0.075	86		86		15 - 104
1718-51-0	TERPHENYL-D14	0.05	97		90		33 - 111

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

LabID: 0702150-14MS

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 03-Mar-07

Prep Batch: EX070228-2

QCBatchID: EX070228-2-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: P5445

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	0.372		0.1	0.5	74	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.397		0.1	0.5	79	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.721		0.1	1	72	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.4		0.1	2	70	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.402		0.1	0.5	80	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.386		0.1	0.5	77	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.388		0.1	0.5	78	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.873		0.1	1	87	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.889		0.1	1	89	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.395		0.1	0.5	79	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.429		0.1	0.5	86	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.89		0.2	1	89	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.697		0.75	93	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.423		0.5	85	21 - 106
367-12-4	2-FLUOROPHENOL	0.613		0.75	82	21 - 100
4165-60-0	NITROBENZENE-D5	0.407		0.5	81	34 - 111
4165-62-2	PHENOL-D5	0.511		0.75	68	15 - 104
1718-51-0	TERPHENYL-D14	0.457		0.5	91	33 - 111

Data Package ID: SV0702150-1

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070301-3LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/01/2007

Date Analyzed: 03/03/2007

Prep Method: SW3520C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5449

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	0.05	0.0294	0.01		59	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0367	0.01		73	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	0.0759	0.01		76	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.2	0.142	0.01		71	32 - 110%
67-72-1	HEXACHLOROETHANE	0.05	0.0348	0.01		70	28 - 94%
98-95-3	NITROBENZENE	0.05	0.0386	0.01		77	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.05	0.035	0.01		70	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0843	0.01		84	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0844	0.01		84	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.05	0.0377	0.01		75	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.05	0.0424	0.01		85	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.1	0.0696	0.02		70	38 - 117%

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070301-3LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/01/2007

Date Analyzed: 03/03/2007

Prep Method: SW3520C

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1000 ml

Final Volume: 1 ml

Result Units: mg/l

Clean DF: 1

File Name: P5450

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
110-86-1	PYRIDINE	0.05	0.017	0.01	+	34	50	54
106-46-7	1,4-DICHLOROBENZENE	0.05	0.0379	0.01		76	50	3
95-48-7	2-METHYLPHENOL	0.1	0.0779	0.01		78	50	3
108-39-4	3+4-METHYLPHENOL	0.2	0.148	0.01		74	50	5
67-72-1	HEXACHLOROETHANE	0.05	0.037	0.01		74	50	6
98-95-3	NITROBENZENE	0.05	0.0396	0.01		79	50	3
87-68-3	HEXACHLOROBUTADIENE	0.05	0.0374	0.01		75	50	6
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	0.0861	0.01		86	50	2
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	0.0852	0.01		85	50	1
121-14-2	2,4-DINITROTOLUENE	0.05	0.0382	0.01		76	50	1
118-74-1	HEXACHLOROBENZENE	0.05	0.0444	0.01		89	50	5
87-86-5	PENTACHLOROPHENOL	0.1	0.0738	0.02		74	50	6

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	81		84		23 - 100
321-60-8	2-FLUOROBIPHENYL	0.05	86		92		21 - 106
367-12-4	2-FLUOROPHENOL	0.075	74		78		21 - 100
4165-60-0	NITROBENZENE-D5	0.05	83		87		34 - 111
4165-62-2	PHENOL-D5	0.075	76		79		15 - 104
1718-51-0	TERPHENYL-D14	0.05	97		98		33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

LabID: 0702150-24MS

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 03-Mar-07

Prep Batch: EX070301-3

QCBatchID: EX070301-3-1

Run ID: SV070303-2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 100 ml

Final Volume: 1 ml

Result Units: mg/l

File Name: P5460

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	0.365		0.1	0.5	73	10 - 108%
106-46-7	1,4-DICHLOROBENZENE	0.1	U	0.417		0.1	0.5	83	32 - 98%
95-48-7	2-METHYLPHENOL	0.1	U	0.93		0.1	1	93	38 - 109%
108-39-4	3+4-METHYLPHENOL	0.1	U	1.68		0.1	2	84	32 - 110%
67-72-1	HEXACHLOROETHANE	0.1	U	0.411		0.1	0.5	82	28 - 94%
98-95-3	NITROBENZENE	0.1	U	0.441		0.1	0.5	88	44 - 109%
87-68-3	HEXACHLOROBUTADIENE	0.1	U	0.418		0.1	0.5	84	27 - 103%
88-06-2	2,4,6-TRICHLOROPHENOL	0.1	U	0.945		0.1	1	94	49 - 113%
95-95-4	2,4,5-TRICHLOROPHENOL	0.1	U	0.968		0.1	1	97	49 - 111%
121-14-2	2,4-DINITROTOLUENE	0.1	U	0.43		0.1	0.5	86	51 - 118%
118-74-1	HEXACHLOROBENZENE	0.1	U	0.449		0.1	0.5	90	52 - 112%
87-86-5	PENTACHLOROPHENOL	0.2	U	0.883		0.2	1	88	38 - 117%

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	0.713		0.75	95	23 - 100
321-60-8	2-FLUOROBIPHENYL	0.468		0.5	94	21 - 106
367-12-4	2-FLUOROPHENOL	0.668		0.75	89	21 - 100
4165-60-0	NITROBENZENE-D5	0.468		0.5	94	34 - 111
4165-62-2	PHENOL-D5	0.651		0.75	87	15 - 104
1718-51-0	TERPHENYL-D14	0.495		0.5	99	33 - 111

Data Package ID: SV0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-5LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/23/2007

Prep Method: SW3540C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1425

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
108-95-2	PHENOL	2000	1620	333		81	39 - 160%
95-57-8	2-CHLOROPHENOL	2000	1700	333		85	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	2000	1470	333		74	46 - 113%
100-02-7	4-NITROPHENOL	2000	1850	667		93	17 - 138%
87-86-5	PENTACHLOROPHENOL	2000	1380	667		69	25 - 119%

Lab ID: EX070222-5LCSD

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/23/2007

Prep Method: SW3540C

Prep Batch: EX070222-5

QCBatchID: EX070222-5-1

Run ID: SV070223-1

Cleanup: NONE

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 1 ml

Result Units: UG/KG

Clean DF: 1

File Name: N1426

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
108-95-2	PHENOL	2000	1630	333		81	44	1
95-57-8	2-CHLOROPHENOL	2000	1690	333		85	41	1
59-50-7	4-CHLORO-3-METHYLPHENOL	2000	1470	333		74	38	0
100-02-7	4-NITROPHENOL	2000	1910	667		95	67	3
87-86-5	PENTACHLOROPHENOL	2000	1370	667		69	54	0

Data Package ID: SV0702150-3

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GC/MS Semi-volatiles

Method SW8270D

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	78		76		19 - 113
321-60-8	2-FLUOROBIPHENYL	1670	85		86		30 - 105
367-12-4	2-FLUOROPHENOL	2500	77		78		25 - 100
4165-60-0	NITROBENZENE-D5	1670	68		76		31 - 106
4165-62-2	PHENOL-D5	2500	80		81		24 - 104
1718-51-0	TERPHENYL-D14	1670	81		82		18 - 112

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

Paragon Analytics

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
LabID: 0702150-13MS

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 22-Feb-07
Date Analyzed: 24-Feb-07
Prep Method: SW3540 Rev C

Prep Batch: EX070222-5
QCBatchID: EX070222-5-1
Run ID: SV070224-1
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 10.19 g
Final Volume: 2 ml
Result Units: UG/KG
File Name: N1444

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
108-95-2	PHENOL	2800	U	4670		2810	8440	55	39 - 160%
95-57-8	2-CHLOROPHENOL	2800	U	5590		2810	8440	66	44 - 106%
59-50-7	4-CHLORO-3-METHYLPHENOL	2800	U	6940		2810	8440	82	46 - 113%
100-02-7	4-NITROPHENOL	5700	U	4620	J	5630	8440	55	17 - 138%
87-86-5	PENTACHLOROPHENOL	5700	U	4310	J	5630	8440	51	25 - 119%

Field ID: MS7-021707-4
LabID: 0702150-13MSD

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 22-Feb-07
Date Analyzed: 24-Feb-07
Prep Method: SW3540 Rev C

Prep Batch: EX070222-5
QCBatchID: EX070222-5-1
Run ID: SV070224-1
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 10.24 g
Final Volume: 2 ml
Result Units: UG/KG
File Name: N1445

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
108-95-2	PHENOL	4550		8400	54	2800	44	3
95-57-8	2-CHLOROPHENOL	5050		8400	60	2800	41	10
59-50-7	4-CHLORO-3-METHYLPHENOL	7240		8400	86	2800	38	4
100-02-7	4-NITROPHENOL	5970		8400	71	5600	67	25
87-86-5	PENTACHLOROPHENOL	5090	J	8400	61	5600	54	17

Data Package ID: SV0702150-3

Date Printed: Monday, March 05, 2007

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GC/MS Semi-volatiles

Method SW8270D

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	10600	80		78		19 - 113
321-60-8	2-FLUOROBIPHENYL	7030	78		77		30 - 105
367-12-4	2-FLUOROPHENOL	10600	48		44		25 - 100
4165-60-0	NITROBENZENE-D5	7030	80		64		31 - 106
4165-62-2	PHENOL-D5	10600	56		53		24 - 104
1718-51-0	TERPHENYL-D14	7030	253	*	262	*	18 - 112

Data Package ID: SV0702150-3

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Paragon Analytics

GC/MS Volatiles Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 1 water sample and 12 solid samples and 12 TCLP ZHE leachates from solid samples. The samples were received cool and intact by Paragon on 02/21/2007.

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

3. The samples were analyzed using GC/MS with an RTX-624 capillary column according to Paragon Standard Operating Procedure 525 Revision 12 based on SW-846 Method 8260B. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.
4. All initial calibration criteria for SPCC's and CCC's were met. If average response factors were used in the initial calibration, %RSD was $\leq 15\%$. If linear or higher order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥ 0.99 .

5. All initial calibrations are verified by comparing a second source standard calibration verification (ICV) against the calibration curve. All compounds in the second source verification had a %D of less than 25%, with the exceptions of acrolein and 1, 2-dibromo-3-chloropropane. Acrolein 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 VL070226-2MMB had acetone detected below the reporting limit. This compound was detected in the associated samples, so the data were flagged.

The method blank VL070227-2MMB had acetone detected below the reporting limit. This compound was not detected in the associated samples.

8. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
9. Matrix QC was performed for the water analysis. Since a sample from this client was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

Samples 0702150-21 and 25 were designated as the quality control samples 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 0702150-13 was designated as the quality control sample for the solid 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 acceptable limits with the following exceptions:

Surrogate	Sample	Direction
Toluene-d8	0702150-21MS and 0702150-25MS	Low

All target compounds were within control limits, with only the surrogate toluene-d8 outside acceptance criteria. No further action was taken.

12. All internal standard recoveries were within acceptance criteria.
13. Due to the concentration of target analytes, samples 1, 1RR1, 2, 2RR1, 3, 4, 5, 5RR1, 6, 6RR1, 7, 7RR1, 8, 10, 11, 12 and 13 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.

Signature of Steven White
Steven White
GC/MS Analyst

03-07-07
Date

gma
Reviewer's Initials

3-7-07
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: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070222-5MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Batch: VL070222-5

QC Batch ID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43735

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: VL0702150-1

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070222-5MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Batch: VL070222-5

QCBatchID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43735

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: VL0702150-1

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070222-5MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Batch: VL070222-5

QCBatchID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43735

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	37.7		50	75	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	39.7		50	79	79 - 120
2037-26-5	TOLUENE-D8	41.6		50	83	83 - 120

Data Package ID: VL0702150-1

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-9

Lab ID: 0702150-9

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070222-5

QCBatchID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43736

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: VL0702150-1

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-9

Lab ID: 0702150-9

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070222-5

QC Batch ID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43736

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	1,1,1,2-TETRACHLOROETHANE	1	5	5	1.7	U	
108-86-1	BROMOBENZENE	1	5	5	1.7	U	
103-65-1	N-PROPYLBENZENE	1	5	5	1.7	U	
95-49-8	2-CHLOROTOLUENE	1	5	5	1.7	U	

Data Package ID: VL0702150-1

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-9

Lab ID: 0702150-9

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 22-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070222-5

QC Batch ID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43736

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	40.4		50	81	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	42.3		50	85	79 - 120
2037-26-5	TOLUENE-D8	44.6		50	89	83 - 120

Data Package ID: VL0702150-1

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070228-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43904

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	0.0417		0.05	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.043		0.05	86	79 - 120
2037-26-5	TOLUENE-D8	0.0428		0.05	86	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-3MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43905

LEACH DATE: 2/27/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.216		0.25	86	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.215		0.25	86	79 - 120
2037-26-5	TOLUENE-D8	0.221		0.25	88	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-14

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43906

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	0.043	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.212		0.25	85	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.21		0.25	84	79 - 120
2037-26-5	TOLUENE-D8	0.218		0.25	87	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-15

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QC Batch ID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43918

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	50	0.25	0.25	0.083	U	
75-35-4	1,1-DICHLOROETHENE	50	0.25	0.25	0.083	U	
78-93-3	2-BUTANONE	50	1	1	0.33	U	
67-66-3	CHLOROFORM	50	0.25	0.25	0.083	U	
56-23-5	CARBON TETRACHLORIDE	50	0.25	0.25	0.083	U	
107-06-2	1,2-DICHLOROETHANE	50	0.25	0.25	0.083	U	
71-43-2	BENZENE	50	3.8	0.25	0.083		
79-01-6	TRICHLOROETHENE	50	0.25	0.25	0.083	U	
127-18-4	TETRACHLOROETHENE	50	0.25	0.25	0.083	U	
108-90-7	CHLOROBENZENE	50	0.25	0.25	0.083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	1.97		2.5	79	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.13		2.5	85	79 - 120
2037-26-5	TOLUENE-D8	2.11		2.5	84	83 - 120

Data Package ID: VL0702150-2

Date Printed: Wednesday, March 07, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-16

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43917

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.211		0.25	85	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.211		0.25	84	79 - 120
2037-26-5	TOLUENE-D8	0.215		0.25	86	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-17

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43909

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.208		0.25	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.215		0.25	86	79 - 120
2037-26-5	TOLUENE-D8	0.212		0.25	85	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-18

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43910

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	0.14	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.211		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.213		0.25	85	79 - 120
2037-26-5	TOLUENE-D8	0.212		0.25	85	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-19

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43911

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.063	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.208		0.25	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.219		0.25	88	79 - 120
2037-26-5	TOLUENE-D8	0.209		0.25	83	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-20

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43912

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	0.061	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.212		0.25	85	79 - 120
2037-26-5	TOLUENE-D8	0.209		0.25	84	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-21

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43913

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	5	0.025	0.025	0.0083	U	
75-35-4	1,1-DICHLOROETHENE	5	0.025	0.025	0.0083	U	
78-93-3	2-BUTANONE	5	0.1	0.1	0.033	U	
67-66-3	CHLOROFORM	5	0.025	0.025	0.0083	U	
56-23-5	CARBON TETRACHLORIDE	5	0.025	0.025	0.0083	U	
107-06-2	1,2-DICHLOROETHANE	5	0.025	0.025	0.0083	U	
71-43-2	BENZENE	5	0.082	0.025	0.0083		
79-01-6	TRICHLOROETHENE	5	0.025	0.025	0.0083	U	
127-18-4	TETRACHLOROETHENE	5	0.025	0.025	0.0083	U	
108-90-7	CHLOROBENZENE	5	0.025	0.025	0.0083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.21		0.25	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.218		0.25	87	79 - 120
2037-26-5	TOLUENE-D8	0.207		0.25	83	83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070302-2MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43929

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	0.0421		0.05	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.0432		0.05	86	79 - 120
2037-26-5	TOLUENE-D8	0.0417		0.05	83	83 - 120

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070301-4MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43931

LEACH DATE: 3/1/2007

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.216		0.25	86	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.209		0.25	84	79 - 120
2037-26-5	TOLUENE-D8	0.212		0.25	85	83 - 120

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1
 Lab ID: 0702150-22

LEACH DATE: 3/1/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 17-Feb-07
 Date Extracted: 02-Mar-07
 Date Analyzed: 02-Mar-07
 Prep Method: SW5030 Rev C

Prep Batch: VL070302-2
 QCBatchID: VL070302-2-1
 Run ID: VL070302-2A
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 5 ml
 Final Volume: 5 ml
 Result Units: mg/l
 Clean DF: 1
 File Name: B43932

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	50	0.25	0.25	0.083	U	
75-35-4	1,1-DICHLOROETHENE	50	0.25	0.25	0.083	U	
78-93-3	2-BUTANONE	50	1	1	0.33	U	
67-66-3	CHLOROFORM	50	0.25	0.25	0.083	U	
56-23-5	CARBON TETRACHLORIDE	50	0.25	0.25	0.083	U	
107-06-2	1,2-DICHLOROETHANE	50	0.25	0.25	0.083	U	
71-43-2	BENZENE	50	4	0.25	0.083		
79-01-6	TRICHLOROETHENE	50	0.25	0.25	0.083	U	
127-18-4	TETRACHLOROETHENE	50	0.25	0.25	0.083	U	
108-90-7	CHLOROBENZENE	50	0.25	0.25	0.083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2.08		2.5	83	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.09		2.5	84	79 - 120
2037-26-5	TOLUENE-D8	2.09		2.5	84	83 - 120

Data Package ID: VL0702150-3

Date Printed: Wednesday, March 07, 2007

Paragon Analytics
 LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-23

LEACH DATE: 3/1/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43933

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	50	0.25	0.25	0.083	U	
75-35-4	1,1-DICHLOROETHENE	50	0.25	0.25	0.083	U	
78-93-3	2-BUTANONE	50	1	1	0.33	U	
67-66-3	CHLOROFORM	50	0.25	0.25	0.083	U	
56-23-5	CARBON TETRACHLORIDE	50	0.25	0.25	0.083	U	
107-06-2	1,2-DICHLOROETHANE	50	0.25	0.25	0.083	U	
71-43-2	BENZENE	50	3.8	0.25	0.083		
79-01-6	TRICHLOROETHENE	50	0.25	0.25	0.083	U	
127-18-4	TETRACHLOROETHENE	50	0.25	0.25	0.083	U	
108-90-7	CHLOROBENZENE	50	0.25	0.25	0.083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2.11		2.5	84	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.1		2.5	84	79 - 120
2037-26-5	TOLUENE-D8	2.07		2.5	83	83 - 120

Data Package ID: VL0702150-3

Date Printed: Wednesday, March 07, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-24

LEACH DATE: 3/1/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43934

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	50	0.25	0.25	0.083	U	
75-35-4	1,1-DICHLOROETHENE	50	0.25	0.25	0.083	U	
78-93-3	2-BUTANONE	50	1	1	0.33	U	
67-66-3	CHLOROFORM	50	0.25	0.25	0.083	U	
56-23-5	CARBON TETRACHLORIDE	50	0.25	0.25	0.083	U	
107-06-2	1,2-DICHLOROETHANE	50	0.25	0.25	0.083	U	
71-43-2	BENZENE	50	4.6	0.25	0.083		
79-01-6	TRICHLOROETHENE	50	0.25	0.25	0.083	U	
127-18-4	TETRACHLOROETHENE	50	0.25	0.25	0.083	U	
108-90-7	CHLOROBENZENE	50	0.25	0.25	0.083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2.12		2.5	85	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.14		2.5	86	79 - 120
2037-26-5	TOLUENE-D8	2.14		2.5	86	83 - 120

Data Package ID: VL0702150-3

Date Printed: Wednesday, March 07, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-25

LEACH DATE: 3/1/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43935

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-01-4	VINYL CHLORIDE	50	0.25	0.25	0.083	U	
75-35-4	1,1-DICHLOROETHENE	50	0.25	0.25	0.083	U	
78-93-3	2-BUTANONE	50	1	1	0.33	U	
67-66-3	CHLOROFORM	50	0.25	0.25	0.083	U	
56-23-5	CARBON TETRACHLORIDE	50	0.25	0.25	0.083	U	
107-06-2	1,2-DICHLOROETHANE	50	0.25	0.25	0.083	U	
71-43-2	BENZENE	50	1.7	0.25	0.083		
79-01-6	TRICHLOROETHENE	50	0.25	0.25	0.083	U	
127-18-4	TETRACHLOROETHENE	50	0.25	0.25	0.083	U	
108-90-7	CHLOROBENZENE	50	0.25	0.25	0.083	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2.05		2.5	82	74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.07		2.5	83	79 - 120
2037-26-5	TOLUENE-D8	2.12		2.5	85	83 - 120

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43843

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: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43843

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: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43843

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	42.8		50	86	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	44.5		50	89	61 - 134
2037-26-5	TOLUENE-D8	46.1		50	92	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43844

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	460	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: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43844

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: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43844

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	2090		2500	84	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2090		2500	84	61 - 134
2037-26-5	TOLUENE-D8	2170		2500	87	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43847

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	710	710	240	U	
74-87-3	CHLOROMETHANE	50	710	710	240	U	
75-01-4	VINYL CHLORIDE	50	710	710	240	U	
74-83-9	BROMOMETHANE	50	710	710	240	U	
75-00-3	CHLOROETHANE	50	710	710	240	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	710	710	240	U	
75-35-4	1,1-DICHLOROETHENE	50	710	710	240	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	710	710	240	U	
67-64-1	ACETONE	50	4300	2800	940	B	
74-88-4	IODOMETHANE	50	710	710	240	U	
75-15-0	CARBON DISULFIDE	50	710	710	240	U	
75-09-2	METHYLENE CHLORIDE	50	710	710	240	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	710	710	240	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	710	710	240	U	
75-34-3	1,1-DICHLOROETHANE	50	710	710	240	U	
108-05-4	VINYL ACETATE	50	2800	2800	470	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	710	710	240	U	
78-93-3	2-BUTANONE	50	2800	2800	940	U	
74-97-5	BROMOCHLOROMETHANE	50	710	710	240	U	
67-66-3	CHLOROFORM	50	710	710	240	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	710	710	240	U	
594-20-7	2,2-DICHLOROPROPANE	50	710	710	240	U	
56-23-5	CARBON TETRACHLORIDE	50	710	710	240	U	
563-58-6	1,1-DICHLOROPROPENE	50	710	710	240	U	
107-06-2	1,2-DICHLOROETHANE	50	710	710	240	U	
71-43-2	BENZENE	50	1100	710	240		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43847

79-01-6	TRICHLOROETHENE	50	710	710	240	U	
78-87-5	1,2-DICHLOROPROPANE	50	710	710	240	U	
74-95-3	DIBROMOMETHANE	50	710	710	240	U	
75-27-4	BROMODICHLOROMETHANE	50	710	710	240	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	710	710	240	U	
108-10-1	4-METHYL-2-PENTANONE	50	2800	2800	940	U	
108-88-3	TOLUENE	50	15000	710	240		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	710	710	240	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	710	710	240	U	
591-78-6	2-HEXANONE	50	2800	2800	940	U	
127-18-4	TETRACHLOROETHENE	50	710	710	240	U	
142-28-9	1,3-DICHLOROPROPANE	50	710	710	240	U	
124-48-1	DIBROMOCHLOROMETHANE	50	710	710	240	U	
106-93-4	1,2-DIBROMOETHANE	50	710	710	240	U	
544-10-5	1-CHLOROHEXANE	50	710	710	240	U	
108-90-7	CHLOROBENZENE	50	710	710	240	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	710	710	240	U	
100-41-4	ETHYLBENZENE	50	19000	710	240		
136777-61-2	M+P-XYLENE	50	26000	710	240		
95-47-6	O-XYLENE	50	13000	710	240		
100-42-5	STYRENE	50	710	710	240	U	
75-25-2	BROMOFORM	50	710	710	240	U	
98-82-8	ISOPROPYLBENZENE	50	4500	710	240		
96-18-4	1,2,3-TRICHLOROPROPANE	50	980	710	240		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	710	710	240	U	
108-86-1	BROMOBENZENE	50	710	710	240	U	
103-65-1	N-PROPYLBENZENE	50	8500	710	240		
95-49-8	2-CHLOROTOLUENE	50	710	710	240	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43847

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3600	710	240		
106-43-4	4-CHLOROTOLUENE	50	710	710	240	U	
98-06-6	TERT-BUTYLBENZENE	50	710	710	240	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	23000	710	240	E	
135-98-8	SEC-BUTYLBENZENE	50	7700	710	240		
541-73-1	1,3-DICHLOROBENZENE	50	710	710	240	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1900	710	240		
106-46-7	1,4-DICHLOROBENZENE	50	710	710	240	U	
104-51-8	N-BUTYLBENZENE	50	4500	710	240		
95-50-1	1,2-DICHLOROBENZENE	50	710	710	240	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1400	1400	470	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	710	710	240	U	
87-68-3	HEXACHLOROBUTADIENE	50	710	710	240	U	
91-20-3	NAPHTHALENE	50	11000	710	240		
87-61-6	1,2,3-TRICHLOROBENZENE	50	710	710	240	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	5620		7090	79	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	6020		7090	85	61 - 134
2037-26-5	TOLUENE-D8	5430		7090	77	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1RR1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43862

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	100	1400	1400	470	U	
74-87-3	CHLOROMETHANE	100	1400	1400	470	U	
75-01-4	VINYL CHLORIDE	100	1400	1400	470	U	
74-83-9	BROMOMETHANE	100	1400	1400	470	U	
75-00-3	CHLOROETHANE	100	1400	1400	470	U	
75-69-4	TRICHLOROFLUOROMETHANE	100	1400	1400	470	U	
75-35-4	1,1-DICHLOROETHENE	100	1400	1400	470	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	100	1400	1400	470	U	
67-64-1	ACETONE	100	5700	5700	1900	J,B	
74-88-4	IODOMETHANE	100	1400	1400	470	U	
75-15-0	CARBON DISULFIDE	100	1400	1400	470	U	
75-09-2	METHYLENE CHLORIDE	100	1400	1400	470	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	100	1400	1400	470	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	100	1400	1400	470	U	
75-34-3	1,1-DICHLOROETHANE	100	1400	1400	470	U	
108-05-4	VINYL ACETATE	100	5700	5700	940	U	
156-59-2	CIS-1,2-DICHLOROETHENE	100	1400	1400	470	U	
78-93-3	2-BUTANONE	100	5700	5700	1900	U	
74-97-5	BROMOCHLOROMETHANE	100	1400	1400	470	U	
67-66-3	CHLOROFORM	100	1400	1400	470	U	
71-55-6	1,1,1-TRICHLOROETHANE	100	1400	1400	470	U	
594-20-7	2,2-DICHLOROPROPANE	100	1400	1400	470	U	
56-23-5	CARBON TETRACHLORIDE	100	1400	1400	470	U	
563-58-6	1,1-DICHLOROPROPENE	100	1400	1400	470	U	
107-06-2	1,2-DICHLOROETHANE	100	1400	1400	470	U	
71-43-2	BENZENE	100	1000	1400	470	J	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1RR1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43862

79-01-6	TRICHLOROETHENE	100	1400	1400	470	U	
78-87-5	1,2-DICHLOROPROPANE	100	1400	1400	470	U	
74-95-3	DIBROMOMETHANE	100	1400	1400	470	U	
75-27-4	BROMODICHLOROMETHANE	100	1400	1400	470	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	100	1400	1400	470	U	
108-10-1	4-METHYL-2-PENTANONE	100	5700	5700	1900	U	
108-88-3	TOLUENE	100	14000	1400	470		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	100	1400	1400	470	U	
79-00-5	1,1,2-TRICHLOROETHANE	100	1400	1400	470	U	
591-78-6	2-HEXANONE	100	5700	5700	1900	U	
127-18-4	TETRACHLOROETHENE	100	1400	1400	470	U	
142-28-9	1,3-DICHLOROPROPANE	100	1400	1400	470	U	
124-48-1	DIBROMOCHLOROMETHANE	100	1400	1400	470	U	
106-93-4	1,2-DIBROMOETHANE	100	1400	1400	470	U	
544-10-5	1-CHLOROHEXANE	100	1400	1400	470	U	
108-90-7	CHLOROBENZENE	100	1400	1400	470	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	100	1400	1400	470	U	
100-41-4	ETHYLBENZENE	100	17000	1400	470		
136777-61-2	M+P-XYLENE	100	23000	1400	470		
95-47-6	O-XYLENE	100	13000	1400	470		
100-42-5	STYRENE	100	1400	1400	470	U	
75-25-2	BROMOFORM	100	1400	1400	470	U	
98-82-8	ISOPROPYLBENZENE	100	3900	1400	470		
96-18-4	1,2,3-TRICHLOROPROPANE	100	1400	1400	470	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	100	1400	1400	470	U	
108-86-1	BROMOBENZENE	100	1400	1400	470	U	
103-65-1	N-PROPYLBENZENE	100	6200	1400	470		
95-49-8	2-CHLOROTOLUENE	100	1400	1400	470	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1RR1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43862

108-67-8	1,3,5-TRIMETHYLBENZENE	100	3000	1400	470		
106-43-4	4-CHLOROTOLUENE	100	1400	1400	470	U	
98-06-6	TERT-BUTYLBENZENE	100	1400	1400	470	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	100	18000	1400	470		
135-98-8	SEC-BUTYLBENZENE	100	5700	1400	470		
541-73-1	1,3-DICHLOROBENZENE	100	1400	1400	470	U	
99-87-6	P-ISOPROPYLTOLUENE	100	1500	1400	470		
106-46-7	1,4-DICHLOROBENZENE	100	1400	1400	470	U	
104-51-8	N-BUTYLBENZENE	100	3400	1400	470		
95-50-1	1,2-DICHLOROBENZENE	100	1400	1400	470	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	100	2800	2800	940	U	
120-82-1	1,2,4-TRICHLOROBENZENE	100	1400	1400	470	U	
87-68-3	HEXACHLOROBUTADIENE	100	1400	1400	470	U	
91-20-3	NAPHTHALENE	100	13000	1400	470		
87-61-6	1,2,3-TRICHLOROBENZENE	100	1400	1400	470	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	11700		14200	82	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	12400		14200	87	61 - 134
2037-26-5	TOLUENE-D8	11800		14200	83	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43848

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	660	660	220	U	
74-87-3	CHLOROMETHANE	50	660	660	220	U	
75-01-4	VINYL CHLORIDE	50	660	660	220	U	
74-83-9	BROMOMETHANE	50	660	660	220	U	
75-00-3	CHLOROETHANE	50	660	660	220	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	660	660	220	U	
75-35-4	1,1-DICHLOROETHENE	50	660	660	220	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	660	660	220	U	
67-64-1	ACETONE	50	1000	2600	880	J,B	
74-88-4	IODOMETHANE	50	660	660	220	U	
75-15-0	CARBON DISULFIDE	50	660	660	220	U	
75-09-2	METHYLENE CHLORIDE	50	660	660	220	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	660	660	220	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	660	660	220	U	
75-34-3	1,1-DICHLOROETHANE	50	660	660	220	U	
108-05-4	VINYL ACETATE	50	2600	2600	440	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	660	660	220	U	
78-93-3	2-BUTANONE	50	2600	2600	880	U	
74-97-5	BROMOCHLOROMETHANE	50	660	660	220	U	
67-66-3	CHLOROFORM	50	660	660	220	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	660	660	220	U	
594-20-7	2,2-DICHLOROPROPANE	50	660	660	220	U	
56-23-5	CARBON TETRACHLORIDE	50	660	660	220	U	
563-58-6	1,1-DICHLOROPROPENE	50	660	660	220	U	
107-06-2	1,2-DICHLOROETHANE	50	660	660	220	U	
71-43-2	BENZENE	50	1100	660	220		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43848

79-01-6	TRICHLOROETHENE	50	660	660	220	U	
78-87-5	1,2-DICHLOROPROPANE	50	660	660	220	U	
74-95-3	DIBROMOMETHANE	50	660	660	220	U	
75-27-4	BROMODICHLOROMETHANE	50	660	660	220	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	660	660	220	U	
108-10-1	4-METHYL-2-PENTANONE	50	2600	2600	880	U	
108-88-3	TOLUENE	50	11000	660	220		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	660	660	220	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	660	660	220	U	
591-78-6	2-HEXANONE	50	2600	2600	880	U	
127-18-4	TETRACHLOROETHENE	50	660	660	220	U	
142-28-9	1,3-DICHLOROPROPANE	50	660	660	220	U	
124-48-1	DIBROMOCHLOROMETHANE	50	660	660	220	U	
106-93-4	1,2-DIBROMOETHANE	50	660	660	220	U	
544-10-5	1-CHLOROHEXANE	50	660	660	220	U	
108-90-7	CHLOROBENZENE	50	660	660	220	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	660	660	220	U	
100-41-4	ETHYLBENZENE	50	14000	660	220		
136777-61-2	M+P-XYLENE	50	21000	660	220		
95-47-6	O-XYLENE	50	11000	660	220		
100-42-5	STYRENE	50	660	660	220	U	
75-25-2	BROMOFORM	50	660	660	220	U	
98-82-8	ISOPROPYLBENZENE	50	4000	660	220		
96-18-4	1,2,3-TRICHLOROPROPANE	50	720	660	220		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	660	660	220	U	
108-86-1	BROMOBENZENE	50	660	660	220	U	
103-65-1	N-PROPYLBENZENE	50	7000	660	220		
95-49-8	2-CHLOROTOLUENE	50	660	660	220	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43848

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3500	660	220		
106-43-4	4-CHLOROTOLUENE	50	660	660	220	U	
98-06-6	TERT-BUTYLBENZENE	50	660	660	220	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	20000	660	220	E	
135-98-8	SEC-BUTYLBENZENE	50	6700	660	220		
541-73-1	1,3-DICHLOROBENZENE	50	660	660	220	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1900	660	220		
106-46-7	1,4-DICHLOROBENZENE	50	660	660	220	U	
104-51-8	N-BUTYLBENZENE	50	4100	660	220		
95-50-1	1,2-DICHLOROBENZENE	50	660	660	220	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1300	1300	440	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	660	660	220	U	
87-68-3	HEXACHLOROBUTADIENE	50	660	660	220	U	
91-20-3	NAPHTHALENE	50	9800	660	220		
87-61-6	1,2,3-TRICHLOROBENZENE	50	660	660	220	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	5500		6580	84	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	5860		6580	89	61 - 134
2037-26-5	TOLUENE-D8	5330		6580	81	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2RR1

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QC Batch ID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43863

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	100	1300	1300	440	U	
74-87-3	CHLOROMETHANE	100	1300	1300	440	U	
75-01-4	VINYL CHLORIDE	100	1300	1300	440	U	
74-83-9	BROMOMETHANE	100	1300	1300	440	U	
75-00-3	CHLOROETHANE	100	1300	1300	440	U	
75-69-4	TRICHLOROFLUOROMETHANE	100	1300	1300	440	U	
75-35-4	1,1-DICHLOROETHENE	100	1300	1300	440	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	100	1300	1300	440	U	
67-64-1	ACETONE	100	3700	5300	1800	J,B	
74-88-4	IODOMETHANE	100	1300	1300	440	U	
75-15-0	CARBON DISULFIDE	100	1300	1300	440	U	
75-09-2	METHYLENE CHLORIDE	100	1300	1300	440	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	100	1300	1300	440	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	100	1300	1300	440	U	
75-34-3	1,1-DICHLOROETHANE	100	1300	1300	440	U	
108-05-4	VINYL ACETATE	100	5300	5300	880	U	
156-59-2	CIS-1,2-DICHLOROETHENE	100	1300	1300	440	U	
78-93-3	2-BUTANONE	100	5300	5300	1800	U	
74-97-5	BROMOCHLOROMETHANE	100	1300	1300	440	U	
67-66-3	CHLOROFORM	100	1300	1300	440	U	
71-55-6	1,1,1-TRICHLOROETHANE	100	1300	1300	440	U	
594-20-7	2,2-DICHLOROPROPANE	100	1300	1300	440	U	
56-23-5	CARBON TETRACHLORIDE	100	1300	1300	440	U	
563-58-6	1,1-DICHLOROPROPENE	100	1300	1300	440	U	
107-06-2	1,2-DICHLOROETHANE	100	1300	1300	440	U	
71-43-2	BENZENE	100	1100	1300	440	J	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2RR1

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43863

79-01-6	TRICHLOROETHENE	100	1300	1300	440	U	
78-87-5	1,2-DICHLOROPROPANE	100	1300	1300	440	U	
74-95-3	DIBROMOMETHANE	100	1300	1300	440	U	
75-27-4	BROMODICHLOROMETHANE	100	1300	1300	440	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	100	1300	1300	440	U	
108-10-1	4-METHYL-2-PENTANONE	100	5300	5300	1800	U	
108-88-3	TOLUENE	100	10000	1300	440		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	100	1300	1300	440	U	
79-00-5	1,1,2-TRICHLOROETHANE	100	1300	1300	440	U	
591-78-6	2-HEXANONE	100	5300	5300	1800	U	
127-18-4	TETRACHLOROETHENE	100	1300	1300	440	U	
142-28-9	1,3-DICHLOROPROPANE	100	1300	1300	440	U	
124-48-1	DIBROMOCHLOROMETHANE	100	1300	1300	440	U	
106-93-4	1,2-DIBROMOETHANE	100	1300	1300	440	U	
544-10-5	1-CHLOROHEXANE	100	1300	1300	440	U	
108-90-7	CHLOROBENZENE	100	1300	1300	440	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	100	1300	1300	440	U	
100-41-4	ETHYLBENZENE	100	13000	1300	440		
136777-61-2	M+P-XYLENE	100	19000	1300	440		
95-47-6	O-XYLENE	100	9800	1300	440		
100-42-5	STYRENE	100	1300	1300	440	U	
75-25-2	BROMOFORM	100	1300	1300	440	U	
98-82-8	ISOPROPYLBENZENE	100	3400	1300	440		
96-18-4	1,2,3-TRICHLOROPROPANE	100	930	1300	440	J	
79-34-5	1,1,2,2-TETRACHLOROETHANE	100	1300	1300	440	U	
108-86-1	BROMOBENZENE	100	1300	1300	440	U	
103-65-1	N-PROPYLBENZENE	100	5600	1300	440		
95-49-8	2-CHLOROTOLUENE	100	1300	1300	440	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2RR1

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43863

108-67-8	1,3,5-TRIMETHYLBENZENE	100	2800	1300	440		
106-43-4	4-CHLOROTOLUENE	100	1300	1300	440	U	
98-06-6	TERT-BUTYLBENZENE	100	1300	1300	440	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	100	17000	1300	440		
135-98-8	SEC-BUTYLBENZENE	100	5400	1300	440		
541-73-1	1,3-DICHLOROBENZENE	100	1300	1300	440	U	
99-87-6	P-ISOPROPYLTOLUENE	100	1500	1300	440		
106-46-7	1,4-DICHLOROBENZENE	100	1300	1300	440	U	
104-51-8	N-BUTYLBENZENE	100	3300	1300	440		
95-50-1	1,2-DICHLOROBENZENE	100	1300	1300	440	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	100	2600	2600	880	U	
120-82-1	1,2,4-TRICHLOROBENZENE	100	1300	1300	440	U	
87-68-3	HEXACHLOROBUTADIENE	100	1300	1300	440	U	
91-20-3	NAPHTHALENE	100	11000	1300	440		
87-61-6	1,2,3-TRICHLOROBENZENE	100	1300	1300	440	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	10900		13200	83	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	11500		13200	87	61 - 134
2037-26-5	TOLUENE-D8	11000		13200	84	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43849

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	650	650	220	U	
74-87-3	CHLOROMETHANE	50	650	650	220	U	
75-01-4	VINYL CHLORIDE	50	650	650	220	U	
74-83-9	BROMOMETHANE	50	650	650	220	U	
75-00-3	CHLOROETHANE	50	650	650	220	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	650	650	220	U	
75-35-4	1,1-DICHLOROETHENE	50	650	650	220	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	650	650	220	U	
67-64-1	ACETONE	50	1700	2600	870	J,B	
74-88-4	IODOMETHANE	50	650	650	220	U	
75-15-0	CARBON DISULFIDE	50	650	650	220	U	
75-09-2	METHYLENE CHLORIDE	50	650	650	220	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	650	650	220	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	650	650	220	U	
75-34-3	1,1-DICHLOROETHANE	50	650	650	220	U	
108-05-4	VINYL ACETATE	50	2600	2600	430	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	650	650	220	U	
78-93-3	2-BUTANONE	50	2600	2600	870	U	
74-97-5	BROMOCHLOROMETHANE	50	650	650	220	U	
67-66-3	CHLOROFORM	50	650	650	220	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	650	650	220	U	
594-20-7	2,2-DICHLOROPROPANE	50	650	650	220	U	
56-23-5	CARBON TETRACHLORIDE	50	650	650	220	U	
563-58-6	1,1-DICHLOROPROPENE	50	650	650	220	U	
107-06-2	1,2-DICHLOROETHANE	50	650	650	220	U	
71-43-2	BENZENE	50	1100	650	220		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3	Sample Matrix: SOLID	Prep Batch: VL070226-2	Sample Aliquot: 5g
Lab ID: 0702150-3	% Moisture: 61.6	QCBatchID: VL070226-2-1	Final Volume: 5 ml
	Date Collected: 16-Feb-07	Run ID: VL070226-2A	Result Units: ug/kg
	Date Extracted: 26-Feb-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 26-Feb-07	Basis: Dry Weight	File Name: B43849
	Prep Method: SW5035 Rev A		

79-01-6	TRICHLOROETHENE	50	650	650	220	U	
78-87-5	1,2-DICHLOROPROPANE	50	650	650	220	U	
74-95-3	DIBROMOMETHANE	50	650	650	220	U	
75-27-4	BROMODICHLOROMETHANE	50	650	650	220	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	650	650	220	U	
108-10-1	4-METHYL-2-PENTANONE	50	2600	2600	870	U	
108-88-3	TOLUENE	50	9800	650	220		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	650	650	220	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	650	650	220	U	
591-78-6	2-HEXANONE	50	2600	2600	870	U	
127-18-4	TETRACHLOROETHENE	50	650	650	220	U	
142-28-9	1,3-DICHLOROPROPANE	50	650	650	220	U	
124-48-1	DIBROMOCHLOROMETHANE	50	650	650	220	U	
106-93-4	1,2-DIBROMOETHANE	50	650	650	220	U	
544-10-5	1-CHLOROHEXANE	50	650	650	220	U	
108-90-7	CHLOROBENZENE	50	650	650	220	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	650	650	220	U	
100-41-4	ETHYLBENZENE	50	13000	650	220		
136777-61-2	M+P-XYLENE	50	19000	650	220		
95-47-6	O-XYLENE	50	9700	650	220		
100-42-5	STYRENE	50	650	650	220	U	
75-25-2	BROMOFORM	50	650	650	220	U	
98-82-8	ISOPROPYLBENZENE	50	3600	650	220		
96-18-4	1,2,3-TRICHLOROPROPANE	50	440	650	220	J	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	650	650	220	U	
108-86-1	BROMOBENZENE	50	650	650	220	U	
103-65-1	N-PROPYLBENZENE	50	6200	650	220		
95-49-8	2-CHLOROTOLUENE	50	650	650	220	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43849

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3100	650	220		
106-43-4	4-CHLOROTOLUENE	50	650	650	220	U	
98-06-6	TERT-BUTYLBENZENE	50	650	650	220	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	18000	650	220		
135-98-8	SEC-BUTYLBENZENE	50	6000	650	220		
541-73-1	1,3-DICHLOROBENZENE	50	650	650	220	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1700	650	220		
106-46-7	1,4-DICHLOROBENZENE	50	650	650	220	U	
104-51-8	N-BUTYLBENZENE	50	3600	650	220		
95-50-1	1,2-DICHLOROBENZENE	50	650	650	220	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1300	1300	430	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	650	650	220	U	
87-68-3	HEXACHLOROBUTADIENE	50	650	650	220	U	
91-20-3	NAPHTHALENE	50	8800	650	220		
87-61-6	1,2,3-TRICHLOROBENZENE	50	650	650	220	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	5170		6510	79	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	5550		6510	85	61 - 134
2037-26-5	TOLUENE-D8	5200		6510	80	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43850

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	660	660	220	U	
74-87-3	CHLOROMETHANE	50	660	660	220	U	
75-01-4	VINYL CHLORIDE	50	660	660	220	U	
74-83-9	BROMOMETHANE	50	660	660	220	U	
75-00-3	CHLOROETHANE	50	660	660	220	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	660	660	220	U	
75-35-4	1,1-DICHLOROETHENE	50	660	660	220	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	660	660	220	U	
67-64-1	ACETONE	50	1600	2600	880	J,B	
74-88-4	IODOMETHANE	50	660	660	220	U	
75-15-0	CARBON DISULFIDE	50	660	660	220	U	
75-09-2	METHYLENE CHLORIDE	50	660	660	220	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	660	660	220	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	660	660	220	U	
75-34-3	1,1-DICHLOROETHANE	50	660	660	220	U	
108-05-4	VINYL ACETATE	50	2600	2600	440	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	660	660	220	U	
78-93-3	2-BUTANONE	50	2600	2600	880	U	
74-97-5	BROMOCHLOROMETHANE	50	660	660	220	U	
67-66-3	CHLOROFORM	50	660	660	220	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	660	660	220	U	
594-20-7	2,2-DICHLOROPROPANE	50	660	660	220	U	
56-23-5	CARBON TETRACHLORIDE	50	660	660	220	U	
563-58-6	1,1-DICHLOROPROPENE	50	660	660	220	U	
107-06-2	1,2-DICHLOROETHANE	50	660	660	220	U	
71-43-2	BENZENE	50	1000	660	220		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43850

79-01-6	TRICHLOROETHENE	50	660	660	220	U	
78-87-5	1,2-DICHLOROPROPANE	50	660	660	220	U	
74-95-3	DIBROMOMETHANE	50	660	660	220	U	
75-27-4	BROMODICHLOROMETHANE	50	660	660	220	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	660	660	220	U	
108-10-1	4-METHYL-2-PENTANONE	50	2600	2600	880	U	
108-88-3	TOLUENE	50	9200	660	220		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	660	660	220	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	660	660	220	U	
591-78-6	2-HEXANONE	50	2600	2600	880	U	
127-18-4	TETRACHLOROETHENE	50	660	660	220	U	
142-28-9	1,3-DICHLOROPROPANE	50	660	660	220	U	
124-48-1	DIBROMOCHLOROMETHANE	50	660	660	220	U	
106-93-4	1,2-DIBROMOETHANE	50	660	660	220	U	
544-10-5	1-CHLOROHEXANE	50	660	660	220	U	
108-90-7	CHLOROBENZENE	50	660	660	220	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	660	660	220	U	
100-41-4	ETHYLBENZENE	50	12000	660	220		
136777-61-2	M+P-XYLENE	50	17000	660	220		
95-47-6	O-XYLENE	50	8600	660	220		
100-42-5	STYRENE	50	660	660	220	U	
75-25-2	BROMOFORM	50	660	660	220	U	
98-82-8	ISOPROPYLBENZENE	50	3100	660	220		
96-18-4	1,2,3-TRICHLOROPROPANE	50	830	660	220		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	660	660	220	U	
108-86-1	BROMOBENZENE	50	660	660	220	U	
103-65-1	N-PROPYLBENZENE	50	5600	660	220		
95-49-8	2-CHLOROTOLUENE	50	660	660	220	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43850

108-67-8	1,3,5-TRIMETHYLBENZENE	50	2700	660	220		
106-43-4	4-CHLOROTOLUENE	50	660	660	220	U	
98-06-6	TERT-BUTYLBENZENE	50	660	660	220	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	16000	660	220		
135-98-8	SEC-BUTYLBENZENE	50	5200	660	220		
541-73-1	1,3-DICHLOROBENZENE	50	660	660	220	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1500	660	220		
106-46-7	1,4-DICHLOROBENZENE	50	660	660	220	U	
104-51-8	N-BUTYLBENZENE	50	3100	660	220		
95-50-1	1,2-DICHLOROBENZENE	50	660	660	220	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1300	1300	440	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	660	660	220	U	
87-68-3	HEXACHLOROBUTADIENE	50	660	660	220	U	
91-20-3	NAPHTHALENE	50	8700	660	220		
87-61-6	1,2,3-TRICHLOROBENZENE	50	660	660	220	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	5250		6590	80	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	5620		6590	85	61 - 134
2037-26-5	TOLUENE-D8	5190		6590	79	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43851

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	530	530	180	U	
74-87-3	CHLOROMETHANE	50	530	530	180	U	
75-01-4	VINYL CHLORIDE	50	530	530	180	U	
74-83-9	BROMOMETHANE	50	530	530	180	U	
75-00-3	CHLOROETHANE	50	530	530	180	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	530	530	180	U	
75-35-4	1,1-DICHLOROETHENE	50	530	530	180	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	530	530	180	U	
67-64-1	ACETONE	50	2400	2100	710	B	
74-88-4	IODOMETHANE	50	530	530	180	U	
75-15-0	CARBON DISULFIDE	50	530	530	180	U	
75-09-2	METHYLENE CHLORIDE	50	530	530	180	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	530	530	180	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	530	530	180	U	
75-34-3	1,1-DICHLOROETHANE	50	530	530	180	U	
108-05-4	VINYL ACETATE	50	2100	2100	350	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	530	530	180	U	
78-93-3	2-BUTANONE	50	2100	2100	710	U	
74-97-5	BROMOCHLOROMETHANE	50	530	530	180	U	
67-66-3	CHLOROFORM	50	530	530	180	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	530	530	180	U	
594-20-7	2,2-DICHLOROPROPANE	50	530	530	180	U	
56-23-5	CARBON TETRACHLORIDE	50	530	530	180	U	
563-58-6	1,1-DICHLOROPROPENE	50	530	530	180	U	
107-06-2	1,2-DICHLOROETHANE	50	530	530	180	U	
71-43-2	BENZENE	50	2900	530	180		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43851

79-01-6	TRICHLOROETHENE	50	530	530	180	U	
78-87-5	1,2-DICHLOROPROPANE	50	530	530	180	U	
74-95-3	DIBROMOMETHANE	50	530	530	180	U	
75-27-4	BROMODICHLOROMETHANE	50	530	530	180	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	530	530	180	U	
108-10-1	4-METHYL-2-PENTANONE	50	2100	2100	710	U	
108-88-3	TOLUENE	50	14000	530	180		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	530	530	180	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	530	530	180	U	
591-78-6	2-HEXANONE	50	2100	2100	710	U	
127-18-4	TETRACHLOROETHENE	50	530	530	180	U	
142-28-9	1,3-DICHLOROPROPANE	50	530	530	180	U	
124-48-1	DIBROMOCHLOROMETHANE	50	530	530	180	U	
106-93-4	1,2-DIBROMOETHANE	50	530	530	180	U	
544-10-5	1-CHLOROHEXANE	50	530	530	180	U	
108-90-7	CHLOROBENZENE	50	530	530	180	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	530	530	180	U	
100-41-4	ETHYLBENZENE	50	12000	530	180		
136777-61-2	M+P-XYLENE	50	17000	530	180		
95-47-6	O-XYLENE	50	8000	530	180		
100-42-5	STYRENE	50	530	530	180	U	
75-25-2	BROMOFORM	50	530	530	180	U	
98-82-8	ISOPROPYLBENZENE	50	3100	530	180		
96-18-4	1,2,3-TRICHLOROPROPANE	50	870	530	180		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	530	530	180	U	
108-86-1	BROMOBENZENE	50	530	530	180	U	
103-65-1	N-PROPYLBENZENE	50	5900	530	180		
95-49-8	2-CHLOROTOLUENE	50	530	530	180	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43851

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3100	530	180		
106-43-4	4-CHLOROTOLUENE	50	530	530	180	U	
98-06-6	TERT-BUTYLBENZENE	50	530	530	180	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	17000	530	180		
135-98-8	SEC-BUTYLBENZENE	50	5500	530	180		
541-73-1	1,3-DICHLOROBENZENE	50	530	530	180	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1700	530	180		
106-46-7	1,4-DICHLOROBENZENE	50	530	530	180	U	
104-51-8	N-BUTYLBENZENE	50	3700	530	180		
95-50-1	1,2-DICHLOROBENZENE	50	530	530	180	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1100	1100	350	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	530	530	180	U	
87-68-3	HEXACHLOROBUTADIENE	50	530	530	180	U	
91-20-3	NAPHTHALENE	50	8000	530	180		
87-61-6	1,2,3-TRICHLOROBENZENE	50	530	530	180	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4060		5290	77	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	4440		5290	84	61 - 134
2037-26-5	TOLUENE-D8	3970		5290	75	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5RR1

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43864

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	100	1100	1100	350	U	
74-87-3	CHLOROMETHANE	100	1100	1100	350	U	
75-01-4	VINYL CHLORIDE	100	1100	1100	350	U	
74-83-9	BROMOMETHANE	100	1100	1100	350	U	
75-00-3	CHLOROETHANE	100	1100	1100	350	U	
75-69-4	TRICHLOROFLUOROMETHANE	100	1100	1100	350	U	
75-35-4	1,1-DICHLOROETHENE	100	1100	1100	350	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	100	1100	1100	350	U	
67-64-1	ACETONE	100	4200	4200	1400	U	
74-88-4	IODOMETHANE	100	1100	1100	350	U	
75-15-0	CARBON DISULFIDE	100	1100	1100	350	U	
75-09-2	METHYLENE CHLORIDE	100	1100	1100	350	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	100	1100	1100	350	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	100	1100	1100	350	U	
75-34-3	1,1-DICHLOROETHANE	100	1100	1100	350	U	
108-05-4	VINYL ACETATE	100	4200	4200	710	U	
156-59-2	CIS-1,2-DICHLOROETHENE	100	1100	1100	350	U	
78-93-3	2-BUTANONE	100	4200	4200	1400	U	
74-97-5	BROMOCHLOROMETHANE	100	1100	1100	350	U	
67-66-3	CHLOROFORM	100	1100	1100	350	U	
71-55-6	1,1,1-TRICHLOROETHANE	100	1100	1100	350	U	
594-20-7	2,2-DICHLOROPROPANE	100	1100	1100	350	U	
56-23-5	CARBON TETRACHLORIDE	100	1100	1100	350	U	
563-58-6	1,1-DICHLOROPROPENE	100	1100	1100	350	U	
107-06-2	1,2-DICHLOROETHANE	100	1100	1100	350	U	
71-43-2	BENZENE	100	2900	1100	350		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5RR1

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43864

79-01-6	TRICHLOROETHENE	100	1100	1100	350	U	
78-87-5	1,2-DICHLOROPROPANE	100	1100	1100	350	U	
74-95-3	DIBROMOMETHANE	100	1100	1100	350	U	
75-27-4	BROMODICHLOROMETHANE	100	1100	1100	350	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	100	1100	1100	350	U	
108-10-1	4-METHYL-2-PENTANONE	100	4200	4200	1400	U	
108-88-3	TOLUENE	100	14000	1100	350		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	100	1100	1100	350	U	
79-00-5	1,1,2-TRICHLOROETHANE	100	1100	1100	350	U	
591-78-6	2-HEXANONE	100	4200	4200	1400	U	
127-18-4	TETRACHLOROETHENE	100	1100	1100	350	U	
142-28-9	1,3-DICHLOROPROPANE	100	1100	1100	350	U	
124-48-1	DIBROMOCHLOROMETHANE	100	1100	1100	350	U	
106-93-4	1,2-DIBROMOETHANE	100	1100	1100	350	U	
544-10-5	1-CHLOROHEXANE	100	1100	1100	350	U	
108-90-7	CHLOROBENZENE	100	1100	1100	350	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	100	1100	1100	350	U	
100-41-4	ETHYLBENZENE	100	12000	1100	350		
136777-61-2	M+P-XYLENE	100	17000	1100	350		
95-47-6	O-XYLENE	100	8000	1100	350		
100-42-5	STYRENE	100	1100	1100	350	U	
75-25-2	BROMOFORM	100	1100	1100	350	U	
98-82-8	ISOPROPYLBENZENE	100	2900	1100	350		
96-18-4	1,2,3-TRICHLOROPROPANE	100	1300	1100	350		
79-34-5	1,1,2,2-TETRACHLOROETHANE	100	1100	1100	350	U	
108-86-1	BROMOBENZENE	100	1100	1100	350	U	
103-65-1	N-PROPYLBENZENE	100	5200	1100	350		
95-49-8	2-CHLOROTOLUENE	100	1100	1100	350	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5RR1

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43864

108-67-8	1,3,5-TRIMETHYLBENZENE	100	3600	1100	350		
106-43-4	4-CHLOROTOLUENE	100	1100	1100	350	U	
98-06-6	TERT-BUTYLBENZENE	100	1100	1100	350	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	100	15000	1100	350		
135-98-8	SEC-BUTYLBENZENE	100	4900	1100	350		
541-73-1	1,3-DICHLOROBENZENE	100	1100	1100	350	U	
99-87-6	P-ISOPROPYLTOLUENE	100	1400	1100	350		
106-46-7	1,4-DICHLOROBENZENE	100	1100	1100	350	U	
104-51-8	N-BUTYLBENZENE	100	3300	1100	350		
95-50-1	1,2-DICHLOROBENZENE	100	1100	1100	350	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	100	2100	2100	710	U	
120-82-1	1,2,4-TRICHLOROBENZENE	100	1100	1100	350	U	
87-68-3	HEXACHLOROBUTADIENE	100	1100	1100	350	U	
91-20-3	NAPHTHALENE	100	7900	1100	350		
87-61-6	1,2,3-TRICHLOROBENZENE	100	1100	1100	350	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	8350		10600	79	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	9000		10600	85	61 - 134
2037-26-5	TOLUENE-D8	8300		10600	78	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43852

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	550	550	180	U	
74-87-3	CHLOROMETHANE	50	550	550	180	U	
75-01-4	VINYL CHLORIDE	50	550	550	180	U	
74-83-9	BROMOMETHANE	50	550	550	180	U	
75-00-3	CHLOROETHANE	50	550	550	180	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	550	550	180	U	
75-35-4	1,1-DICHLOROETHENE	50	550	550	180	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	550	550	180	U	
67-64-1	ACETONE	50	2200	2200	740	U	
74-88-4	IODOMETHANE	50	550	550	180	U	
75-15-0	CARBON DISULFIDE	50	550	550	180	U	
75-09-2	METHYLENE CHLORIDE	50	550	550	180	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	550	550	180	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	550	550	180	U	
75-34-3	1,1-DICHLOROETHANE	50	550	550	180	U	
108-05-4	VINYL ACETATE	50	2200	2200	370	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	550	550	180	U	
78-93-3	2-BUTANONE	50	2200	2200	740	U	
74-97-5	BROMOCHLOROMETHANE	50	550	550	180	U	
67-66-3	CHLOROFORM	50	550	550	180	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	550	550	180	U	
594-20-7	2,2-DICHLOROPROPANE	50	550	550	180	U	
56-23-5	CARBON TETRACHLORIDE	50	550	550	180	U	
563-58-6	1,1-DICHLOROPROPENE	50	550	550	180	U	
107-06-2	1,2-DICHLOROETHANE	50	550	550	180	U	
71-43-2	BENZENE	50	1800	550	180		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QC Batch ID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43852

79-01-6	TRICHLOROETHENE	50	550	550	180	U	
78-87-5	1,2-DICHLOROPROPANE	50	550	550	180	U	
74-95-3	DIBROMOMETHANE	50	550	550	180	U	
75-27-4	BROMODICHLOROMETHANE	50	550	550	180	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	550	550	180	U	
108-10-1	4-METHYL-2-PENTANONE	50	2200	2200	740	U	
108-88-3	TOLUENE	50	10000	550	180		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	550	550	180	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	550	550	180	U	
591-78-6	2-HEXANONE	50	2200	2200	740	U	
127-18-4	TETRACHLOROETHENE	50	550	550	180	U	
142-28-9	1,3-DICHLOROPROPANE	50	550	550	180	U	
124-48-1	DIBROMOCHLOROMETHANE	50	550	550	180	U	
106-93-4	1,2-DIBROMOETHANE	50	550	550	180	U	
544-10-5	1-CHLOROHEXANE	50	550	550	180	U	
108-90-7	CHLOROBENZENE	50	550	550	180	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	550	550	180	U	
100-41-4	ETHYLBENZENE	50	12000	550	180		
136777-61-2	M+P-XYLENE	50	17000	550	180		
95-47-6	O-XYLENE	50	8600	550	180		
100-42-5	STYRENE	50	550	550	180	U	
75-25-2	BROMOFORM	50	550	550	180	U	
98-82-8	ISOPROPYLBENZENE	50	3200	550	180		
96-18-4	1,2,3-TRICHLOROPROPANE	50	670	550	180		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	550	550	180	U	
108-86-1	BROMOBENZENE	50	550	550	180	U	
103-65-1	N-PROPYLBENZENE	50	5800	550	180		
95-49-8	2-CHLOROTOLUENE	50	550	550	180	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43852

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3200	550	180		
106-43-4	4-CHLOROTOLUENE	50	550	550	180	U	
98-06-6	TERT-BUTYLBENZENE	50	550	550	180	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	17000	550	180	E	
135-98-8	SEC-BUTYLBENZENE	50	5700	550	180		
541-73-1	1,3-DICHLOROBENZENE	50	550	550	180	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1700	550	180		
106-46-7	1,4-DICHLOROBENZENE	50	550	550	180	U	
104-51-8	N-BUTYLBENZENE	50	3400	550	180		
95-50-1	1,2-DICHLOROBENZENE	50	550	550	180	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	1100	1100	370	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	550	550	180	U	
87-68-3	HEXACHLOROBUTADIENE	50	550	550	180	U	
91-20-3	NAPHTHALENE	50	8400	550	180		
87-61-6	1,2,3-TRICHLOROBENZENE	50	550	550	180	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	4410		5540	80	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	4820		5540	87	61 - 134
2037-26-5	TOLUENE-D8	4260		5540	77	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6RR1

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43865

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	100	1100	1100	370	U	
74-87-3	CHLOROMETHANE	100	1100	1100	370	U	
75-01-4	VINYL CHLORIDE	100	1100	1100	370	U	
74-83-9	BROMOMETHANE	100	1100	1100	370	U	
75-00-3	CHLOROETHANE	100	1100	1100	370	U	
75-69-4	TRICHLOROFLUOROMETHANE	100	1100	1100	370	U	
75-35-4	1,1-DICHLOROETHENE	100	1100	1100	370	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	100	1100	1100	370	U	
67-64-1	ACETONE	100	2200	4400	1500	J,B	
74-88-4	IODOMETHANE	100	1100	1100	370	U	
75-15-0	CARBON DISULFIDE	100	1100	1100	370	U	
75-09-2	METHYLENE CHLORIDE	100	1100	1100	370	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	100	1100	1100	370	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	100	1100	1100	370	U	
75-34-3	1,1-DICHLOROETHANE	100	1100	1100	370	U	
108-05-4	VINYL ACETATE	100	4400	4400	740	U	
156-59-2	CIS-1,2-DICHLOROETHENE	100	1100	1100	370	U	
78-93-3	2-BUTANONE	100	4400	4400	1500	U	
74-97-5	BROMOCHLOROMETHANE	100	1100	1100	370	U	
67-66-3	CHLOROFORM	100	1100	1100	370	U	
71-55-6	1,1,1-TRICHLOROETHANE	100	1100	1100	370	U	
594-20-7	2,2-DICHLOROPROPANE	100	1100	1100	370	U	
56-23-5	CARBON TETRACHLORIDE	100	1100	1100	370	U	
563-58-6	1,1-DICHLOROPROPENE	100	1100	1100	370	U	
107-06-2	1,2-DICHLOROETHANE	100	1100	1100	370	U	
71-43-2	BENZENE	100	1600	1100	370		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6RR1

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43865

79-01-6	TRICHLOROETHENE	100	1100	1100	370	U	
78-87-5	1,2-DICHLOROPROPANE	100	1100	1100	370	U	
74-95-3	DIBROMOMETHANE	100	1100	1100	370	U	
75-27-4	BROMODICHLOROMETHANE	100	1100	1100	370	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	100	1100	1100	370	U	
108-10-1	4-METHYL-2-PENTANONE	100	4400	4400	1500	U	
108-88-3	TOLUENE	100	9900	1100	370		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	100	1100	1100	370	U	
79-00-5	1,1,2-TRICHLOROETHANE	100	1100	1100	370	U	
591-78-6	2-HEXANONE	100	4400	4400	1500	U	
127-18-4	TETRACHLOROETHENE	100	1100	1100	370	U	
142-28-9	1,3-DICHLOROPROPANE	100	1100	1100	370	U	
124-48-1	DIBROMOCHLOROMETHANE	100	1100	1100	370	U	
106-93-4	1,2-DIBROMOETHANE	100	1100	1100	370	U	
544-10-5	1-CHLOROHEXANE	100	1100	1100	370	U	
108-90-7	CHLOROBENZENE	100	1100	1100	370	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	100	1100	1100	370	U	
100-41-4	ETHYLBENZENE	100	12000	1100	370		
136777-61-2	M+P-XYLENE	100	16000	1100	370		
95-47-6	O-XYLENE	100	8000	1100	370		
100-42-5	STYRENE	100	1100	1100	370	U	
75-25-2	BROMOFORM	100	1100	1100	370	U	
98-82-8	ISOPROPYLBENZENE	100	3000	1100	370		
96-18-4	1,2,3-TRICHLOROPROPANE	100	1100	1100	370	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	100	1100	1100	370	U	
108-86-1	BROMOBENZENE	100	1100	1100	370	U	
103-65-1	N-PROPYLBENZENE	100	5000	1100	370		
95-49-8	2-CHLOROTOLUENE	100	1100	1100	370	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6RR1

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43865

108-67-8	1,3,5-TRIMETHYLBENZENE	100	2300	1100	370		
106-43-4	4-CHLOROTOLUENE	100	1100	1100	370	U	
98-06-6	TERT-BUTYLBENZENE	100	1100	1100	370	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	100	14000	1100	370		
135-98-8	SEC-BUTYLBENZENE	100	4800	1100	370		
541-73-1	1,3-DICHLOROBENZENE	100	1100	1100	370	U	
99-87-6	P-ISOPROPYLTOLUENE	100	1300	1100	370		
106-46-7	1,4-DICHLOROBENZENE	100	1100	1100	370	U	
104-51-8	N-BUTYLBENZENE	100	2900	1100	370		
95-50-1	1,2-DICHLOROBENZENE	100	1100	1100	370	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	100	2200	2200	740	U	
120-82-1	1,2,4-TRICHLOROBENZENE	100	1100	1100	370	U	
87-68-3	HEXACHLOROBUTADIENE	100	1100	1100	370	U	
91-20-3	NAPHTHALENE	100	8400	1100	370		
87-61-6	1,2,3-TRICHLOROBENZENE	100	1100	1100	370	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	9140		11100	83	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	9310		11100	84	61 - 134
2037-26-5	TOLUENE-D8	9150		11100	83	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43853

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	440	440	150	U	
74-87-3	CHLOROMETHANE	50	440	440	150	U	
75-01-4	VINYL CHLORIDE	50	440	440	150	U	
74-83-9	BROMOMETHANE	50	440	440	150	U	
75-00-3	CHLOROETHANE	50	440	440	150	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	440	440	150	U	
75-35-4	1,1-DICHLOROETHENE	50	440	440	150	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	440	440	150	U	
67-64-1	ACETONE	50	1300	1800	580	J,B	
74-88-4	IODOMETHANE	50	440	440	150	U	
75-15-0	CARBON DISULFIDE	50	440	440	150	U	
75-09-2	METHYLENE CHLORIDE	50	440	440	150	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	440	440	150	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	440	440	150	U	
75-34-3	1,1-DICHLOROETHANE	50	440	440	150	U	
108-05-4	VINYL ACETATE	50	1800	1800	290	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	440	440	150	U	
78-93-3	2-BUTANONE	50	1800	1800	580	U	
74-97-5	BROMOCHLOROMETHANE	50	440	440	150	U	
67-66-3	CHLOROFORM	50	440	440	150	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	440	440	150	U	
594-20-7	2,2-DICHLOROPROPANE	50	440	440	150	U	
56-23-5	CARBON TETRACHLORIDE	50	440	440	150	U	
563-58-6	1,1-DICHLOROPROPENE	50	440	440	150	U	
107-06-2	1,2-DICHLOROETHANE	50	440	440	150	U	
71-43-2	BENZENE	50	1300	440	150		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43853

79-01-6	TRICHLOROETHENE	50	440	440	150	U	
78-87-5	1,2-DICHLOROPROPANE	50	440	440	150	U	
74-95-3	DIBROMOMETHANE	50	440	440	150	U	
75-27-4	BROMODICHLOROMETHANE	50	440	440	150	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	440	440	150	U	
108-10-1	4-METHYL-2-PENTANONE	50	1800	1800	580	U	
108-88-3	TOLUENE	50	7100	440	150		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	440	440	150	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	440	440	150	U	
591-78-6	2-HEXANONE	50	1800	1800	580	U	
127-18-4	TETRACHLOROETHENE	50	440	440	150	U	
142-28-9	1,3-DICHLOROPROPANE	50	440	440	150	U	
124-48-1	DIBROMOCHLOROMETHANE	50	440	440	150	U	
106-93-4	1,2-DIBROMOETHANE	50	440	440	150	U	
544-10-5	1-CHLOROHEXANE	50	440	440	150	U	
108-90-7	CHLOROBENZENE	50	440	440	150	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	440	440	150	U	
100-41-4	ETHYLBENZENE	50	8300	440	150		
136777-61-2	M+P-XYLENE	50	11000	440	150		
95-47-6	O-XYLENE	50	5400	440	150		
100-42-5	STYRENE	50	440	440	150	U	
75-25-2	BROMOFORM	50	440	440	150	U	
98-82-8	ISOPROPYLBENZENE	50	2300	440	150		
96-18-4	1,2,3-TRICHLOROPROPANE	50	1100	440	150		
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	440	440	150	U	
108-86-1	BROMOBENZENE	50	440	440	150	U	
103-65-1	N-PROPYLBENZENE	50	4900	440	150		
95-49-8	2-CHLOROTOLUENE	50	440	440	150	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43853

108-67-8	1,3,5-TRIMETHYLBENZENE	50	3000	440	150		
106-43-4	4-CHLOROTOLUENE	50	440	440	150	U	
98-06-6	TERT-BUTYLBENZENE	50	440	440	150	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	15000	440	150	E	
135-98-8	SEC-BUTYLBENZENE	50	5600	440	150		
541-73-1	1,3-DICHLOROBENZENE	50	440	440	150	U	
99-87-6	P-ISOPROPYLTOLUENE	50	1500	440	150		
106-46-7	1,4-DICHLOROBENZENE	50	440	440	150	U	
104-51-8	N-BUTYLBENZENE	50	3600	440	150		
95-50-1	1,2-DICHLOROBENZENE	50	440	440	150	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	880	880	290	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	440	440	150	U	
87-68-3	HEXACHLOROBUTADIENE	50	440	440	150	U	
91-20-3	NAPHTHALENE	50	6600	440	150		
87-61-6	1,2,3-TRICHLOROBENZENE	50	440	440	150	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	3440		4380	79	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	3850		4380	88	61 - 134
2037-26-5	TOLUENE-D8	3450		4380	79	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7RR1

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43866

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	100	880	880	290	U	
74-87-3	CHLOROMETHANE	100	880	880	290	U	
75-01-4	VINYL CHLORIDE	100	880	880	290	U	
74-83-9	BROMOMETHANE	100	880	880	290	U	
75-00-3	CHLOROETHANE	100	880	880	290	U	
75-69-4	TRICHLOROFLUOROMETHANE	100	880	880	290	U	
75-35-4	1,1-DICHLOROETHENE	100	880	880	290	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	100	880	880	290	U	
67-64-1	ACETONE	100	3500	3500	1200	U	
74-88-4	IODOMETHANE	100	880	880	290	U	
75-15-0	CARBON DISULFIDE	100	880	880	290	U	
75-09-2	METHYLENE CHLORIDE	100	880	880	290	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	100	880	880	290	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	100	880	880	290	U	
75-34-3	1,1-DICHLOROETHANE	100	880	880	290	U	
108-05-4	VINYL ACETATE	100	3500	3500	580	U	
156-59-2	CIS-1,2-DICHLOROETHENE	100	880	880	290	U	
78-93-3	2-BUTANONE	100	3500	3500	1200	U	
74-97-5	BROMOCHLOROMETHANE	100	880	880	290	U	
67-66-3	CHLOROFORM	100	880	880	290	U	
71-55-6	1,1,1-TRICHLOROETHANE	100	880	880	290	U	
594-20-7	2,2-DICHLOROPROPANE	100	880	880	290	U	
56-23-5	CARBON TETRACHLORIDE	100	880	880	290	U	
563-58-6	1,1-DICHLOROPROPENE	100	880	880	290	U	
107-06-2	1,2-DICHLOROETHANE	100	880	880	290	U	
71-43-2	BENZENE	100	1300	880	290		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7RR1

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QC Batch ID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43866

79-01-6	TRICHLOROETHENE	100	880	880	290	U	
78-87-5	1,2-DICHLOROPROPANE	100	880	880	290	U	
74-95-3	DIBROMOMETHANE	100	880	880	290	U	
75-27-4	BROMODICHLOROMETHANE	100	880	880	290	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	100	880	880	290	U	
108-10-1	4-METHYL-2-PENTANONE	100	3500	3500	1200	U	
108-88-3	TOLUENE	100	7400	880	290		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	100	880	880	290	U	
79-00-5	1,1,2-TRICHLOROETHANE	100	880	880	290	U	
591-78-6	2-HEXANONE	100	3500	3500	1200	U	
127-18-4	TETRACHLOROETHENE	100	880	880	290	U	
142-28-9	1,3-DICHLOROPROPANE	100	880	880	290	U	
124-48-1	DIBROMOCHLOROMETHANE	100	880	880	290	U	
106-93-4	1,2-DIBROMOETHANE	100	880	880	290	U	
544-10-5	1-CHLOROHEXANE	100	880	880	290	U	
108-90-7	CHLOROBENZENE	100	880	880	290	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	100	880	880	290	U	
100-41-4	ETHYLBENZENE	100	8900	880	290		
136777-61-2	M+P-XYLENE	100	12000	880	290		
95-47-6	O-XYLENE	100	5800	880	290		
100-42-5	STYRENE	100	880	880	290	U	
75-25-2	BROMOFORM	100	880	880	290	U	
98-82-8	ISOPROPYLBENZENE	100	2600	880	290		
96-18-4	1,2,3-TRICHLOROPROPANE	100	880	880	290	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	100	880	880	290	U	
108-86-1	BROMOBENZENE	100	880	880	290	U	
103-65-1	N-PROPYLBENZENE	100	4800	880	290		
95-49-8	2-CHLOROTOLUENE	100	880	880	290	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7RR1

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43866

108-67-8	1,3,5-TRIMETHYLBENZENE	100	2300	880	290		
106-43-4	4-CHLOROTOLUENE	100	880	880	290	U	
98-06-6	TERT-BUTYLBENZENE	100	880	880	290	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	100	14000	880	290		
135-98-8	SEC-BUTYLBENZENE	100	5300	880	290		
541-73-1	1,3-DICHLOROBENZENE	100	880	880	290	U	
99-87-6	P-ISOPROPYLTOLUENE	100	1500	880	290		
106-46-7	1,4-DICHLOROBENZENE	100	880	880	290	U	
104-51-8	N-BUTYLBENZENE	100	3400	880	290		
95-50-1	1,2-DICHLOROBENZENE	100	880	880	290	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	100	1800	1800	580	U	
120-82-1	1,2,4-TRICHLOROBENZENE	100	880	880	290	U	
87-68-3	HEXACHLOROBUTADIENE	100	880	880	290	U	
91-20-3	NAPHTHALENE	100	6100	880	290		
87-61-6	1,2,3-TRICHLOROBENZENE	100	880	880	290	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	7010		8760	80	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	7670		8760	88	61 - 134
2037-26-5	TOLUENE-D8	7070		8760	81	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43854

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	50	320	320	110	U	
74-87-3	CHLOROMETHANE	50	320	320	110	U	
75-01-4	VINYL CHLORIDE	50	320	320	110	U	
74-83-9	BROMOMETHANE	50	320	320	110	U	
75-00-3	CHLOROETHANE	50	320	320	110	U	
75-69-4	TRICHLOROFLUOROMETHANE	50	320	320	110	U	
75-35-4	1,1-DICHLOROETHENE	50	320	320	110	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	50	320	320	110	U	
67-64-1	ACETONE	50	2300	1300	430	B	
74-88-4	IODOMETHANE	50	320	320	110	U	
75-15-0	CARBON DISULFIDE	50	320	320	110	U	
75-09-2	METHYLENE CHLORIDE	50	320	320	110	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	320	320	110	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	50	320	320	110	U	
75-34-3	1,1-DICHLOROETHANE	50	320	320	110	U	
108-05-4	VINYL ACETATE	50	1300	1300	210	U	
156-59-2	CIS-1,2-DICHLOROETHENE	50	320	320	110	U	
78-93-3	2-BUTANONE	50	1300	1300	430	U	
74-97-5	BROMOCHLOROMETHANE	50	320	320	110	U	
67-66-3	CHLOROFORM	50	320	320	110	U	
71-55-6	1,1,1-TRICHLOROETHANE	50	320	320	110	U	
594-20-7	2,2-DICHLOROPROPANE	50	320	320	110	U	
56-23-5	CARBON TETRACHLORIDE	50	320	320	110	U	
563-58-6	1,1-DICHLOROPROPENE	50	320	320	110	U	
107-06-2	1,2-DICHLOROETHANE	50	320	320	110	U	
71-43-2	BENZENE	50	1200	320	110		

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8	Sample Matrix: SOLID	Prep Batch: VL070226-2	Sample Aliquot: 5g
Lab ID: 0702150-8	% Moisture: 22.2	QCBatchID: VL070226-2-1	Final Volume: 5 ml
	Date Collected: 16-Feb-07	Run ID: VL070226-2A	Result Units: ug/kg
	Date Extracted: 26-Feb-07	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 26-Feb-07	Basis: Dry Weight	File Name: B43854
	Prep Method: SW5035 Rev A		

79-01-6	TRICHLOROETHENE	50	320	320	110	U	
78-87-5	1,2-DICHLOROPROPANE	50	320	320	110	U	
74-95-3	DIBROMOMETHANE	50	320	320	110	U	
75-27-4	BROMODICHLOROMETHANE	50	320	320	110	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	50	320	320	110	U	
108-10-1	4-METHYL-2-PENTANONE	50	1300	1300	430	U	
108-88-3	TOLUENE	50	5100	320	110		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	50	320	320	110	U	
79-00-5	1,1,2-TRICHLOROETHANE	50	320	320	110	U	
591-78-6	2-HEXANONE	50	1300	1300	430	U	
127-18-4	TETRACHLOROETHENE	50	320	320	110	U	
142-28-9	1,3-DICHLOROPROPANE	50	320	320	110	U	
124-48-1	DIBROMOCHLOROMETHANE	50	320	320	110	U	
106-93-4	1,2-DIBROMOETHANE	50	320	320	110	U	
544-10-5	1-CHLOROHEXANE	50	320	320	110	U	
108-90-7	CHLOROBENZENE	50	320	320	110	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	50	320	320	110	U	
100-41-4	ETHYLBENZENE	50	3800	320	110		
136777-61-2	M+P-XYLENE	50	5600	320	110		
95-47-6	O-XYLENE	50	2200	320	110		
100-42-5	STYRENE	50	320	320	110	U	
75-25-2	BROMOFORM	50	320	320	110	U	
98-82-8	ISOPROPYLBENZENE	50	930	320	110		
96-18-4	1,2,3-TRICHLOROPROPANE	50	320	320	110	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	50	320	320	110	U	
108-86-1	BROMOBENZENE	50	320	320	110	U	
103-65-1	N-PROPYLBENZENE	50	2100	320	110		
95-49-8	2-CHLOROTOLUENE	50	320	320	110	U	

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW5035 Rev A

Prep Batch: VL070226-2

QCBatchID: VL070226-2-1

Run ID: VL070226-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43854

108-67-8	1,3,5-TRIMETHYLBENZENE	50	1200	320	110		
106-43-4	4-CHLOROTOLUENE	50	320	320	110	U	
98-06-6	TERT-BUTYLBENZENE	50	320	320	110	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	50	6100	320	110		
135-98-8	SEC-BUTYLBENZENE	50	2300	320	110		
541-73-1	1,3-DICHLOROBENZENE	50	320	320	110	U	
99-87-6	P-ISOPROPYLTOLUENE	50	780	320	110		
106-46-7	1,4-DICHLOROBENZENE	50	320	320	110	U	
104-51-8	N-BUTYLBENZENE	50	1800	320	110		
95-50-1	1,2-DICHLOROBENZENE	50	320	320	110	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	50	640	640	210	U	
120-82-1	1,2,4-TRICHLOROBENZENE	50	320	320	110	U	
87-68-3	HEXACHLOROBUTADIENE	50	320	320	110	U	
91-20-3	NAPHTHALENE	50	2800	320	110		
87-61-6	1,2,3-TRICHLOROBENZENE	50	320	320	110	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2390		3210	74	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2740		3210	85	61 - 134
2037-26-5	TOLUENE-D8	2280		3210	71	57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43890

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: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43890

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: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QC Batch ID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43890

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

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	42		50	84	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	42.8		50	86	61 - 134
2037-26-5	TOLUENE-D8	43.6		50	87	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43891

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	470	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: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: ug/kg

Clean DF: 1

File Name: B43891

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

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2MMB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43891

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	2160		2500	86	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	2260		2500	90	61 - 134
2037-26-5	TOLUENE-D8	2210		2500	89	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43892

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1000	11000	11000	3800	U	
74-87-3	CHLOROMETHANE	1000	11000	11000	3800	U	
75-01-4	VINYL CHLORIDE	1000	11000	11000	3800	U	
74-83-9	BROMOMETHANE	1000	11000	11000	3800	U	
75-00-3	CHLOROETHANE	1000	11000	11000	3800	U	
75-69-4	TRICHLOROFLUOROMETHANE	1000	11000	11000	3800	U	
75-35-4	1,1-DICHLOROETHENE	1000	11000	11000	3800	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1000	11000	11000	3800	U	
67-64-1	ACETONE	1000	46000	46000	15000	U	
74-88-4	IODOMETHANE	1000	11000	11000	3800	U	
75-15-0	CARBON DISULFIDE	1000	11000	11000	3800	U	
75-09-2	METHYLENE CHLORIDE	1000	11000	11000	3800	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1000	11000	11000	3800	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1000	11000	11000	3800	U	
75-34-3	1,1-DICHLOROETHANE	1000	11000	11000	3800	U	
108-05-4	VINYL ACETATE	1000	46000	46000	7600	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1000	11000	11000	3800	U	
78-93-3	2-BUTANONE	1000	46000	46000	15000	U	
74-97-5	BROMOCHLOROMETHANE	1000	11000	11000	3800	U	
67-66-3	CHLOROFORM	1000	11000	11000	3800	U	
71-55-6	1,1,1-TRICHLOROETHANE	1000	11000	11000	3800	U	
594-20-7	2,2-DICHLOROPROPANE	1000	11000	11000	3800	U	
56-23-5	CARBON TETRACHLORIDE	1000	11000	11000	3800	U	
563-58-6	1,1-DICHLOROPROPENE	1000	11000	11000	3800	U	
107-06-2	1,2-DICHLOROETHANE	1000	11000	11000	3800	U	
71-43-2	BENZENE	1000	86000	11000	3800		

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43892

79-01-6	TRICHLOROETHENE	1000	11000	11000	3800	U	
78-87-5	1,2-DICHLOROPROPANE	1000	11000	11000	3800	U	
74-95-3	DIBROMOMETHANE	1000	11000	11000	3800	U	
75-27-4	BROMODICHLOROMETHANE	1000	11000	11000	3800	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1000	11000	11000	3800	U	
108-10-1	4-METHYL-2-PENTANONE	1000	46000	46000	15000	U	
108-88-3	TOLUENE	1000	200000	11000	3800		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1000	11000	11000	3800	U	
79-00-5	1,1,2-TRICHLOROETHANE	1000	11000	11000	3800	U	
591-78-6	2-HEXANONE	1000	46000	46000	15000	U	
127-18-4	TETRACHLOROETHENE	1000	11000	11000	3800	U	
142-28-9	1,3-DICHLOROPROPANE	1000	11000	11000	3800	U	
124-48-1	DIBROMOCHLOROMETHANE	1000	11000	11000	3800	U	
106-93-4	1,2-DIBROMOETHANE	1000	11000	11000	3800	U	
544-10-5	1-CHLOROHEXANE	1000	11000	11000	3800	U	
108-90-7	CHLOROBENZENE	1000	11000	11000	3800	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1000	11000	11000	3800	U	
100-41-4	ETHYLBENZENE	1000	51000	11000	3800		
136777-61-2	M+P-XYLENE	1000	73000	11000	3800		
95-47-6	O-XYLENE	1000	26000	11000	3800		
100-42-5	STYRENE	1000	11000	11000	3800	U	
75-25-2	BROMOFORM	1000	11000	11000	3800	U	
98-82-8	ISOPROPYLBENZENE	1000	4700	11000	3800	J	
96-18-4	1,2,3-TRICHLOROPROPANE	1000	11000	11000	3800	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1000	11000	11000	3800	U	
108-86-1	BROMOBENZENE	1000	11000	11000	3800	U	
103-65-1	N-PROPYLBENZENE	1000	8900	11000	3800	J	
95-49-8	2-CHLOROTOLUENE	1000	11000	11000	3800	U	

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43892

108-67-8	1,3,5-TRIMETHYLBENZENE	1000	6700	11000	3800	J	
106-43-4	4-CHLOROTOLUENE	1000	11000	11000	3800	U	
98-06-6	TERT-BUTYLBENZENE	1000	11000	11000	3800	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1000	17000	11000	3800		
135-98-8	SEC-BUTYLBENZENE	1000	11000	11000	3800	U	
541-73-1	1,3-DICHLOROBENZENE	1000	11000	11000	3800	U	
99-87-6	P-ISOPROPYLTOLUENE	1000	11000	11000	3800	U	
106-46-7	1,4-DICHLOROBENZENE	1000	11000	11000	3800	U	
104-51-8	N-BUTYLBENZENE	1000	11000	11000	3800	U	
95-50-1	1,2-DICHLOROBENZENE	1000	11000	11000	3800	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1000	23000	23000	7600	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1000	11000	11000	3800	U	
87-68-3	HEXACHLOROBUTADIENE	1000	11000	11000	3800	U	
91-20-3	NAPHTHALENE	1000	9000	11000	3800	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1000	11000	11000	3800	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	93300		114000	82	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	95600		114000	84	61 - 134
2037-26-5	TOLUENE-D8	95600		114000	84	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QC Batch ID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43893

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1000	13000	13000	4200	U	
74-87-3	CHLOROMETHANE	1000	13000	13000	4200	U	
75-01-4	VINYL CHLORIDE	1000	13000	13000	4200	U	
74-83-9	BROMOMETHANE	1000	13000	13000	4200	U	
75-00-3	CHLOROETHANE	1000	13000	13000	4200	U	
75-69-4	TRICHLOROFLUOROMETHANE	1000	13000	13000	4200	U	
75-35-4	1,1-DICHLOROETHENE	1000	13000	13000	4200	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1000	13000	13000	4200	U	
67-64-1	ACETONE	1000	50000	50000	17000	U	
74-88-4	IODOMETHANE	1000	13000	13000	4200	U	
75-15-0	CARBON DISULFIDE	1000	13000	13000	4200	U	
75-09-2	METHYLENE CHLORIDE	1000	13000	13000	4200	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1000	13000	13000	4200	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1000	13000	13000	4200	U	
75-34-3	1,1-DICHLOROETHANE	1000	13000	13000	4200	U	
108-05-4	VINYL ACETATE	1000	50000	50000	8400	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1000	13000	13000	4200	U	
78-93-3	2-BUTANONE	1000	50000	50000	17000	U	
74-97-5	BROMOCHLOROMETHANE	1000	13000	13000	4200	U	
67-66-3	CHLOROFORM	1000	13000	13000	4200	U	
71-55-6	1,1,1-TRICHLOROETHANE	1000	13000	13000	4200	U	
594-20-7	2,2-DICHLOROPROPANE	1000	13000	13000	4200	U	
56-23-5	CARBON TETRACHLORIDE	1000	13000	13000	4200	U	
563-58-6	1,1-DICHLOROPROPENE	1000	13000	13000	4200	U	
107-06-2	1,2-DICHLOROETHANE	1000	13000	13000	4200	U	
71-43-2	BENZENE	1000	76000	13000	4200		

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43893

79-01-6	TRICHLOROETHENE	1000	13000	13000	4200	U	
78-87-5	1,2-DICHLOROPROPANE	1000	13000	13000	4200	U	
74-95-3	DIBROMOMETHANE	1000	13000	13000	4200	U	
75-27-4	BROMODICHLOROMETHANE	1000	13000	13000	4200	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1000	13000	13000	4200	U	
108-10-1	4-METHYL-2-PENTANONE	1000	50000	50000	17000	U	
108-88-3	TOLUENE	1000	180000	13000	4200		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1000	13000	13000	4200	U	
79-00-5	1,1,2-TRICHLOROETHANE	1000	13000	13000	4200	U	
591-78-6	2-HEXANONE	1000	50000	50000	17000	U	
127-18-4	TETRACHLOROETHENE	1000	13000	13000	4200	U	
142-28-9	1,3-DICHLOROPROPANE	1000	13000	13000	4200	U	
124-48-1	DIBROMOCHLOROMETHANE	1000	13000	13000	4200	U	
106-93-4	1,2-DIBROMOETHANE	1000	13000	13000	4200	U	
544-10-5	1-CHLOROHEXANE	1000	13000	13000	4200	U	
108-90-7	CHLOROBENZENE	1000	13000	13000	4200	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1000	13000	13000	4200	U	
100-41-4	ETHYLBENZENE	1000	45000	13000	4200		
136777-61-2	M+P-XYLENE	1000	66000	13000	4200		
95-47-6	O-XYLENE	1000	23000	13000	4200		
100-42-5	STYRENE	1000	13000	13000	4200	U	
75-25-2	BROMOFORM	1000	13000	13000	4200	U	
98-82-8	ISOPROPYLBENZENE	1000	4400	13000	4200	J	
96-18-4	1,2,3-TRICHLOROPROPANE	1000	13000	13000	4200	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1000	13000	13000	4200	U	
108-86-1	BROMOBENZENE	1000	13000	13000	4200	U	
103-65-1	N-PROPYLBENZENE	1000	8000	13000	4200	J	
95-49-8	2-CHLOROTOLUENE	1000	13000	13000	4200	U	

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43893

108-67-8	1,3,5-TRIMETHYLBENZENE	1000	5500	13000	4200	J	
106-43-4	4-CHLOROTOLUENE	1000	13000	13000	4200	U	
98-06-6	TERT-BUTYLBENZENE	1000	13000	13000	4200	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1000	16000	13000	4200		
135-98-8	SEC-BUTYLBENZENE	1000	13000	13000	4200	U	
541-73-1	1,3-DICHLOROBENZENE	1000	13000	13000	4200	U	
99-87-6	P-ISOPROPYLTOLUENE	1000	13000	13000	4200	U	
106-46-7	1,4-DICHLOROBENZENE	1000	13000	13000	4200	U	
104-51-8	N-BUTYLBENZENE	1000	13000	13000	4200	U	
95-50-1	1,2-DICHLOROBENZENE	1000	13000	13000	4200	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1000	25000	25000	8400	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1000	13000	13000	4200	U	
87-68-3	HEXACHLOROBUTADIENE	1000	13000	13000	4200	U	
91-20-3	NAPHTHALENE	1000	9100	13000	4200	J	
87-61-6	1,2,3-TRICHLOROBENZENE	1000	13000	13000	4200	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	107000		126000	85	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	110000		126000	87	61 - 134
2037-26-5	TOLUENE-D8	111000		126000	88	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QC Batch ID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43894

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1000	12000	12000	3900	U	
74-87-3	CHLOROMETHANE	1000	12000	12000	3900	U	
75-01-4	VINYL CHLORIDE	1000	12000	12000	3900	U	
74-83-9	BROMOMETHANE	1000	12000	12000	3900	U	
75-00-3	CHLOROETHANE	1000	12000	12000	3900	U	
75-69-4	TRICHLOROFLUOROMETHANE	1000	12000	12000	3900	U	
75-35-4	1,1-DICHLOROETHENE	1000	12000	12000	3900	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1000	12000	12000	3900	U	
67-64-1	ACETONE	1000	46000	46000	15000	U	
74-88-4	IODOMETHANE	1000	12000	12000	3900	U	
75-15-0	CARBON DISULFIDE	1000	12000	12000	3900	U	
75-09-2	METHYLENE CHLORIDE	1000	12000	12000	3900	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1000	12000	12000	3900	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1000	12000	12000	3900	U	
75-34-3	1,1-DICHLOROETHANE	1000	12000	12000	3900	U	
108-05-4	VINYL ACETATE	1000	46000	46000	7700	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1000	12000	12000	3900	U	
78-93-3	2-BUTANONE	1000	46000	46000	15000	U	
74-97-5	BROMOCHLOROMETHANE	1000	12000	12000	3900	U	
67-66-3	CHLOROFORM	1000	12000	12000	3900	U	
71-55-6	1,1,1-TRICHLOROETHANE	1000	12000	12000	3900	U	
594-20-7	2,2-DICHLOROPROPANE	1000	12000	12000	3900	U	
56-23-5	CARBON TETRACHLORIDE	1000	12000	12000	3900	U	
563-58-6	1,1-DICHLOROPROPENE	1000	12000	12000	3900	U	
107-06-2	1,2-DICHLOROETHANE	1000	12000	12000	3900	U	
71-43-2	BENZENE	1000	140000	12000	3900		

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43894

79-01-6	TRICHLOROETHENE	1000	12000	12000	3900	U	
78-87-5	1,2-DICHLOROPROPANE	1000	12000	12000	3900	U	
74-95-3	DIBROMOMETHANE	1000	12000	12000	3900	U	
75-27-4	BROMODICHLOROMETHANE	1000	12000	12000	3900	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1000	12000	12000	3900	U	
108-10-1	4-METHYL-2-PENTANONE	1000	46000	46000	15000	U	
108-88-3	TOLUENE	1000	280000	12000	3900		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1000	12000	12000	3900	U	
79-00-5	1,1,2-TRICHLOROETHANE	1000	12000	12000	3900	U	
591-78-6	2-HEXANONE	1000	46000	46000	15000	U	
127-18-4	TETRACHLOROETHENE	1000	12000	12000	3900	U	
142-28-9	1,3-DICHLOROPROPANE	1000	12000	12000	3900	U	
124-48-1	DIBROMOCHLOROMETHANE	1000	12000	12000	3900	U	
106-93-4	1,2-DIBROMOETHANE	1000	12000	12000	3900	U	
544-10-5	1-CHLOROHEXANE	1000	12000	12000	3900	U	
108-90-7	CHLOROBENZENE	1000	12000	12000	3900	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1000	12000	12000	3900	U	
100-41-4	ETHYLBENZENE	1000	67000	12000	3900		
136777-61-2	M+P-XYLENE	1000	98000	12000	3900		
95-47-6	O-XYLENE	1000	36000	12000	3900		
100-42-5	STYRENE	1000	12000	12000	3900	U	
75-25-2	BROMOFORM	1000	12000	12000	3900	U	
98-82-8	ISOPROPYLBENZENE	1000	6100	12000	3900	J	
96-18-4	1,2,3-TRICHLOROPROPANE	1000	12000	12000	3900	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1000	12000	12000	3900	U	
108-86-1	BROMOBENZENE	1000	12000	12000	3900	U	
103-65-1	N-PROPYLBENZENE	1000	12000	12000	3900		
95-49-8	2-CHLOROTOLUENE	1000	12000	12000	3900	U	

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43894

108-67-8	1,3,5-TRIMETHYLBENZENE	1000	9000	12000	3900	J	
106-43-4	4-CHLOROTOLUENE	1000	12000	12000	3900	U	
98-06-6	TERT-BUTYLBENZENE	1000	12000	12000	3900	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1000	22000	12000	3900		
135-98-8	SEC-BUTYLBENZENE	1000	12000	12000	3900	U	
541-73-1	1,3-DICHLOROBENZENE	1000	12000	12000	3900	U	
99-87-6	P-ISOPROPYLTOLUENE	1000	12000	12000	3900	U	
106-46-7	1,4-DICHLOROBENZENE	1000	12000	12000	3900	U	
104-51-8	N-BUTYLBENZENE	1000	12000	12000	3900	U	
95-50-1	1,2-DICHLOROBENZENE	1000	12000	12000	3900	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1000	23000	23000	7700	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1000	12000	12000	3900	U	
87-68-3	HEXACHLOROBUTADIENE	1000	12000	12000	3900	U	
91-20-3	NAPHTHALENE	1000	13000	12000	3900		
87-61-6	1,2,3-TRICHLOROBENZENE	1000	12000	12000	3900	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	96700		116000	83	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	103000		116000	89	61 - 134
2037-26-5	TOLUENE-D8	100000		116000	87	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43895

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
75-71-8	DICHLORODIFLUOROMETHANE	1000	7200	7200	2400	U	
74-87-3	CHLOROMETHANE	1000	7200	7200	2400	U	
75-01-4	VINYL CHLORIDE	1000	7200	7200	2400	U	
74-83-9	BROMOMETHANE	1000	7200	7200	2400	U	
75-00-3	CHLOROETHANE	1000	7200	7200	2400	U	
75-69-4	TRICHLOROFLUOROMETHANE	1000	7200	7200	2400	U	
75-35-4	1,1-DICHLOROETHENE	1000	7200	7200	2400	U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETH	1000	7200	7200	2400	U	
67-64-1	ACETONE	1000	29000	29000	9500	U	
74-88-4	IODOMETHANE	1000	7200	7200	2400	U	
75-15-0	CARBON DISULFIDE	1000	7200	7200	2400	U	
75-09-2	METHYLENE CHLORIDE	1000	7200	7200	2400	U	
156-60-5	TRANS-1,2-DICHLOROETHENE	1000	7200	7200	2400	U	
1634-04-4	METHYL TERTIARY BUTYL ETHER	1000	7200	7200	2400	U	
75-34-3	1,1-DICHLOROETHANE	1000	7200	7200	2400	U	
108-05-4	VINYL ACETATE	1000	29000	29000	4800	U	
156-59-2	CIS-1,2-DICHLOROETHENE	1000	7200	7200	2400	U	
78-93-3	2-BUTANONE	1000	29000	29000	9500	U	
74-97-5	BROMOCHLOROMETHANE	1000	7200	7200	2400	U	
67-66-3	CHLOROFORM	1000	7200	7200	2400	U	
71-55-6	1,1,1-TRICHLOROETHANE	1000	7200	7200	2400	U	
594-20-7	2,2-DICHLOROPROPANE	1000	7200	7200	2400	U	
56-23-5	CARBON TETRACHLORIDE	1000	7200	7200	2400	U	
563-58-6	1,1-DICHLOROPROPENE	1000	7200	7200	2400	U	
107-06-2	1,2-DICHLOROETHANE	1000	7200	7200	2400	U	
71-43-2	BENZENE	1000	40000	7200	2400		

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QC Batch ID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43895

79-01-6	TRICHLOROETHENE	1000	7200	7200	2400	U	
78-87-5	1,2-DICHLOROPROPANE	1000	7200	7200	2400	U	
74-95-3	DIBROMOMETHANE	1000	7200	7200	2400	U	
75-27-4	BROMODICHLOROMETHANE	1000	7200	7200	2400	U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	1000	7200	7200	2400	U	
108-10-1	4-METHYL-2-PENTANONE	1000	29000	29000	9500	U	
108-88-3	TOLUENE	1000	110000	7200	2400		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1000	7200	7200	2400	U	
79-00-5	1,1,2-TRICHLOROETHANE	1000	7200	7200	2400	U	
591-78-6	2-HEXANONE	1000	29000	29000	9500	U	
127-18-4	TETRACHLOROETHENE	1000	7200	7200	2400	U	
142-28-9	1,3-DICHLOROPROPANE	1000	7200	7200	2400	U	
124-48-1	DIBROMOCHLOROMETHANE	1000	7200	7200	2400	U	
106-93-4	1,2-DIBROMOETHANE	1000	7200	7200	2400	U	
544-10-5	1-CHLOROHEXANE	1000	7200	7200	2400	U	
108-90-7	CHLOROBENZENE	1000	7200	7200	2400	U	
630-20-6	1,1,1,2-TETRACHLOROETHANE	1000	7200	7200	2400	U	
100-41-4	ETHYLBENZENE	1000	36000	7200	2400		
136777-61-2	M+P-XYLENE	1000	56000	7200	2400		
95-47-6	O-XYLENE	1000	19000	7200	2400		
100-42-5	STYRENE	1000	7200	7200	2400	U	
75-25-2	BROMOFORM	1000	7200	7200	2400	U	
98-82-8	ISOPROPYLBENZENE	1000	5000	7200	2400	J	
96-18-4	1,2,3-TRICHLOROPROPANE	1000	7200	7200	2400	U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	1000	7200	7200	2400	U	
108-86-1	BROMOBENZENE	1000	7200	7200	2400	U	
103-65-1	N-PROPYLBENZENE	1000	8100	7200	2400		
95-49-8	2-CHLOROTOLUENE	1000	7200	7200	2400	U	

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5035 Rev A M

Prep Batch: VL070227-2

QCBatchID: VL070227-2-1

Run ID: VL070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: ug/kg

Clean DF: 1

File Name: B43895

108-67-8	1,3,5-TRIMETHYLBENZENE	1000	6500	7200	2400	J	
106-43-4	4-CHLOROTOLUENE	1000	7200	7200	2400	U	
98-06-6	TERT-BUTYLBENZENE	1000	7200	7200	2400	U	
95-63-6	1,2,4-TRIMETHYLBENZENE	1000	20000	7200	2400		
135-98-8	SEC-BUTYLBENZENE	1000	4200	7200	2400	J	
541-73-1	1,3-DICHLOROBENZENE	1000	7200	7200	2400	U	
99-87-6	P-ISOPROPYLTOLUENE	1000	7200	7200	2400	U	
106-46-7	1,4-DICHLOROBENZENE	1000	7200	7200	2400	U	
104-51-8	N-BUTYLBENZENE	1000	4800	7200	2400	J	
95-50-1	1,2-DICHLOROBENZENE	1000	7200	7200	2400	U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1000	14000	14000	4800	U	
120-82-1	1,2,4-TRICHLOROBENZENE	1000	7200	7200	2400	U	
87-68-3	HEXACHLOROBUTADIENE	1000	7200	7200	2400	U	
91-20-3	NAPHTHALENE	1000	7600	7200	2400		
87-61-6	1,2,3-TRICHLOROBENZENE	1000	7200	7200	2400	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	60700		71700	85	52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	60600		71700	84	61 - 134
2037-26-5	TOLUENE-D8	60200		71700	84	57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070222-5LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/22/2007

Prep Method: SW5030C

Prep Batch: VL070222-5

QCBatchID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43733

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	22.8	5		114	68 - 130%
71-43-2	BENZENE	20	19.8	5		99	81 - 122%
79-01-6	TRICHLOROETHENE	20	20.7	5		103	70 - 127%
108-88-3	TOLUENE	20	21.3	5		106	77 - 122%
108-90-7	CHLOROBENZENE	20	20.8	5		104	81 - 122%

Lab ID: VL070222-5LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/22/2007

Prep Method: SW5030C

Prep Batch: VL070222-5

QCBatchID: VL070222-5-3

Run ID: VL070222-5B

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: ug/l

Clean DF: 1

File Name: B43734

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	21.1	5		105	20	8
71-43-2	BENZENE	20	19.4	5		97	20	2
79-01-6	TRICHLOROETHENE	20	19.8	5		99	20	4
108-88-3	TOLUENE	20	20.2	5		101	20	5
108-90-7	CHLOROBENZENE	20	19.7	5		99	20	5

Data Package ID: VL0702150-1

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	80		77		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	50	83		85		79 - 120
2037-26-5	TOLUENE-D8	50	85		85		83 - 120

Data Package ID: VL0702150-1

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070228-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 02/28/2007

Prep Method: SW5030C

Prep Batch: VL070228-2

QCBatchID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43902

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.02	0.0175	0.005		88	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.02	0.0214	0.005		107	68 - 130%
78-93-3	2-BUTANONE	0.08	0.082	0.02		103	32 - 150%
67-66-3	CHLOROFORM	0.02	0.02	0.005		100	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.02	0.0208	0.005		104	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.02	0.0212	0.005		106	69 - 132%
71-43-2	BENZENE	0.02	0.0202	0.005		101	81 - 122%
79-01-6	TRICHLOROETHENE	0.02	0.0202	0.005		101	70 - 127%
127-18-4	TETRACHLOROETHENE	0.02	0.0198	0.005		99	44 - 149%
108-90-7	CHLOROBENZENE	0.02	0.0195	0.005		98	81 - 122%

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070228-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 02/28/2007

Prep Method: SW5030C

Prep Batch: VL070228-2

QC Batch ID: VL070228-2-1

Run ID: VL070228-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43903

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.02	0.0176	0.005		88	20	0
75-35-4	1,1-DICHLOROETHENE	0.02	0.0202	0.005		101	20	6
78-93-3	2-BUTANONE	0.08	0.0759	0.02		95	30	8
67-66-3	CHLOROFORM	0.02	0.0185	0.005		93	20	8
56-23-5	CARBON TETRACHLORIDE	0.02	0.019	0.005		95	20	9
107-06-2	1,2-DICHLOROETHANE	0.02	0.02	0.005		100	20	6
71-43-2	BENZENE	0.02	0.0194	0.005		97	20	4
79-01-6	TRICHLOROETHENE	0.02	0.0193	0.005		96	20	5
127-18-4	TETRACHLOROETHENE	0.02	0.0187	0.005		93	20	6
108-90-7	CHLOROBENZENE	0.02	0.0188	0.005		94	20	4

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	86		84		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.05	90		88		79 - 120
2037-26-5	TOLUENE-D8	0.05	86		88		83 - 120

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8
LabID: 0702150-21MS

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 16-Feb-07
Date Extracted: 28-Feb-07
Date Analyzed: 28-Feb-07
Prep Method: SW5030 Rev C

Prep Batch: VL070228-2
QCBatchID: VL070228-2-1
Run ID: VL070228-2A
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5 ml
Final Volume: 5 ml
Result Units: mg/l
File Name: B43914

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	0.0867		0.025	0.1	87	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.025	U	0.102		0.025	0.1	102	68 - 130%
78-93-3	2-BUTANONE	0.1	U	0.398		0.1	0.4	99	32 - 150%
67-66-3	CHLOROFORM	0.025	U	0.0945		0.025	0.1	94	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.025	U	0.0929		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	0.082		0.175		0.025	0.1	93	81 - 122%
79-01-6	TRICHLOROETHENE	0.025	U	0.0936		0.025	0.1	94	70 - 127%
127-18-4	TETRACHLOROETHENE	0.025	U	0.0902		0.025	0.1	90	44 - 149%
108-90-7	CHLOROBENZENE	0.025	U	0.092		0.025	0.1	92	81 - 122%

Data Package ID: VL0702150-2

Date Printed: Tuesday, March 06, 2007

Paragon Analytics
 LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8 LabID: 0702150-21MSD	Sample Matrix: LEACHATE % Moisture: N/A Date Collected: 16-Feb-07 Date Extracted: 28-Feb-07 Date Analyzed: 28-Feb-07 Prep Method: SW5030 Rev C	Prep Batch: VL070228-2 QCBatchID: VL070228-2-1 Run ID: VL070228-2A Cleanup: NONE Basis: As Received	Sample Aliquot: 5 ml Final Volume: 5 ml Result Units: mg/l File Name: B43915
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LEACH DATE: 2/27/2007

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.0928		0.1	93	0.025	20	7
75-35-4	1,1-DICHLOROETHENE	0.105		0.1	105	0.025	20	3
78-93-3	2-BUTANONE	0.396		0.4	99	0.1	30	0
67-66-3	CHLOROFORM	0.101		0.1	101	0.025	20	7
56-23-5	CARBON TETRACHLORIDE	0.103		0.1	103	0.025	20	10
107-06-2	1,2-DICHLOROETHANE	0.108		0.1	108	0.025	20	3
71-43-2	BENZENE	0.182		0.1	100	0.025	20	4
79-01-6	TRICHLOROETHENE	0.1		0.1	100	0.025	20	7
127-18-4	TETRACHLOROETHENE	0.0976		0.1	98	0.025	20	8
108-90-7	CHLOROBENZENE	0.0976		0.1	98	0.025	20	6

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.25	81		82		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.25	85		86		79 - 120
2037-26-5	TOLUENE-D8	0.25	82	*	83		83 - 120

Data Package ID: VL0702150-2

GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070302-2LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/02/2007

Date Analyzed: 03/02/2007

Prep Method: SW5030C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43924

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.02	0.0207	0.005		103	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.02	0.0226	0.005		113	68 - 130%
78-93-3	2-BUTANONE	0.08	0.0601	0.02		75	32 - 150%
67-66-3	CHLOROFORM	0.02	0.0192	0.005		96	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.02	0.0204	0.005		102	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.02	0.0192	0.005		96	69 - 132%
71-43-2	BENZENE	0.02	0.0201	0.005		101	81 - 122%
79-01-6	TRICHLOROETHENE	0.02	0.0206	0.005		103	70 - 127%
127-18-4	TETRACHLOROETHENE	0.02	0.0201	0.005		100	44 - 149%
108-90-7	CHLOROBENZENE	0.02	0.0189	0.005		94	81 - 122%

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070302-2LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/02/2007

Date Analyzed: 03/02/2007

Prep Method: SW5030C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

Clean DF: 1

File Name: B43925

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.02	0.0189	0.005		95	20	9
75-35-4	1,1-DICHLOROETHENE	0.02	0.0216	0.005		108	20	4
78-93-3	2-BUTANONE	0.08	0.0608	0.02		76	30	1
67-66-3	CHLOROFORM	0.02	0.0187	0.005		93	20	3
56-23-5	CARBON TETRACHLORIDE	0.02	0.0198	0.005		99	20	3
107-06-2	1,2-DICHLOROETHANE	0.02	0.0189	0.005		94	20	1
71-43-2	BENZENE	0.02	0.0192	0.005		96	20	5
79-01-6	TRICHLOROETHENE	0.02	0.0198	0.005		99	20	4
127-18-4	TETRACHLOROETHENE	0.02	0.0185	0.005		93	20	8
108-90-7	CHLOROBENZENE	0.02	0.0181	0.005		90	20	4

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	0.05	87		80		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	0.05	86		85		79 - 120
2037-26-5	TOLUENE-D8	0.05	87		83		83 - 120

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4 LabID: 0702150-25MS	Sample Matrix: LEACHATE % Moisture: N/A Date Collected: 17-Feb-07 Date Extracted: 02-Mar-07 Date Analyzed: 02-Mar-07 Prep Method: SW5030 Rev C	Prep Batch: VL070302-2 QCBatchID: VL070302-2-1 Run ID: VL070302-2A Cleanup: NONE Basis: As Received	Sample Aliquot: 5 ml Final Volume: 5 ml Result Units: mg/l File Name: B43936
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LEACH DATE: 3/1/2007

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-01-4	VINYL CHLORIDE	0.25	U	0.865		0.25	1	87	50 - 147%
75-35-4	1,1-DICHLOROETHENE	0.25	U	1.03		0.25	1	103	68 - 130%
78-93-3	2-BUTANONE	1	U	3.53		1	4	88	32 - 150%
67-66-3	CHLOROFORM	0.25	U	0.963		0.25	1	96	63 - 136%
56-23-5	CARBON TETRACHLORIDE	0.25	U	0.977		0.25	1	98	66 - 138%
107-06-2	1,2-DICHLOROETHANE	0.25	U	1.05		0.25	1	105	69 - 132%
71-43-2	BENZENE	1.7		2.71		0.25	1	96	81 - 122%
79-01-6	TRICHLOROETHENE	0.25	U	0.991		0.25	1	99	70 - 127%
127-18-4	TETRACHLOROETHENE	0.25	U	0.871		0.25	1	87	44 - 149%
108-90-7	CHLOROBENZENE	0.25	U	0.896		0.25	1	90	81 - 122%

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

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GC/MS Volatiles

Method SW8260B--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

LabID: 0702150-25MSD

LEACH DATE: 3/1/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 02-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW5030 Rev C

Prep Batch: VL070302-2

QCBatchID: VL070302-2-1

Run ID: VL070302-2A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 ml

Final Volume: 5 ml

Result Units: mg/l

File Name: B43937

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-01-4	VINYL CHLORIDE	0.915		1	91	0.25	20	6
75-35-4	1,1-DICHLOROETHENE	1.05		1	105	0.25	20	2
78-93-3	2-BUTANONE	3.93		4	98	1	30	11
67-66-3	CHLOROFORM	0.987		1	99	0.25	20	2
56-23-5	CARBON TETRACHLORIDE	0.997		1	100	0.25	20	2
107-06-2	1,2-DICHLOROETHANE	1.07		1	107	0.25	20	2
71-43-2	BENZENE	2.74		1	99	0.25	20	1
79-01-6	TRICHLOROETHENE	1.01		1	101	0.25	20	2
127-18-4	TETRACHLOROETHENE	0.912		1	91	0.25	20	5
108-90-7	CHLOROBENZENE	0.943		1	94	0.25	20	5

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	2.5	79		82		74 - 123
1868-53-7	DIBROMOFLUOROMETHANE	2.5	82		83		79 - 120
2037-26-5	TOLUENE-D8	2.5	79	*	83		83 - 120

Data Package ID: VL0702150-3

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070226-2LCS

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/26/2007
Date Analyzed: 02/26/2007
Prep Method: SW5035A

Prep Batch: VL070226-2
QCBatchID: VL070226-2-1
Run ID: VL070226-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: B43841

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	22.6	5		113	65 - 136%
71-43-2	BENZENE	20	20.7	5		104	73 - 126%
79-01-6	TRICHLOROETHENE	20	21.4	5		107	77 - 124%
108-88-3	TOLUENE	20	20.7	5		104	71 - 127%
108-90-7	CHLOROBENZENE	20	19.9	5		100	75 - 123%

Lab ID: VL070226-2LCSD

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/26/2007
Date Analyzed: 02/26/2007
Prep Method: SW5035A

Prep Batch: VL070226-2
QCBatchID: VL070226-2-1
Run ID: VL070226-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: B43842

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	20.7	5		103	30	9
71-43-2	BENZENE	20	20.3	5		102	30	2
79-01-6	TRICHLOROETHENE	20	21.2	5		106	30	1
108-88-3	TOLUENE	20	21.5	5		108	30	4
108-90-7	CHLOROBENZENE	20	20.8	5		104	30	4

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics
LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	98		88		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	50	99		87		61 - 134
2037-26-5	TOLUENE-D8	50	104		90		57 - 135

Data Package ID: VL0702150-4

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: VL070227-2LCS

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/27/2007
Date Analyzed: 02/27/2007
Prep Method: SW5035A MOD

Prep Batch: VL070227-2
QCBatchID: VL070227-2-1
Run ID: VL070227-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: B43888

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-35-4	1,1-DICHLOROETHENE	20	22.6	5		113	65 - 136%
71-43-2	BENZENE	20	20.6	5		103	73 - 126%
79-01-6	TRICHLOROETHENE	20	20.9	5		104	77 - 124%
108-88-3	TOLUENE	20	19.9	5		100	71 - 127%
108-90-7	CHLOROBENZENE	20	19.4	5		97	75 - 123%

Lab ID: VL070227-2LCSD

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/27/2007
Date Analyzed: 02/27/2007
Prep Method: SW5035A MOD

Prep Batch: VL070227-2
QCBatchID: VL070227-2-1
Run ID: VL070227-2A
Cleanup: NONE
Basis: N/A

Sample Aliquot: 5 g
Final Volume: 5 ml
Result Units: ug/kg
Clean DF: 1
File Name: B43889

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	20	21.6	5		108	30	5
71-43-2	BENZENE	20	20.1	5		100	30	3
79-01-6	TRICHLOROETHENE	20	20.3	5		101	30	3
108-88-3	TOLUENE	20	19.1	5		96	30	4
108-90-7	CHLOROBENZENE	20	18.7	5		93	30	4

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics
LIMS Version: 5.484A

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GC/MS Volatiles

Method SW8260B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	86		82		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	50	88		87		61 - 134
2037-26-5	TOLUENE-D8	50	86		83		57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

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GC/MS Volatiles

Method SW8260B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4 LabID: 0702150-13MS	Sample Matrix: SOLID % Moisture: 30.2 Date Collected: 17-Feb-07 Date Extracted: 27-Feb-07 Date Analyzed: 27-Feb-07 Prep Method: SW5035 Rev A M	Prep Batch: VL070227-2 QCBatchID: VL070227-2-1 Run ID: VL070227-2A Cleanup: NONE Basis: Dry Weight	Sample Aliquot: 5 g Final Volume: 5 ml Result Units: ug/kg File Name: B43896
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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	7200	U	32900		7170	28700	115	65 - 136%
71-43-2	BENZENE	40000		69800		7170	28700	105	73 - 126%
79-01-6	TRICHLOROETHENE	7200	U	30400		7170	28700	106	77 - 124%
108-88-3	TOLUENE	110000		135000		7170	28700	91	71 - 127%
108-90-7	CHLOROBENZENE	7200	U	28900		7170	28700	101	75 - 123%

Field ID: MS7-021707-4 LabID: 0702150-13MSD	Sample Matrix: SOLID % Moisture: 30.2 Date Collected: 17-Feb-07 Date Extracted: 27-Feb-07 Date Analyzed: 27-Feb-07 Prep Method: SW5035 Rev A M	Prep Batch: VL070227-2 QCBatchID: VL070227-2-1 Run ID: VL070227-2A Cleanup: NONE Basis: Dry Weight	Sample Aliquot: 5 g Final Volume: 5 ml Result Units: ug/kg File Name: B43897
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CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-35-4	1,1-DICHLOROETHENE	29800		28700	104	7170	30	10
71-43-2	BENZENE	68800		28700	102	7170	30	1
79-01-6	TRICHLOROETHENE	28900		28700	101	7170	30	5
108-88-3	TOLUENE	131000		28700	80	7170	30	2
108-90-7	CHLOROBENZENE	28000		28700	98	7170	30	3

Data Package ID: VL0702150-5

GC/MS Volatiles

Method SW8260B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 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	71700	81		79		52 - 151
1868-53-7	DIBROMOFLUOROMETHANE	71700	88		86		61 - 134
2037-26-5	TOLUENE-D8	71700	82		83		57 - 135

Data Package ID: VL0702150-5

Date Printed: Tuesday, March 06, 2007

Paragon Analytics

LIMS Version: 5.484A

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Percent Moisture

Method SOP642 Revision 7

Lab Name: Paragon Analytics

Date Extracted: 02/23/2007	Balance ID: 31	Validated By: jmm
Date Analyzed: 02/23/2007	Oven ID: 17	Validation Date: 02/23/2007
Analyst: Janet M. Martin	In Oven: 2/22/2007 @ 12:00:00 PM	Validation Time: 7:30:23 AM
	Out of Oven: 2/23/2007 @ 7:50:00 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
EX070222-1A	EX070222-1	EX070222-1-1	EX070222-1	MB	1.233	1.233	1.236	0.00	99.8	0.2	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-1	SMP	1.231	10.81	5.046	3.82	64.7	35.3	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-2	SMP	1.221	10.34	5.15	3.93	62.0	38.0	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-3	SMP	1.219	11.44	5.611	4.39	61.6	38.4	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-4	SMP	1.23	11.45	5.571	4.34	62.1	37.9	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-5	SMP	1.238	11.27	6.562	5.32	52.8	47.2	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-6	SMP	1.211	10.62	6.006	4.80	54.8	45.2	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-7	SMP	1.237	11.78	7.964	6.73	42.9	57.1	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-8	DUP	1.241	11.63	10.14	8.90	23.5	76.5	6
EX070222-1A	EX070222-1	EX070222-1-1	0702150-8	SMP	1.235	11.08	9.86	8.63	22.1	77.9	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-10	SMP	1.231	10.07	5.634	4.40	56.3	43.7	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-11	SMP	1.226	11.04	5.603	4.38	60.4	39.6	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-12	SMP	1.234	12.43	6.59	5.36	56.9	43.1	
EX070222-1A	EX070222-1	EX070222-1-1	0702150-13	DUP	1.232	10.56	8.682	7.45	29.5	70.5	3
EX070222-1A	EX070222-1	EX070222-1-1	0702150-13	SMP	1.232	10.59	8.618	7.39	30.2	69.8	

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

Total Volatile Petroleum Hydrocarbons Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples. The samples were received cool and intact by Paragon on 02/21/07.
2. These samples were prepared and analyzed according to SW-846, 3rd Edition procedures. Specifically, the solid samples 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 C₆ to C₁₂. All positive results in this range were quantitated using the responses from the initial calibration curve using the external standard technique.
4. All initial and continuing calibration criteria were met.
5. The method 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.
11. All samples 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 Sheremom
Jay Fielding for J.F.
Fuels Analyst

03-05-07
Date

EX
Reporter's Initials

03-05-07
Date

Paragon Analytics
Data Qualifier Flags
Fuels

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

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

Paragon Analytics
Data Qualifier Flags
Chromatography and Mass Spectrometry

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

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

Gasoline Range Organics

Method SW8015B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HCG070227-2MB

Sample Matrix: SOIL

% Moisture: N/A

Date Collected: N/A

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3643

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	0.444		0.5	89	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3644

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	440	28	2.3	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	25.5		28.3	90	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2
Lab ID: 0702150-2

Sample Matrix: SOLID
% Moisture: 62.0
Date Collected: 16-Feb-07
Date Extracted: 27-Feb-07
Date Analyzed: 27-Feb-07
Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2
QCBatchID: HCG070227-2-1
Run ID: HCG070227-2A
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.15 g
Final Volume: 5 ml
Result Units: mg/kg
Clean DF: 1
File Name: F2PF3645

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	400	26	2.1	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	22.9		25.5	90	76 - 112

Data Package ID: HCG0702150-1

Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.17 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3646

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	300	25	2	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	22.3		25.2	89	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.12 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3647

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	310	26	2.1	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	26.2		25.8	102	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.08 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3648

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	450	21	1.7	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	18.6		20.8	89	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.05 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3649

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	380	22	1.8	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	19.5		21.9	89	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.09 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3651

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	340	17	1.4	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	15.7		17.2	91	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID:	MS7-021607-8
Lab ID:	0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5g

Final Volume: 5ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3652

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	100	250	13	1	G,H	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	12.1		12.8	94	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3653

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	500	1700	110	9.1	G	

Surrogate Recovery

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

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.16 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3654

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	500	1600	120	9.9	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	112		122	92	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3
Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 27-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.08g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3655

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	500	2100	110	9.2	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	107		114	94	76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gasoline Range Organics

Method SW8015B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HCG070228-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Batch: HCG070228-2

QCBatchID: HCG070228-2-1

Run ID: HCG070228-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3665

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	0.462		0.5	92	76 - 112

Data Package ID: HCG0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Gasoline Range Organics

Method SW8015B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 28-Feb-07

Prep Method: SW5030 Rev B

Prep Batch: HCG070228-2

QCBatchID: HCG070228-2-1

Run ID: HCG070228-2A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 5.05 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3666

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
8006-61-9	GASOLINE RANGE ORGANICS	1000	2500	140	11	G	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
193533-92-5	2,3,4-TRIFLUOROTOLUENE	126		142	89	76 - 112

Data Package ID: HCG0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gasoline Range Organics

Method SW8015B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HCG070227-2LCS

Sample Matrix: SOIL

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/27/2007

Date Analyzed: 02/27/2007

Prep Method: SW5030B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3641

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	5.55	0.5		111	79 - 118%

Lab ID: HCG070227-2LCSD

Sample Matrix: SOIL

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/27/2007

Date Analyzed: 02/27/2007

Prep Method: SW5030B

Prep Batch: HCG070227-2

QCBatchID: HCG070227-2-1

Run ID: HCG070227-2A

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 5 ml

Result Units: mg/kg

Clean DF: 1

File Name: F2PF3642

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	5	5.53	0.5		111	20	0

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	88		89		76 - 112

Data Package ID: HCG0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Gasoline Range Organics

Method SW8015B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HCG070228-2LCS

Sample Matrix: SOLID

Prep Batch: HCG070228-2

Sample Aliquot: 1 g

% Moisture: N/A

QCBatchID: HCG070228-2-1

Final Volume: 5 ml

Date Collected: N/A

Run ID: HCG070228-2A

Result Units: mg/kg

Date Extracted: 02/28/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 02/28/2007

Basis: N/A

File Name: F2PF3663

Prep Method: SW5030B

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
8006-61-9	GASOLINE RANGE ORGANICS	5	5.1	0.5		102	79 - 118%

Lab ID: HCG070228-2LCSD

Sample Matrix: SOLID

Prep Batch: HCG070228-2

Sample Aliquot: 1 g

% Moisture: N/A

QCBatchID: HCG070228-2-1

Final Volume: 5 ml

Date Collected: N/A

Run ID: HCG070228-2A

Result Units: mg/kg

Date Extracted: 02/28/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 02/28/2007

Basis: N/A

File Name: F2PF3664

Prep Method: SW5030B

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
8006-61-9	GASOLINE RANGE ORGANICS	5	5.39	0.5		108	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	91		91		76 - 112

Data Package ID: HCG0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Paragon Analytics

INORGANICS CASE NARRATIVE

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples.
2. The samples were received intact on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
3. The samples were prepared for analysis based on SW-846, 3rd Edition procedures, Methods for the Chemical Analysis of Waters and Wastes (MCAWW), May 1994 procedures, and Environmental Monitoring Systems Laboratory (EMSL) Rev 2.1 procedures.
4. The samples were analyzed following SW-846, MCAWW, and EMSL procedures for the following methods:

<u>Analyte</u>	<u>Method</u>	<u>SOP #</u>
Total cyanide	9014	1110 Rev 12
pH	9045C	1126 Rev 15
Specific conductance	120.1	1128 Rev 8
Chloride	300.0	1113 Rev 9
Fluoride	300.0	1113 Rev 9
Nitrate as N	300.0	1113 Rev 9
Sulfate	300.0	1113 Rev 9

5. All standards and solutions were used within their recommended shelf life.
6. The samples were prepared and analyzed within the established hold time for each analysis.

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

7. General quality control procedures.
 - A preparation (method) blank and laboratory control sample (LCS) were prepared and analyzed with the samples in each applicable preparation batch. There were not more than 20 samples in each preparation batch.

- The method blank associated with each applicable batch was below the reporting limit for the requested analytes. This indicates that no contaminants were introduced to the samples during preparation and analysis.
 - The LCS was within the acceptance limits for each applicable analysis.
 - All initial and continuing calibration blanks (ICB/CCB) associated with each applicable analytical batch were below the reporting limit for the requested analytes.
 - All initial and continuing calibration verifications (ICV/CCV) associated with each analytical batch were within the acceptance criteria for the requested analytes, with the exception of CCV7 for sulfate on 02/23/07. The samples bracketed by this CCV were re-analyzed with acceptable CCVs.
8. Matrix specific quality control procedures.

Sample 0702150-1 was designated as the quality control sample for the total cyanide, chloride, fluoride, nitrate as N, and sulfate analyses. Samples 0702150-1 and -13 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 exception:

<u>Analyte</u>	<u>Sample ID</u>
Total cyanide	0702150-1MS & MSD

The native sample result is flagged for total cyanide. The laboratory control sample indicates that the procedure was in control.

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

<u>Analyte</u>	<u>Sample ID</u>
Chloride	0702150-1MS & MSD
Fluoride	0702150-1MS & MSD
Nitrate as N	0702150-1MS & MSD
Sulfate	0702150-1MS & MSD

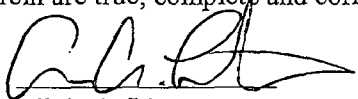
Due to the high dissolved salts present in sample 0702150-1, the matrix spike and matrix spike duplicate were analyzed at a 50X dilution. Fluoride and nitrate as N were diluted below the reporting limits. The chloride and sulfate concentrations in the MS/MSD were above the analytical range; therefore accurate quantitation of MS/MSD recoveries were not possible as the spike added was small relative to the unspiked sample concentration. The LCS, ICV, and CCV results indicate the procedure was in control for these analytes.

- A sample duplicate was prepared and analyzed with the pH and specific conductance batches. All guidance criteria for precision were met.
- 9. Electrical conductivity screening indicated that the concentration of dissolved salts was high in the samples. Therefore, it was necessary to dilute the samples prior to injection into the ion chromatograph in order to minimize the amount of salts loaded into the analytical column.

It was necessary to dilute all samples in order to bring the chloride and/or sulfate concentrations into the analytical range of the ion chromatograph (IC).

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

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



Eric A. Lintner
Inorganic Analyst

3/5/07
Date

mq
Reviewer's Initials

3/5/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

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 Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: SW9010B

Final Volume: 50 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/26/2007	02/26/2007	64.72	1	1.6	1.4	N	1 g
MS7-021607-2	0702150-2	02/16/2007	02/26/2007	02/26/2007	61.98	1	1.3	1.3	U	1 g
MS7-021607-3	0702150-3	02/16/2007	02/26/2007	02/26/2007	61.62	1	1.3	1.3	U	1 g
MS7-021607-4	0702150-4	02/16/2007	02/26/2007	02/26/2007	62.09	1	1.3	1.3	U	1 g
MS7-021607-5	0702150-5	02/16/2007	02/26/2007	02/26/2007	52.77	1	1.1	1.1	U	1 g
MS7-021607-6	0702150-6	02/16/2007	02/26/2007	02/26/2007	54.85	1	1.1	1.1	U	1 g
MS7-021607-7	0702150-7	02/16/2007	02/26/2007	02/26/2007	42.91	1	0.88	0.88	U	1 g
MS7-021607-8	0702150-8	02/16/2007	02/26/2007	02/26/2007	22.15	1	0.64	0.64	U	1 g
MS7-021707-1	0702150-10	02/17/2007	02/26/2007	02/26/2007	56.27	1	1.1	1.1	U	1 g
MS7-021707-2	0702150-11	02/17/2007	02/26/2007	02/26/2007	60.35	1	1.3	1.3	U	1 g
MS7-021707-3	0702150-12	02/17/2007	02/26/2007	02/26/2007	56.91	1	1.2	1.2	U	1 g
MS7-021707-4	0702150-13	02/17/2007	02/26/2007	02/26/2007	30.25	1	0.72	0.72	U	1 g

Comments:

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

Data Package ID: cn0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
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Solid pH in water @25 Degrees Celsius

Method SW9045C

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corp.

Client Project ID: LC Well 1 4165-030

Work Order Number: 0702150

Reporting Basis: As Received

Prep Method: NONE

Final Volume: 20 ml

Matrix: SOLID

Result Units: pH

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/23/2007	N/A	1	9.24	0.1		20 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/23/2007	N/A	1	9.14	0.1		20 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/23/2007	N/A	1	9.28	0.1		20 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/23/2007	N/A	1	9.24	0.1		20 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/23/2007	N/A	1	9.18	0.1		20 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/23/2007	N/A	1	10.51	0.1		20 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	02/23/2007	N/A	1	10.97	0.1		20 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/23/2007	N/A	1	8.81	0.1		20 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/23/2007	N/A	1	8.72	0.1		20 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/23/2007	N/A	1	8.76	0.1		20 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/23/2007	N/A	1	9.14	0.1		20 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/23/2007	N/A	1	11.37	0.1		20 g

Comments:

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

Data Package ID: ph0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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SPECIFIC CONDUCTIVITY

Method EPA120.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/23/2007	N/A	1	23600	1		4 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/23/2007	N/A	1	21450	1		4 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/23/2007	N/A	1	22700	1		4 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/23/2007	N/A	1	20900	1		4 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/23/2007	N/A	1	17030	1		4 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/23/2007	N/A	1	18560	1		4 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	02/23/2007	N/A	1	15520	1		4 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/23/2007	N/A	1	7560	1		4 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/23/2007	N/A	1	18700	1		4 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/23/2007	N/A	1	22700	1		4 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/23/2007	N/A	1	22400	1		4 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/23/2007	N/A	1	16570	1		4 g

Comments:

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

Data Package ID: sc0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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CHLORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/28/2007	64.72	1000	310000	5700		4 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/24/2007	61.98	500	250000	2600		4 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/24/2007	61.62	500	220000	2600		4 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/28/2007	62.09	500	220000	2600		4 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/28/2007	52.77	500	140000	2100		4 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/28/2007	54.85	500	170000	2200		4 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	02/28/2007	42.91	500	110000	1800		4 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/28/2007	22.15	200	27000	510		4 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/28/2007	56.27	500	190000	2300		4 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/24/2007	60.35	500	220000	2500		4 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/24/2007	56.91	500	200000	2300		4 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/28/2007	30.25	500	87000	1400		4 g

Comments:

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

Data Package ID: ic0702150-1

FLUORIDE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/23/2007	64.72	50	140	140	UN	4 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/23/2007	61.98	50	130	130	U	4 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/23/2007	61.62	50	130	130	U	4 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/23/2007	62.09	50	130	130	U	4 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/23/2007	52.77	20	42	42	U	4 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/23/2007	54.85	20	44	44	U	4 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	02/24/2007	42.91	20	35	35	U	4 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/24/2007	22.15	10	13	13	U	4 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/24/2007	56.27	20	46	46	U	4 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/24/2007	60.35	50	130	130	U	4 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/24/2007	56.91	50	120	120	U	4 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/24/2007	30.25	20	29	29	U	4 g

Comments:

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

Data Package ID: ic0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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NITRATE AS N

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/23/2007	64.72	50	280	280	UN	4 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/23/2007	61.98	50	260	260	U	4 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/23/2007	61.62	50	260	260	U	4 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/23/2007	62.09	50	260	260	U	4 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/23/2007	52.77	20	85	85	U	4 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/23/2007	54.85	20	89	89	U	4 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	02/24/2007	42.91	20	70	70	U	4 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/24/2007	22.15	10	26	26	U	4 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/24/2007	56.27	20	91	91	U	4 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/24/2007	60.35	50	250	250	U	4 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/24/2007	56.91	50	230	230	U	4 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/24/2007	30.25	20	57	57	U	4 g

Comments:

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

Data Package ID: ic0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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SULFATE

Method EPA300.0 Revision 2.1

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 40 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	02/23/2007	02/23/2007	64.72	50	53000	1400		4 g
MS7-021607-2	0702150-2	02/16/2007	02/23/2007	02/23/2007	61.98	50	66000	1300		4 g
MS7-021607-3	0702150-3	02/16/2007	02/23/2007	02/23/2007	61.62	50	69000	1300		4 g
MS7-021607-4	0702150-4	02/16/2007	02/23/2007	02/23/2007	62.09	50	66000	1300		4 g
MS7-021607-5	0702150-5	02/16/2007	02/23/2007	02/28/2007	52.77	500	48000	11000		4 g
MS7-021607-6	0702150-6	02/16/2007	02/23/2007	02/28/2007	54.85	500	54000	11000		4 g
MS7-021607-7	0702150-7	02/16/2007	02/23/2007	03/01/2007	42.91	200	38000	3500		4 g
MS7-021607-8	0702150-8	02/16/2007	02/23/2007	02/28/2007	22.15	200	26000	2600		4 g
MS7-021707-1	0702150-10	02/17/2007	02/23/2007	02/24/2007	56.27	20	40000	460		4 g
MS7-021707-2	0702150-11	02/17/2007	02/23/2007	02/24/2007	60.35	50	47000	1300		4 g
MS7-021707-3	0702150-12	02/17/2007	02/23/2007	02/24/2007	56.91	50	38000	1200		4 g
MS7-021707-4	0702150-13	02/17/2007	02/23/2007	02/24/2007	30.25	20	26000	290		4 g

Comments:

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

Data Package ID: ic0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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Total Cyanide

Method SW9014

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: CN070226-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW9010 Rev B

Prep Batch: CN070226-1

QCBatchID: CN070226-1-2

Run ID: cn070226-1a

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: cn0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total Cyanide

Method SW9014

Laboratory Control Sample

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: CN070226-2LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/26/2007

Date Analyzed: 02/26/2007

Prep Method: SW9010B

Prep Batch: CN070226-1

QCBatchID: CN070226-1-2

Run ID: cn070226-1a

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	18.3	0.5		91	85 - 115%

Data Package ID: cn0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total Cyanide

Method SW9014

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1
LabID: 0702150-1MS

Sample Matrix: SOLID
% Moisture: 64.7
Date Collected: 16-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 26-Feb-07
Prep Method: SW9010 Rev B

Prep Batch: CN070226-1
QCBatchID: CN070226-1-2
Run ID: cn070226-1a
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1 g
Final Volume: 50 ml
Result Units: mg/kg
File Name: Manual Entry

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
57-12-5	CYANIDE, TOTAL	1.6		10.9	N	1.42	14.2	66	75 - 125%

Field ID: MS7-021607-1
LabID: 0702150-1MSD

Sample Matrix: SOLID
% Moisture: 64.7
Date Collected: 16-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 26-Feb-07
Prep Method: SW9010 Rev B

Prep Batch: CN070226-1
QCBatchID: CN070226-1-2
Run ID: cn070226-1a
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	9.08	N	14.2	53	1.42	30	18

Data Package ID: cn0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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pH
Method SW9045
Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1D

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: 02/16/2007

Date Extracted: 02/23/2007

Date Analyzed: 02/23/2007

Prep Batch: PH070223-1

QC Batch ID: PH070223-1-1

Run ID: ph070223-1a

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	9.24		9.25		0.1	1		0.5

Data Package ID: ph0702150-1

Date Printed: Monday, March 05, 2007

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pH
Method SW9045
Duplicate Sample Results

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4	Sample Matrix: SOLID	Prep Batch: PH070223-1	Sample Aliquot: 20 g
Lab ID: 0702150-13D	% Moisture: N/A	QCBatchID: PH070223-1-1	Final Volume: 20 ml
	Date Collected: 02/17/2007	Run ID: ph070223-1a	Result Units: pH
	Date Extracted: 02/23/2007	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 02/23/2007	Basis: As Received	File Name:

CASNO	Target Analyte	Sample Result	Samp Qual	Duplicate Result	Dup Qual	Reporting Limit	Dilution Factor	RPD	RPD Limit
10-29-7	PH	11.37		11.39		0.1	1		0.5

Data Package ID: *ph0702150-1*

Specific Conductance in Water

Method EPA120.1

Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1D

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: 02/16/2007

Date Extracted: 02/23/2007

Date Analyzed: 02/23/2007

Prep Batch: WC070223-1

QCBatchID: WC070223-1-3

Run ID: sc070223-1a

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	23600		23600		1	1	0	10

Data Package ID: sc0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Specific Conductance in Water

Method EPA120.1

Duplicate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
Lab ID: 0702150-13D

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: 02/17/2007

Date Extracted: 02/23/2007

Date Analyzed: 02/23/2007

Prep Batch: WC070223-1

QCBatchID: WC070223-1-3

Run ID: sc070223-1a

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	16570		15430		1	1	7	10

Data Package ID: sc0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Ion Chromatography

Method EPA300.0 Revision 2.1

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: WC070223-2MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 23-Feb-07

Date Analyzed: 23-Feb-07

Prep Method: METHOD

Prep Batch: WC070223-1

QCBatchID: WC070223-1-2

Run ID: ic070223-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70223_013

CASNO	Target Analyte	DF	Result	Reporting Limit	Result Qualifier	EPA Qualifier
16984-48-8	FLUORIDE	1	1	1	U	
16887-00-6	CHLORIDE	1	2	2	U	
14797-55-8	NITRATE AS N	1	2	2	U	
14808-79-8	SULFATE	1	10	10	U	

Data Package ID: ic0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Ion Chromatography

Method EPA300.0 Revision 2.1

Laboratory Control Sample

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: WC070223-2LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/23/2007

Date Analyzed: 02/23/2007

Prep Method: METHOD

Prep Batch: WC070223-1

QCBatchID: WC070223-1-2

Run ID: ic070223-1a

Cleanup: NONE

Basis: N/A

Sample Aliquot: 4 g

Final Volume: 40 ml

Result Units: mg/kg

Clean DF: 1

File Name: 70223_014.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
16984-48-8	FLUORIDE	50	47.5	1		95	85 - 115%
16887-00-6	CHLORIDE	100	94.5	2		95	85 - 115%
14797-55-8	NITRATE AS N	100	94.3	2		94	85 - 115%
14808-79-8	SULFATE	500	477	10		95	85 - 115%

Data Package ID: ic0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Paragon Analytics

METALS CASE NARRATIVE

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 TCLP samples and 12 solid samples.
2. The samples were received cool and intact on 02/21/07. The temperature of the samples upon receipt was between 3.0° and 9.0° Celsius.
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 solid 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 solid 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.
Soil and solid 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 0702150-17 and -22 were designated as the quality control samples for the leachate Trace ICP analyses. Samples 0702150-14 and -20 were designated as the quality control samples for the leachate mercury analyses. Sample 0702150-13 was designated as the quality control sample for the solid Trace ICP and ICP-MS analyses. Sample 0702150-13 was designated as the quality control sample for the solid mercury analyses.

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

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

	<u>Analyte</u>	<u>Sample ID</u>
Solid:	Iron	0702150-13

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 each batch. All acceptance criteria for precision were met, with the following exception:

	<u>Analyte</u>	<u>Sample ID</u>
Solid:	Uranium	0702150-13D

- Associated 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.

9. 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
Rhonda Miller
Data Reporting Specialist

3/6/07
Date

SW
Reviewer's Initials

3/5/07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

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: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-14

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070228-1

QCBatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070301A.

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	0.57	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.0086	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2
Lab ID: 0702150-15

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.47	1	0.0011	B	
7440-43-9	CADMIUM	1	0.005	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.035	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-16

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.46	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0056	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.034	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4
Lab ID: 0702150-17

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.4	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0067	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.036	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-18

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.36	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0052	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.026	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-19

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

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	0.36	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0054	0.05	0.0043	B	
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: #0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7

Lab ID: 0702150-20

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.28	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.02	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8
Lab ID: 0702150-21

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

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	0.25	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.015	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-22

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070228-1

QCBatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: 070301A.

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	0.35	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.0073	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-23

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.38	1	0.0011	B	
7440-43-9	CADMIUM	1	0.0049	0.05	0.0043	B	
7440-47-3	CHROMIUM	1	0.042	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-24

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 02-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070301-1

QCBatchID: IP070301-1-1

Run ID: it070302-2a2

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070302A.

LEACH DATE: 2/28/2007

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	0.46	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.032	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP ICP Metals

Method SW6010B--TCLP Leachate

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
Lab ID: 0702150-25

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070228-1

QCBatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070301A.

LEACH DATE: 2/27/2007

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	0.23	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.011	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: it0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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TCLP MERCURY

Method SW7470

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
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
MS7-021607-1	0702150-14	2/16/2007	2/28/2007	03/01/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-2	0702150-15	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-3	0702150-16	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-4	0702150-17	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-5	0702150-18	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-6	0702150-19	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-7	0702150-20	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021607-8	0702150-21	2/16/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021707-1	0702150-22	2/17/2007	2/28/2007	03/01/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021707-2	0702150-23	2/17/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021707-3	0702150-24	2/17/2007	3/1/2007	03/02/2007	N/A	1	0.002	0.002	0.000049	U	2 g
MS7-021707-4	0702150-25	2/17/2007	2/28/2007	03/01/2007	N/A	1	0.002	0.002	0.000049	U	2 g

Comments:

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

Data Package ID: hg0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1

Lab ID: 0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.07 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	2.6	2.6	1.4	U	
7440-39-3	BARIUM	1	19	26	0.029	B	
7440-43-9	CADMIUM	1	0.13	1.3	0.083	B	
7440-47-3	CHROMIUM	1	13	2.6	0.16		
7440-50-8	COPPER	1	3.9	2.6	0.11		
7439-89-6	IRON	1	4400	26	1.6		
7439-92-1	LEAD	1	2.1	0.79	0.64		
7439-96-5	MANGANESE	1	72	2.6	0.036		
7782-49-2	SELENIUM	1	1.3	1.3	0.92	U	
7440-22-4	SILVER	1	2.6	2.6	0.15	U	
7440-66-6	ZINC	1	290	5.3	0.77		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.4	2.6	1.4	B	
7440-39-3	BARIUM	1	26	26	0.028		
7440-43-9	CADMIUM	1	0.12	1.3	0.081	B	
7440-47-3	CHROMIUM	1	16	2.6	0.16		
7440-50-8	COPPER	1	6.1	2.6	0.11		
7439-89-6	IRON	1	5500	26	1.5		
7439-92-1	LEAD	1	2.1	0.77	0.63		
7439-96-5	MANGANESE	1	96	2.6	0.035		
7782-49-2	SELENIUM	1	1.3	1.3	0.89	U	
7440-22-4	SILVER	1	2.6	2.6	0.15	U	
7440-66-6	ZINC	1	260	5.2	0.75		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.06 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.9	2.5	1.3	B	
7440-39-3	BARIUM	1	33	25	0.027		
7440-43-9	CADMIUM	1	0.18	1.2	0.077	B	
7440-47-3	CHROMIUM	1	18	2.5	0.15		
7440-50-8	COPPER	1	7.3	2.5	0.1		
7439-89-6	IRON	1	6400	25	1.5		
7439-92-1	LEAD	1	2.5	0.74	0.6		
7439-96-5	MANGANESE	1	110	2.5	0.034		
7782-49-2	SELENIUM	1	1.2	1.2	0.85	U	
7440-22-4	SILVER	1	0.19	2.5	0.14	B	
7440-66-6	ZINC	1	240	4.9	0.71		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.03 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.9	2.6	1.4	B	
7440-39-3	BARIUM	1	32	26	0.028		
7440-43-9	CADMIUM	1	0.12	1.3	0.08	B	
7440-47-3	CHROMIUM	1	18	2.6	0.16		
7440-50-8	COPPER	1	7.5	2.6	0.11		
7439-89-6	IRON	1	6400	26	1.5		
7439-92-1	LEAD	1	2.5	0.77	0.62		
7439-96-5	MANGANESE	1	110	2.6	0.035		
7782-49-2	SELENIUM	1	1.3	1.3	0.89	U	
7440-22-4	SILVER	1	2.6	2.6	0.14	U	
7440-66-6	ZINC	1	240	5.1	0.74		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5
Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.07 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	2.1	2	1.1		
7440-39-3	BARIUM	1	29	20	0.021		
7440-43-9	CADMIUM	1	0.14	0.99	0.062	B	
7440-47-3	CHROMIUM	1	16	2	0.12		
7440-50-8	COPPER	1	7.1	2	0.083		
7439-89-6	IRON	1	5800	20	1.2		
7439-92-1	LEAD	1	2.5	0.59	0.48		
7439-96-5	MANGANESE	1	100	2	0.027		
7782-49-2	SELENIUM	1	0.99	0.99	0.68	U	
7440-22-4	SILVER	1	0.17	2	0.11	B	
7440-66-6	ZINC	1	190	4	0.57		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.02 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.8	2.2	1.2	B	
7440-39-3	BARIUM	1	28	22	0.023		
7440-43-9	CADMIUM	1	0.16	1.1	0.068	B	
7440-47-3	CHROMIUM	1	17	2.2	0.13		
7440-50-8	COPPER	1	5.8	2.2	0.091		
7439-89-6	IRON	1	5600	22	1.3		
7439-92-1	LEAD	1	2.5	0.65	0.53		
7439-96-5	MANGANESE	1	110	2.2	0.03		
7782-49-2	SELENIUM	1	1.1	1.1	0.75	U	
7440-22-4	SILVER	1	2.2	2.2	0.12	U	
7440-66-6	ZINC	1	250	4.3	0.63		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7
Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.04g

Final Volume: 100ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.7	1.7	0.9	B	
7440-39-3	BARIUM	1	45	17	0.018		
7440-43-9	CADMIUM	1	0.11	0.84	0.053	B	
7440-47-3	CHROMIUM	1	13	1.7	0.1		
7440-50-8	COPPER	1	6.4	1.7	0.071		
7439-89-6	IRON	1	5800	17	1		
7439-92-1	LEAD	1	2.4	0.51	0.41		
7439-96-5	MANGANESE	1	110	1.7	0.023		
7782-49-2	SELENIUM	1	0.84	0.84	0.58	U	
7440-22-4	SILVER	1	1.7	1.7	0.095	U	
7440-66-6	ZINC	1	110	3.4	0.49		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

Lab ID: 0702150-8

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.05 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	2.2	1.2	0.65		
7440-39-3	BARIUM	1	29	12	0.013		
7440-43-9	CADMIUM	1	0.13	0.61	0.038	B	
7440-47-3	CHROMIUM	1	14	1.2	0.076		
7440-50-8	COPPER	1	4.6	1.2	0.051		
7439-89-6	IRON	1	9000	12	0.74		
7439-92-1	LEAD	1	2.8	0.37	0.3		
7439-96-5	MANGANESE	1	170	1.2	0.017		
7782-49-2	SELENIUM	1	0.61	0.61	0.42	U	
7440-22-4	SILVER	1	0.074	1.2	0.069	B	
7440-66-6	ZINC	1	150	2.4	0.35		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1
Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.06 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	2.5	2.2	1.1		
7440-39-3	BARIUM	1	88	22	0.023		
7440-43-9	CADMIUM	1	0.11	1.1	0.068	B	
7440-47-3	CHROMIUM	1	15	2.2	0.13		
7440-50-8	COPPER	1	12	2.2	0.091		
7439-89-6	IRON	1	9600	22	1.3		
7439-92-1	LEAD	1	5.7	0.65	0.52		
7439-96-5	MANGANESE	1	200	2.2	0.03		
7782-49-2	SELENIUM	1	1.1	1.1	0.75	U	
7440-22-4	SILVER	1	2.2	2.2	0.12	U	
7440-66-6	ZINC	1	220	4.3	0.62		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.6	2.5	1.3	B	
7440-39-3	BARIUM	1	83	25	0.027		
7440-43-9	CADMIUM	1	0.097	1.3	0.079	B	
7440-47-3	CHROMIUM	1	15	2.5	0.16		
7440-50-8	COPPER	1	11	2.5	0.11		
7439-89-6	IRON	1	9600	25	1.5		
7439-92-1	LEAD	1	5.5	0.76	0.61		
7439-96-5	MANGANESE	1	200	2.5	0.035		
7782-49-2	SELENIUM	1	1.3	1.3	0.87	U	
7440-22-4	SILVER	1	2.5	2.5	0.14	U	
7440-66-6	ZINC	1	220	5	0.73		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.03 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	1.9	2.3	1.2	B	
7440-39-3	BARIUM	1	80	23	0.024		
7440-43-9	CADMIUM	1	0.091	1.1	0.071	B	
7440-47-3	CHROMIUM	1	15	2.3	0.14		
7440-50-8	COPPER	1	12	2.3	0.095		
7439-89-6	IRON	1	10000	23	1.4		
7439-92-1	LEAD	1	6	0.68	0.55		
7439-96-5	MANGANESE	1	200	2.3	0.031		
7782-49-2	SELENIUM	1	1.1	1.1	0.78	U	
7440-22-4	SILVER	1	2.3	2.3	0.13	U	
7440-66-6	ZINC	1	220	4.5	0.65		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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Total ICP Metals

Method SW6010B

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3050 Rev B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 1.01 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7440-38-2	ARSENIC	1	3.3	1.4	0.76		
7440-39-3	BARIUM	1	85	14	0.015		
7440-43-9	CADMIUM	1	0.074	0.71	0.044	B	
7440-47-3	CHROMIUM	1	14	1.4	0.088		
7440-50-8	COPPER	1	8.8	1.4	0.06		
7439-89-6	IRON	1	12000	14	0.85		
7439-92-1	LEAD	1	7.4	0.43	0.34		
7439-96-5	MANGANESE	1	260	1.4	0.019		
7782-49-2	SELENIUM	1	0.61	0.71	0.49	B	
7440-22-4	SILVER	1	1.4	1.4	0.08	U	
7440-66-6	ZINC	1	83	2.8	0.41		

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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Total URANIUM

Method SW6020

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight

Final Volume: 100 ml
Matrix: SOLID
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
MS7-021607-1	0702150-1	2/16/2007	2/26/2007	02/27/2007	64.72	10	460	26	0.71		1.07 g
MS7-021607-2	0702150-2	2/16/2007	2/26/2007	02/27/2007	61.98	10	560	26	0.69		1.02 g
MS7-021607-3	0702150-3	2/16/2007	2/26/2007	02/27/2007	61.62	10	680	25	0.66		1.06 g
MS7-021607-4	0702150-4	2/16/2007	2/26/2007	02/27/2007	62.09	10	670	26	0.69		1.03 g
MS7-021607-5	0702150-5	2/16/2007	2/26/2007	02/27/2007	52.77	10	780	20	0.53		1.07 g
MS7-021607-6	0702150-6	2/16/2007	2/26/2007	02/27/2007	54.85	10	870	22	0.58		1.02 g
MS7-021607-7	0702150-7	2/16/2007	2/26/2007	02/27/2007	42.91	10	960	17	0.45		1.04 g
MS7-021607-8	0702150-8	2/16/2007	2/26/2007	02/27/2007	22.15	10	930	12	0.33		1.05 g
MS7-021707-1	0702150-10	2/17/2007	2/26/2007	02/27/2007	56.27	10	560	22	0.58		1.06 g
MS7-021707-2	0702150-11	2/17/2007	2/26/2007	02/27/2007	60.35	10	590	25	0.68		1 g
MS7-021707-3	0702150-12	2/17/2007	2/26/2007	02/27/2007	56.91	10	650	23	0.6		1.03 g
MS7-021707-4	0702150-13	2/17/2007	2/26/2007	02/27/2007	30.25	10	720	14	0.38	*	1.01 g

Comments:

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

Data Package ID: *im0702150-2*

Date Printed: Monday, March 05, 2007

Paragon Analytics
LIMS Version: 5.484A

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Total MERCURY

Method SW7471

Sample Results

Lab Name: Paragon Analytics

Client Name: S.M. Stoller Corp.

Client Project ID: LC Well 1 4165-030

Work Order Number: 0702150

Reporting Basis: Dry Weight

Final Volume: 100 ml

Matrix: SOLID

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
MS7-021607-1	0702150-1	2/16/2007	2/26/2007	02/26/2007	64.72	1	0.089	0.089	0.0022	U	0.634 g
MS7-021607-2	0702150-2	2/16/2007	2/26/2007	02/26/2007	61.98	1	0.084	0.084	0.0021	U	0.624 g
MS7-021607-3	0702150-3	2/16/2007	2/26/2007	02/26/2007	61.62	1	0.086	0.086	0.0021	U	0.609 g
MS7-021607-4	0702150-4	2/16/2007	2/26/2007	02/26/2007	62.09	1	0.086	0.086	0.0021	U	0.614 g
MS7-021607-5	0702150-5	2/16/2007	2/26/2007	02/26/2007	52.77	1	0.068	0.068	0.0017	U	0.62 g
MS7-021607-6	0702150-6	2/16/2007	2/26/2007	02/26/2007	54.85	1	0.073	0.073	0.0018	U	0.609 g
MS7-021607-7	0702150-7	2/16/2007	2/26/2007	02/26/2007	42.91	1	0.0018	0.055	0.0014	B	0.633 g
MS7-021607-8	0702150-8	2/16/2007	2/26/2007	02/26/2007	22.15	1	0.042	0.042	0.001	U	0.611 g
MS7-021707-1	0702150-10	2/17/2007	2/26/2007	02/26/2007	56.27	1	0.018	0.074	0.0018	B	0.617 g
MS7-021707-2	0702150-11	2/17/2007	2/26/2007	02/26/2007	60.35	1	0.015	0.079	0.002	B	0.636 g
MS7-021707-3	0702150-12	2/17/2007	2/26/2007	02/26/2007	56.91	1	0.017	0.075	0.0019	B	0.615 g
MS7-021707-4	0702150-13	2/17/2007	2/26/2007	02/26/2007	30.25	1	0.0053	0.048	0.0012	B	0.599 g

Comments:

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

Data Package ID: hg0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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ICP Metals

Method SW6010B--Leachate

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-4MB

Sample Matrix: LEACHATE

Prep Batch: IP070228-1

Sample Aliquot: 5g

% Moisture: N/A

QCBatchID: IP070228-1-1

Final Volume: 50g

Date Collected: N/A

Run ID: it070301-2a3

Result Units: mg/l

LEACH DATE: 2/27/2007

Date Extracted: 28-Feb-07

Cleanup: NONE

Clean DF: 1

Date Analyzed: 01-Mar-07

Basis: N/A

File Name: 070301A.

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	0.12	1	0.0011	B	
7440-43-9	CADMIUM	1	0.05	0.05	0.0043	U	
7440-47-3	CHROMIUM	1	0.0063	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: it0702150-1

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B--Leachate

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-4LCS

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 03/01/2007

Prep Method: SW3010A

Prep Batch: IP070228-1

QCBatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070301A.

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	20	18.6	0.1		93	80 - 120%
7440-39-3	BARIUM	20	18.8	1		94	80 - 120%
7440-43-9	CADMIUM	0.5	0.482	0.05		96	80 - 120%
7440-47-3	CHROMIUM	2	1.85	0.1		92	80 - 120%
7439-92-1	LEAD	5	4.74	0.03		95	80 - 120%
7782-49-2	SELENIUM	20	19.2	0.05		96	80 - 120%
7440-22-4	SILVER	1	0.966	0.1		97	80 - 120%

Lab ID: EX070227-4LCSD

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/28/2007

Date Analyzed: 03/01/2007

Prep Method: SW3010A

Prep Batch: IP070228-1

QCBatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: N/A

Sample Aliquot: 5g

Final Volume: 50g

Result Units: mg/l

Clean DF: 1

File Name: 070301A.

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	20	18.7	0.1		93	20	1
7440-39-3	BARIUM	20	18.8	1		94	20	0
7440-43-9	CADMIUM	0.5	0.489	0.05		98	20	1
7440-47-3	CHROMIUM	2	1.87	0.1		94	20	1
7439-92-1	LEAD	5	4.76	0.03		95	20	0
7782-49-2	SELENIUM	20	19.2	0.05		96	20	0
7440-22-4	SILVER	1	0.971	0.1		97	20	0

Data Package ID: it0702150-1

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030

Field ID: MS7-021607-4
LabID: 0702150-17MS

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 16-Feb-07
Date Extracted: 01-Mar-07
Date Analyzed: 02-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070301-1
QCBatchID: IP070301-1-1
Run ID: it070302-2a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
File Name: 070302A.

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	18.8		0.1	20	94	80 - 120%
7440-39-3	BARIUM	0.4	B	18.4		1	20	90	80 - 120%
7440-43-9	CADMIUM	0.0067	B	0.506		0.05	0.5	100	80 - 120%
7440-47-3	CHROMIUM	0.036	B	1.84		0.1	2	90	80 - 120%
7439-92-1	LEAD	0.03	U	4.79		0.03	5	96	80 - 120%
7782-49-2	SELENIUM	0.05	U	19.5		0.05	20	97	80 - 120%
7440-22-4	SILVER	0.1	U	0.984		0.1	1	98	80 - 120%

Field ID: MS7-021607-4
LabID: 0702150-17MSD

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 16-Feb-07
Date Extracted: 01-Mar-07
Date Analyzed: 02-Mar-07
Prep Method: SW3010 Rev A

Prep Batch: IP070301-1
QCBatchID: IP070301-1-1
Run ID: it070302-2a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 5g
Final Volume: 50g
Result Units: mg/l
File Name: 070302A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	18.9		20	95	0.1	20	1
7440-39-3	BARIUM	18.4		20	90	1	20	0
7440-43-9	CADMIUM	0.507		0.5	100	0.05	20	0
7440-47-3	CHROMIUM	1.84		2	90	0.1	20	0
7439-92-1	LEAD	4.79		5	96	0.03	20	0
7782-49-2	SELENIUM	19.5		20	98	0.05	20	0
7440-22-4	SILVER	0.987		1	99	0.1	20	0

Data Package ID: it0702150-1

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B--Leachate Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

LabID: 0702150-22MS

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070228-1

QC BatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

File Name: 070301A.

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	18.6		0.1	20	93	80 - 120%
7440-39-3	BARIUM	0.35	B	18.2		1	20	89	80 - 120%
7440-43-9	CADMIUM	0.05	U	0.486		0.05	0.5	97	80 - 120%
7440-47-3	CHROMIUM	0.0073	B	1.77		0.1	2	88	80 - 120%
7439-92-1	LEAD	0.03	U	4.66		0.03	5	93	80 - 120%
7782-49-2	SELENIUM	0.05	U	19.8		0.05	20	99	80 - 120%
7440-22-4	SILVER	0.1	U	0.975		0.1	1	97	80 - 120%

Field ID: MS7-021707-1

LabID: 0702150-22MSD

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: 17-Feb-07

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Method: SW3010 Rev A

Prep Batch: IP070228-1

QC BatchID: IP070228-1-1

Run ID: it070301-2a3

Cleanup: NONE

Basis: As Received

Sample Aliquot: 5 g

Final Volume: 50 g

Result Units: mg/l

File Name: 070301A.

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	1
7440-39-3	BARIUM	18		20	88	1	20	1
7440-43-9	CADMIUM	0.479		0.5	96	0.05	20	1
7440-47-3	CHROMIUM	1.75		2	87	0.1	20	1
7439-92-1	LEAD	4.61		5	92	0.03	20	1
7782-49-2	SELENIUM	19.5		20	97	0.05	20	1
7440-22-4	SILVER	0.967		1	97	0.1	20	1

Data Package ID: it0702150-1

Date Printed: Monday, March 05, 2007

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Mercury
Method SW7470A--Leachate
Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-4MB

Sample Matrix: LEACHATE

% Moisture: N/A

Date Collected: N/A

Date Extracted: 28-Feb-07

Date Analyzed: 01-Mar-07

Prep Batch: HG070228-1

QCBatchID: HG070228-1-1

Run ID: hg070301-1a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 2 g

Final Volume: 20 g

Result Units: mg/l

Clean DF: 1

File Name: 07030100

LEACH DATE: 2/27/2007

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	-0.0002	0.002	0.000049	B	

Data Package ID: hg0702150-1

Date Printed: Monday, March 05, 2007

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Mercury

Method SW7470A--Leachate

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070227-4LCS

Sample Matrix: LEACHATE

Prep Batch: HG070228-1

Sample Aliquot: 2 g

% Moisture: N/A

QCBatchID: HG070228-1-1

Final Volume: 20 g

Date Collected: N/A

Run ID: hg070301-1a2

Result Units: mg/l

Date Extracted: 02/28/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/01/2007

Basis: N/A

File Name: 07030100

Prep Method: METHOD

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.01	0.0098	0.002		98	80 - 120%

Lab ID: EX070227-4LCSD

Sample Matrix: LEACHATE

Prep Batch: HG070228-1

Sample Aliquot: 2 g

% Moisture: N/A

QCBatchID: HG070228-1-1

Final Volume: 20 g

Date Collected: N/A

Run ID: hg070301-1a2

Result Units: mg/l

Date Extracted: 02/28/2007

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/01/2007

Basis: N/A

File Name: 07030100

Prep Method: METHOD

LEACH DATE: 2/27/2007

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.01	0.00952	0.002		95	20	3

Data Package ID: hg0702150-1

Date Printed: Monday, March 05, 2007

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Mercury

Method SW7470A--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1
 LabID: 0702150-14MS

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 16-Feb-07
 Date Extracted: 28-Feb-07
 Date Analyzed: 01-Mar-07
 Prep Method: METHOD

Prep Batch: HG070228-1
 QCBatchID: HG070228-1-1
 Run ID: hg070301-1a2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 2g
 Final Volume: 20g
 Result Units: mg/l
 File Name: 07030100

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: MS7-021607-1
 LabID: 0702150-14MSD

LEACH DATE: 2/27/2007

Sample Matrix: LEACHATE
 % Moisture: N/A
 Date Collected: 16-Feb-07
 Date Extracted: 28-Feb-07
 Date Analyzed: 01-Mar-07
 Prep Method: METHOD

Prep Batch: HG070228-1
 QCBatchID: HG070228-1-1
 Run ID: hg070301-1a2
 Cleanup: NONE
 Basis: As Received

Sample Aliquot: 2g
 Final Volume: 20g
 Result Units: mg/l
 File Name: 07030100

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.0203		0.02	101	0.002	20	0

Data Package ID: hg0702150-1

Date Printed: Monday, March 05, 2007

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Mercury

Method SW7470A--Leachate

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7
LabID: 0702150-20MS

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 16-Feb-07
Date Extracted: 01-Mar-07
Date Analyzed: 02-Mar-07
Prep Method: METHOD

Prep Batch: HG070301-1
QCBatchID: HG070301-1-1
Run ID: hg070302-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07030200

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	0.02		0.002	0.02	100	80 - 120%

Field ID: MS7-021607-7
LabID: 0702150-20MSD

LEACH DATE: 2/28/2007

Sample Matrix: LEACHATE
% Moisture: N/A
Date Collected: 16-Feb-07
Date Extracted: 01-Mar-07
Date Analyzed: 02-Mar-07
Prep Method: METHOD

Prep Batch: HG070301-1
QCBatchID: HG070301-1-1
Run ID: hg070302-1a2
Cleanup: NONE
Basis: As Received

Sample Aliquot: 2 g
Final Volume: 20 g
Result Units: mg/l
File Name: 07030200

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.0202		0.02	101	0.002	20	1

Data Package ID: hg0702150-1

ICP Metals

Method SW6010B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: IP070226-3MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

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	0.056	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	0.18	1	0.042	B	
7439-89-6	IRON	1	1.5	10	0.6	B	
7439-92-1	LEAD	1	0.3	0.3	0.24	U	
7439-96-5	MANGANESE	1	1	1	0.014	U	
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	2	2	0.29	U	

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: IP070226-3LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/26/2007

Date Analyzed: 02/27/2007

Prep Method: SW3050B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-38-2	ARSENIC	200	186	1		93	80 - 120%
7440-39-3	BARIUM	200	187	10		94	80 - 120%
7440-43-9	CADMIUM	5	4.97	0.5		99	80 - 120%
7440-47-3	CHROMIUM	20	19.2	1		96	80 - 120%
7440-50-8	COPPER	25	24.8	1		99	80 - 120%
7439-89-6	IRON	100	96	10		96	80 - 120%
7439-92-1	LEAD	50	47.5	0.3		95	80 - 120%
7439-96-5	MANGANESE	50	48.1	1		96	80 - 120%
7782-49-2	SELENIUM	200	186	0.5		93	80 - 120%
7440-22-4	SILVER	10	9.75	1		97	80 - 120%
7440-66-6	ZINC	50	48.5	2		97	80 - 120%

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: IP070226-3LCSD

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/26/2007

Date Analyzed: 02/27/2007

Prep Method: SW3050B

Prep Batch: IP070226-3

QCBatchID: IP070226-3-1

Run ID: it070227-2a5

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 070227A.

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-38-2	ARSENIC	200	184	1		92	20	2
7440-39-3	BARIUM	200	186	10		93	20	1
7440-43-9	CADMIUM	5	4.86	0.5		97	20	2
7440-47-3	CHROMIUM	20	19	1		95	20	1
7440-50-8	COPPER	25	24.6	1		98	20	1
7439-89-6	IRON	100	94.8	10		95	20	1
7439-92-1	LEAD	50	46.7	0.3		93	20	2
7439-96-5	MANGANESE	50	47.3	1		95	20	2
7782-49-2	SELENIUM	200	183	0.5		91	20	2
7440-22-4	SILVER	10	9.62	1		96	20	1
7440-66-6	ZINC	50	47.1	2		94	20	3

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4 LabID: 0702150-13MS

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 27-Feb-07
Prep Method: SW3050 Rev B

Prep Batch: IP070226-3
QCBatchID: IP070226-3-1
Run ID: it070227-2a5
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 070227A.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-38-2	ARSENIC	3.3		251		1.41	281	88	80 - 120%
7440-39-3	BARIUM	85		330		14.1	281	87	80 - 120%
7440-43-9	CADMIUM	0.074	B	6.84		0.703	7.03	96	80 - 120%
7440-47-3	CHROMIUM	14		37.5		1.41	28.1	84	80 - 120%
7440-50-8	COPPER	8.8		43.6		1.41	35.1	99	80 - 120%
7439-89-6	IRON	12000		11500		14.1	141	-97	80 - 120%
7439-92-1	LEAD	7.4		67.7		0.422	70.3	86	80 - 120%
7439-96-5	MANGANESE	260		342		1.41	70.3	115	80 - 120%
7782-49-2	SELENIUM	0.61	B	258		0.703	281	91	80 - 120%
7440-22-4	SILVER	1.41	U	13.6		1.41	14.1	97	80 - 120%
7440-66-6	ZINC	83		149		2.81	70.3	93	80 - 120%

Data Package ID: it0702150-2

Date Printed: Monday, March 05, 2007

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
LabID: 0702150-13MSD

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 27-Feb-07
Prep Method: SW3050 Rev B

Prep Batch: IP070226-3
QCBatchID: IP070226-3-1
Run ID: it070227-2a5
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.04g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 070227A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-38-2	ARSENIC	248		276	89	1.38	20	1
7440-39-3	BARIUM	332		276	89	13.8	20	1
7440-43-9	CADMIUM	6.8		6.89	98	0.689	20	1
7440-47-3	CHROMIUM	40.4		27.6	96	1.38	20	8
7440-50-8	COPPER	42.9		34.5	99	1.38	20	1
7439-89-6	IRON	12600		138	744	13.8	20	10
7439-92-1	LEAD	67.3		68.9	87	0.414	20	0
7439-96-5	MANGANESE	320		68.9	85	1.38	20	7
7782-49-2	SELENIUM	253		276	92	0.689	20	2
7440-22-4	SILVER	13.4		13.8	97	1.38	20	2
7440-66-6	ZINC	151		68.9	98	2.76	20	2

Data Package ID: #0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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ICPMS Metals

Method SW6020A

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: IP070226-3MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 27-Feb-07

Prep Batch: IP070226-3

QCBatchID: IP070226-3-2

Run ID: im070227-1a3

Cleanup: NONE

Basis: N/A

Sample Aliquot: 1 g

Final Volume: 100 ml

Result Units: ug/kg

Clean DF: 1

File Name: 27FEB07A

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

Data Package ID: im0702150-2

Date Printed: Monday, March 05, 2007

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ICPMS Metals

Method SW6020A

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: IM070226-3LCS	Sample Matrix: SOLID % Moisture: N/A Date Collected: N/A Date Extracted: 02/26/2007 Date Analyzed: 02/27/2007 Prep Method: SW3050B	Prep Batch: IP070226-3 QCBatchID: IP070226-3-2 Run ID: im070227-1a3 Cleanup: NONE Basis: N/A	Sample Aliquot: 1 g Final Volume: 100 ml Result Units: ug/kg Clean DF: 1 File Name: 27FEB07A
-----------------------	---	--	--

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-61-1	URANIUM	2000	2000	10		100	80 - 120%

Lab ID: IM070226-3LCSD	Sample Matrix: SOLID % Moisture: N/A Date Collected: N/A Date Extracted: 02/26/2007 Date Analyzed: 02/27/2007 Prep Method: SW3050B	Prep Batch: IP070226-3 QCBatchID: IP070226-3-2 Run ID: im070227-1a3 Cleanup: NONE Basis: N/A	Sample Aliquot: 1 g Final Volume: 100 ml Result Units: ug/kg Clean DF: 1 File Name: 27FEB07A
------------------------	---	--	--

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7440-61-1	URANIUM	2000	1990	10		99	20	0

Data Package ID: im0702150-2

Date Printed: Monday, March 05, 2007

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ICPMS Metals

Method SW6020A

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4	Sample Matrix: SOLID	Prep Batch: IP070226-3	Sample Aliquot: 1.02g
LabID: 0702150-13MS	% Moisture: 30.2	QCBatchID: IP070226-3-2	Final Volume: 100ml
	Date Collected: 17-Feb-07	Run ID: im070227-1a3	Result Units: ug/kg
	Date Extracted: 26-Feb-07	Cleanup: NONE	File Name: 27FEB07A
	Date Analyzed: 27-Feb-07	Basis: Dry Weight	
	Prep Method: SW3050 Rev B		

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-61-1	URANIUM	720		3630		14.1	2810	104	75 - 125%

Field ID: MS7-021707-4	Sample Matrix: SOLID	Prep Batch: IP070226-3	Sample Aliquot: 1.04g
LabID: 0702150-13MSD	% Moisture: 30.2	QCBatchID: IP070226-3-2	Final Volume: 100ml
	Date Collected: 17-Feb-07	Run ID: im070227-1a3	Result Units: ug/kg
	Date Extracted: 26-Feb-07	Cleanup: NONE	File Name: 27FEB07A
	Date Analyzed: 27-Feb-07	Basis: Dry Weight	
	Prep Method: SW3050 Rev B		

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-61-1	URANIUM	3840		2760	113	13.8	20	6

Data Package ID: im0702150-2

Mercury

Method SW7471A

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HG070226-1MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Feb-07

Date Analyzed: 26-Feb-07

Prep Batch: HG070226-1

QCBatchID: HG070226-1-1

Run ID: hg070226-3a2

Cleanup: NONE

Basis: N/A

Sample Aliquot: 0.6 g

Final Volume: 100 ml

Result Units: mg/kg

Clean DF: 1

File Name: 07022601

CASNO	Target Analyte	DF	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
7439-97-6	MERCURY	1	-0.0035	0.033	0.00083	B	

Data Package ID: hg0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Mercury

Method SW7471A

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: HG070226-1LCS

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/26/2007
Date Analyzed: 02/26/2007
Prep Method: METHOD

Prep Batch: HG070226-1
QCBatchID: HG070226-1-1
Run ID: hg070226-3a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: mg/kg
Clean DF: 1
File Name: 07022601

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.168	0.0333		101	80 - 120%

Lab ID: HG070226-1LCSD

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/26/2007
Date Analyzed: 02/26/2007
Prep Method: METHOD

Prep Batch: HG070226-1
QCBatchID: HG070226-1-1
Run ID: hg070226-3a2
Cleanup: NONE
Basis: N/A

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: mg/kg
Clean DF: 1
File Name: 07022601

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.172	0.0333		103	20	2

Data Package ID: hg0702150-2

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Mercury

Method SW7471A

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics
Work Order Number: 0702150
Client Name: S.M. Stoller Corp.
ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4
LabID: 0702150-13MS

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 26-Feb-07
Prep Method: METHOD

Prep Batch: HG070226-1
QCBatchID: HG070226-1-1
Run ID: hg070226-3a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.596 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07022601

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.0053	B	0.505		0.0481	0.481	104	80 - 120%

Field ID: MS7-021707-4
LabID: 0702150-13MSD

Sample Matrix: SOLID
% Moisture: 30.2
Date Collected: 17-Feb-07
Date Extracted: 26-Feb-07
Date Analyzed: 26-Feb-07
Prep Method: METHOD

Prep Batch: HG070226-1
QCBatchID: HG070226-1-1
Run ID: hg070226-3a2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.598 g
Final Volume: 100 ml
Result Units: mg/kg
File Name: 07022601

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7439-97-6	MERCURY	0.501		0.479	103	0.0479	20	1

Data Package ID: hg0702150-2

Date Printed: Monday, March 05, 2007

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Paragon Analytics

OIL AND GREASE CASE NARRATIVE

S.M. Stoller Corp.

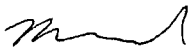
LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples. The samples were received intact on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
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. 6.
3. Due to the high moisture content of the samples, sample aliquots were reduced from the standard 50 gram aliquot. 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 0702150-8 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

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.


Brendon Howard
Extractions Analyst

3/7/07
Date

EX
Reporter's Initials

03-07-07
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: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

Oil & Grease, Gravimetric

Method SW9071B

Method Blank

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070301-1MB

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 01-Mar-07

Date Analyzed: 07-Mar-07

Prep Method: METHOD

Prep Batch: EX070301-1

QCBatchID: EX070301-1-1

Run ID: EX070301-1A

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: EX0702150-1

Date Printed: Wednesday, March 07, 2007

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OIL AND GREASE

Method SW9071B

Sample Results

Lab Name: Paragon Analytics
Client Name: S.M. Stoller Corp.
Client Project ID: LC Well 1 4165-030
Work Order Number: 0702150
Reporting Basis: Dry Weight
Prep Method: METHOD

Final Volume: 1 sample
Matrix: SOLID
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
MS7-021607-1	0702150-1	02/16/2007	03/01/2007	03/07/2007	64.72	1	15000	140		25.42 g
MS7-021607-2	0702150-2	02/16/2007	03/01/2007	03/07/2007	61.98	1	7000	110		29.93 g
MS7-021607-3	0702150-3	02/16/2007	03/01/2007	03/07/2007	61.62	1	6400	110		30.31 g
MS7-021607-4	0702150-4	02/16/2007	03/01/2007	03/07/2007	62.09	1	5600	110		30.04 g
MS7-021607-5	0702150-5	02/16/2007	03/01/2007	03/07/2007	52.77	1	9500	87		30.3 g
MS7-021607-6	0702150-6	02/16/2007	03/01/2007	03/07/2007	54.85	1	10000	90		30.79 g
MS7-021607-7	0702150-7	02/16/2007	03/01/2007	03/07/2007	42.91	1	2500	72		30.46 g
MS7-021607-8	0702150-8	02/16/2007	03/01/2007	03/07/2007	22.15	1	2400	53		30.01 g
MS7-021707-1	0702150-10	02/17/2007	03/01/2007	03/07/2007	56.27	1	9500	95		30.03 g
MS7-021707-2	0702150-11	02/17/2007	03/01/2007	03/07/2007	60.35	1	5600	120		25.64 g
MS7-021707-3	0702150-12	02/17/2007	03/01/2007	03/07/2007	56.91	1	6900	96		30.12 g
MS7-021707-4	0702150-13	02/17/2007	03/01/2007	03/07/2007	30.25	1	4700	58		30.67 g

Comments:

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

Data Package ID: EX0702150-1

Date Printed: Wednesday, March 07, 2007

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Oil & Grease, Gravimetric

Method SW9071B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070301-1LCS

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/01/2007
Date Analyzed: 03/07/2007
Prep Method: METHOD

Prep Batch: EX070301-1
QCBatchID: EX070301-1-1
Run ID: EX070301-1A
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	2060	2090	25		102	80 - 120%

Lab ID: EX070301-1LCSD

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/01/2007
Date Analyzed: 03/07/2007
Prep Method: METHOD

Prep Batch: EX070301-1
QCBatchID: EX070301-1-1
Run ID: EX070301-1A
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	2060	2080	25		101	20	0

Data Package ID: EX0702150-1

Date Printed: Wednesday, March 07, 2007

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Oil & Grease, Gravimetric

Method SW9071B

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8

LabID: 0702150-8MS

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 07-Mar-07

Prep Method: METHOD

Prep Batch: EX070301-1

QCBatchID: EX070301-1-1

Run ID: EX070301-1A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.42 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	2400		6300		52.8	4340	94	80 - 120%

Field ID: MS7-021607-8

LabID: 0702150-8MSD

Sample Matrix: SOLID

% Moisture: 22.2

Date Collected: 16-Feb-07

Date Extracted: 01-Mar-07

Date Analyzed: 07-Mar-07

Prep Method: METHOD

Prep Batch: EX070301-1

QCBatchID: EX070301-1-1

Run ID: EX070301-1A

Cleanup: NONE

Basis: Dry Weight

Sample Aliquot: 30.22 g

Final Volume: 1 sample

Result Units: mg/kg

File Name:

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
10-30-0	OIL AND GREASE	6580		4370	99	53.1	20	4

Data Package ID: EX0702150-1

Date Printed: Wednesday, March 07, 2007

Paragon Analytics

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Paragon Analytics

PCBs Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples. The samples were received intact by Paragon on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
2. These samples were extracted and analyzed according to SW-846, 3rd Edition procedures. Specifically, the solid samples were extracted using soxhlet procedures according to Paragon Analytics Standard Operating Procedure 625 Revision 10 based on Method 3540C. The extracts were then processed using sulfuric acid cleanup according to Paragon Analytics Standard Operating Procedure 651 Revision 8 based on Method 3665A in an attempt to remove potential interferences.
3. The extracts were then analyzed using GC/ECD (electron capture detectors) with an RTX-CLPesticides capillary column according to Paragon Analytics Standard Operating Protocol 409 Revision 5 based on SW-846 Method 8082. All positive results were then confirmed on an RTX-CLPesticidesII column. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column that met initial and continuing calibration criteria.
4. All initial and continuing calibration criteria were met with the following exceptions:

Continuing calibration 1660 022607-4CCV – aroclor 1260 was out low on column 2. Quantitation for each analyte was reported from the column that passed initial and continuing calibration criteria.

Continuing calibration 1660 022707-1CCV – aroclor 1260 was out low on column 2.
Continuing calibration 1660 022707-2CCV – aroclor 1260 and decachlorobiphenyl were out low on both columns.
Continuing calibration 1254 022707-2CCV – aroclor 1254 was out low on column 2. Decachlorobiphenyl was out low on both columns.

Samples 0702150-8, -8MS, -8MSD, -10, -11, -12, and -13 were bracketed by the above calibration verifications. These samples were analyzed on a separate day with similar results for aroclor 1254, aroclor 1260, and decachlorobiphenyl in the ending calibration verifications. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column.

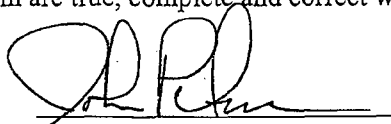
5. The method blank associated with this project was below the MDL for all analytes.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
7. Sample 0702150-8 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria.
8. All samples were extracted and analyzed within the established holding times.
9. All surrogate recoveries were within acceptable limits with the following exceptions:

Surrogate	Sample	Direction
Decachlorobiphenyl	0702150-2, -3, -4, -5, -6, -7, -10, -11, -12, & -13	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

3/5/07
Date

EP
Reviewer's Initials

03-05-07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

***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.

PCBs

Method SW8082

Method Blank

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-4MB

Sample Matrix: SOLID
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: N/A

Sample Aliquot: 30 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028976

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	14.8		16.7	89	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.5		16.7	99	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID:	MS7-021607-1
Lab ID:	0702150-1

Sample Matrix: SOLID

% Moisture: 64.7

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.02 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028979

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	94	94	11	U	
11104-28-2	AROCLOR-1221	1	190	190	15	U	
11141-16-5	AROCLOR-1232	1	94	94	15	U	
53469-21-9	AROCLOR-1242	1	94	94	14	U	
12672-29-6	AROCLOR-1248	1	94	94	6.4	U	
11097-69-1	AROCLOR-1254	1	94	94	11	U	
11096-82-5	AROCLOR-1260	1	94	94	7.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	29.3		47.2	62	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	52.2		47.2	111	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-2

Lab ID: 0702150-2

Sample Matrix: SOLID

% Moisture: 62.0

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.14 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028980

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	14	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.9	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23.6	*	43.6	54	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	43.8		43.6	100	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3
Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.12 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028981

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	13	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.8	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23.9	*	43.3	55	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	44.3		43.3	102	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4

Lab ID: 0702150-4

Sample Matrix: SOLID

% Moisture: 62.1

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.25g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028982

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	14	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.9	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23	*	43.6	53	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	42.2		43.6	97	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5
Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.59g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028983

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	69	69	8.1	U	
11104-28-2	AROCLOR-1221	1	140	140	11	U	
11141-16-5	AROCLOR-1232	1	69	69	11	U	
53469-21-9	AROCLOR-1242	1	69	69	10	U	
12672-29-6	AROCLOR-1248	1	69	69	4.7	U	
11097-69-1	AROCLOR-1254	1	69	69	8.4	U	
11096-82-5	AROCLOR-1260	1	69	69	5.3	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16	*	34.6	46	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	30.2		34.6	87	70 - 125

Data Package ID: PT0702150-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MST-021607-6

Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.79g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028984

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	72	72	8.4	U	
11104-28-2	AROCLOR-1221	1	140	140	12	U	
11141-16-5	AROCLOR-1232	1	72	72	11	U	
53469-21-9	AROCLOR-1242	1	72	72	11	U	
12672-29-6	AROCLOR-1248	1	72	72	4.9	U	
11097-69-1	AROCLOR-1254	1	72	72	8.7	U	
11096-82-5	AROCLOR-1260	1	72	72	5.5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.6	*	36	46	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	32.3		36	90	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7
Lab ID: 0702150-7

Sample Matrix: SOLID

% Moisture: 42.9

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.1 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028985

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	58	58	6.8	U	
11104-28-2	AROCLOR-1221	1	120	120	9.3	U	
11141-16-5	AROCLOR-1232	1	58	58	9.1	U	
53469-21-9	AROCLOR-1242	1	58	58	8.7	U	
12672-29-6	AROCLOR-1248	1	58	58	3.9	U	
11097-69-1	AROCLOR-1254	1	58	58	7.1	U	
11096-82-5	AROCLOR-1260	1	58	58	4.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.7	*	29.1	57	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	26.2		29.1	90	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8
 Lab ID: 0702150-8

Sample Matrix: SOLID
 % Moisture: 22.2
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 27-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070227-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.14g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028999

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	43	43	5	U	
11104-28-2	AROCLOR-1221	1	85	85	6.8	U	
11141-16-5	AROCLOR-1232	1	43	43	6.6	U	
53469-21-9	AROCLOR-1242	1	43	43	6.4	U	
12672-29-6	AROCLOR-1248	1	43	43	2.9	U	
11097-69-1	AROCLOR-1254	1	43	43	5.2	U	
11096-82-5	AROCLOR-1260	1	43	43	3.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	14.2		21.3	67	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17		21.3	80	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1

Lab ID: 0702150-10

Sample Matrix: SOLID

% Moisture: 56.3

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.3g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029002

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	75	75	8.9	U	
11104-28-2	AROCLOR-1221	1	150	150	12	U	
11141-16-5	AROCLOR-1232	1	75	75	12	U	
53469-21-9	AROCLOR-1242	1	75	75	11	U	
12672-29-6	AROCLOR-1248	1	75	75	5.1	U	
11097-69-1	AROCLOR-1254	1	75	75	9.2	U	
11096-82-5	AROCLOR-1260	1	75	75	5.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	10.4	*	37.7	28	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	32.7		37.7	87	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.7 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029003

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	82	82	9.6	U	
11104-28-2	AROCLOR-1221	1	160	160	13	U	
11141-16-5	AROCLOR-1232	1	82	82	13	U	
53469-21-9	AROCLOR-1242	1	82	82	12	U	
12672-29-6	AROCLOR-1248	1	82	82	5.5	U	
11097-69-1	AROCLOR-1254	1	82	82	10	U	
11096-82-5	AROCLOR-1260	1	82	82	6.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	11.8	*	41.1	29	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	35.1		41.1	85	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3
 Lab ID: 0702150-12

Sample Matrix: SOLID
 % Moisture: 56.9
 Date Collected: 17-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 27-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070227-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.27 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA029004

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	77	77	9	U	
11104-28-2	AROCLOR-1221	1	150	150	12	U	
11141-16-5	AROCLOR-1232	1	77	77	12	U	
53469-21-9	AROCLOR-1242	1	77	77	11	U	
12672-29-6	AROCLOR-1248	1	77	77	5.2	U	
11097-69-1	AROCLOR-1254	1	77	77	9.3	U	
11096-82-5	AROCLOR-1260	1	77	77	5.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	8.48	*	38.3	22	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	35.9		38.3	94	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.17 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029005

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	48	48	5.6	U	
11104-28-2	AROCLOR-1221	1	95	95	7.6	U	
11141-16-5	AROCLOR-1232	1	48	48	7.4	U	
53469-21-9	AROCLOR-1242	1	48	48	7.1	U	
12672-29-6	AROCLOR-1248	1	48	48	3.2	U	
11097-69-1	AROCLOR-1254	1	48	48	5.8	U	
11096-82-5	AROCLOR-1260	1	48	48	3.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	6.79	*	23.8	29	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	20.7		23.8	87	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-4LCS

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/22/2007
Date Analyzed: 02/26/2007
Prep Method: SW3540C

Prep Batch: EX070222-4
QCBatchID: EX070222-4-1
Run ID: PT070226A-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA028977

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	159	33.3		96	40 - 140%
11096-82-5	AROCLOR-1260	167	159	33.3		95	60 - 130%

Lab ID: EX070222-4LCSD

Sample Matrix: SOLID
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/22/2007
Date Analyzed: 02/26/2007
Prep Method: SW3540C

Prep Batch: EX070222-4
QCBatchID: EX070222-4-1
Run ID: PT070226A-1
Cleanup: SW3665
Basis: N/A

Sample Aliquot: 30 g
Final Volume: 10 ml
Result Units: ug/kg
Clean DF: 1
File Name: EA028978

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	161	33.3		97	50	1
11096-82-5	AROCLOR-1260	167	158	33.3		95	50	1

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	89		86		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	96		94		70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

Paragon Analytics

LIMS Version: 5.484A

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PCBs

Method SW8082

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8	Sample Matrix: SOLID	Prep Batch: EX070222-4	Sample Aliquot: 30.22 g
LabID: 0702150-8MS	% Moisture: 22.2	QCBatchID: EX070222-4-1	Final Volume: 10 ml
	Date Collected: 16-Feb-07	Run ID: PT070227-1	Result Units: ug/kg
	Date Extracted: 22-Feb-07	Cleanup: SW3665	File Name: EA029000
	Date Analyzed: 27-Feb-07	Basis: Dry Weight	
	Prep Method: SW3540 Rev C		

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	43	U	155		42.5	213	73	40 - 140%
11096-82-5	AROCLOR-1260	43	U	136		42.5	213	64	60 - 130%

Field ID: MS7-021607-8	Sample Matrix: SOLID	Prep Batch: EX070222-4	Sample Aliquot: 30.04 g
LabID: 0702150-8MSD	% Moisture: 22.2	QCBatchID: EX070222-4-1	Final Volume: 10 ml
	Date Collected: 16-Feb-07	Run ID: PT070227-1	Result Units: ug/kg
	Date Extracted: 22-Feb-07	Cleanup: SW3665	File Name: EA029001
	Date Analyzed: 27-Feb-07	Basis: Dry Weight	
	Prep Method: SW3540 Rev C		

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
12674-11-2	AROCLOR-1016	153		214	71	42.8	50	2
11096-82-5	AROCLOR-1260	132		214	62	42.8	50	2

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	21.3	64		64		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	21.3	80		77		70 - 125

Data Package ID: PT0702150-1

Paragon Analytics

PCBs Case Narrative

S.M. Stoller Corp.

LC Well 1 -- 4165-030

Order Number - 0702150

1. This report consists of 12 solid samples. The samples were received intact by Paragon on 02/21/07. Samples 0702150-1, -2, and -3 were received at 9°C. All other samples were received at less than 6°C.
2. These samples were extracted and analyzed according to SW-846, 3rd Edition procedures. Specifically, the solid samples were extracted using soxhlet procedures according to Paragon Analytics Standard Operating Procedure 625 Revision 10 based on Method 3540C. The extracts were then processed using sulfuric acid cleanup according to Paragon Analytics Standard Operating Procedure 651 Revision 8 based on Method 3665A in an attempt to remove potential interferences.
3. The extracts were then analyzed using GC/ECD (electron capture detectors) with an RTX-CLPesticides capillary column according to Paragon Analytics Standard Operating Protocol 409 Revision 5 based on SW-846 Method 8082. All positive results were then confirmed on an RTX-CLPesticidesII column. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column that met initial and continuing calibration criteria.
4. All initial and continuing calibration criteria were met with the following exceptions:

Continuing calibration 1660 022607-4CCV – aroclor 1260 was out low on column 2. Quantitation for each analyte was reported from the column that passed initial and continuing calibration criteria.

Continuing calibration 1660 022707-1CCV – aroclor 1260 was out low on column 2.
Continuing calibration 1660 022707-2CCV – aroclor 1260 and decachlorobiphenyl were out low on both columns.
Continuing calibration 1254 022707-2CCV – aroclor 1254 was out low on column 2. Decachlorobiphenyl was out low on both columns.

Samples 0702150-8, -8MS, -8MSD, -10, -11, -12, and -13 were bracketed by the above calibration verifications. These samples were analyzed on a separate day with similar results for aroclor 1254, aroclor 1260, and decachlorobiphenyl in the ending calibration verifications. Unless interferences were present, the quantitation of each analyte is the higher of the concentrations obtained from each column.

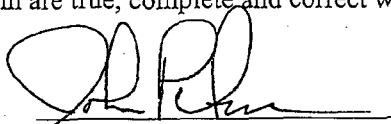
5. The method blank associated with this project was below the MDL for all analytes.
6. All laboratory control spike and laboratory control spike duplicate recoveries and RPDs were within the acceptance criteria.
7. Sample 0702150-8 was designated as the quality control sample for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC. All matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria.
8. All samples were extracted and analyzed within the established holding times.
9. All surrogate recoveries were within acceptable limits with the following exceptions:

Surrogate	Sample	Direction
Decachlorobiphenyl	0702150-2, -3, -4, -5, -6, -7, -10, -11, -12, & -13	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

3/5/07
Date

EX
Reviewer's Initials

03-05-07
Date

Paragon Analytics

Sample Number(s) Cross-Reference Table

Paragon OrderNum: 0702150

Client Name: S.M. Stoller Corp.

Client Project Name: LC Well 1

Client Project Number: 4165-030

Client PO Number:

Client Sample	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
MS7-021607-1	0702150-1		SOLID	16-Feb-07	14:15
MS7-021607-2	0702150-2		SOLID	16-Feb-07	14:38
MS7-021607-3	0702150-3		SOLID	16-Feb-07	15:30
MS7-021607-4	0702150-4		SOLID	16-Feb-07	15:32
MS7-021607-5	0702150-5		SOLID	16-Feb-07	15:56
MS7-021607-6	0702150-6		SOLID	16-Feb-07	16:25
MS7-021607-7	0702150-7		SOLID	16-Feb-07	16:50
MS7-021607-8	0702150-8		SOLID	16-Feb-07	17:15
MS7-021607-9	0702150-9		WATER	16-Feb-07	17:20
MS7-021707-1	0702150-10		SOLID	17-Feb-07	9:42
MS7-021707-2	0702150-11		SOLID	17-Feb-07	10:10
MS7-021707-3	0702150-12		SOLID	17-Feb-07	10:30
MS7-021707-4	0702150-13		SOLID	17-Feb-07	11:05
MS7-021607-1	0702150-14		LEACHAT	16-Feb-07	14:15
MS7-021607-2	0702150-15		LEACHAT	16-Feb-07	14:38
MS7-021607-3	0702150-16		LEACHAT	16-Feb-07	15:30
MS7-021607-4	0702150-17		LEACHAT	16-Feb-07	15:32
MS7-021607-5	0702150-18		LEACHAT	16-Feb-07	15:56
MS7-021607-6	0702150-19		LEACHAT	16-Feb-07	16:25
MS7-021607-7	0702150-20		LEACHAT	16-Feb-07	16:50
MS7-021607-8	0702150-21		LEACHAT	16-Feb-07	17:15
MS7-021707-1	0702150-22		LEACHAT	17-Feb-07	9:42
MS7-021707-2	0702150-23		LEACHAT	17-Feb-07	10:10
MS7-021707-3	0702150-24		LEACHAT	17-Feb-07	10:30
MS7-021707-4	0702150-25		LEACHAT	17-Feb-07	11:05

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.

PCBs

Method SW8082

Method Blank

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-4MB

Sample Matrix: SOLID
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: N/A

Sample Aliquot: 30 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028976

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	14.8		16.7	89	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.5		16.7	99	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-1
 Lab ID: 0702150-1

Sample Matrix: SOLID
 % Moisture: 64.7
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.02 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028979

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	94	94	11	U	
11104-28-2	AROCLOR-1221	1	190	190	15	U	
11141-16-5	AROCLOR-1232	1	94	94	15	U	
53469-21-9	AROCLOR-1242	1	94	94	14	U	
12672-29-6	AROCLOR-1248	1	94	94	6.4	U	
11097-69-1	AROCLOR-1254	1	94	94	11	U	
11096-82-5	AROCLOR-1260	1	94	94	7.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	29.3		47.2	62	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	52.2		47.2	111	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MST-021607-2
 Lab ID: 0702150-2

Sample Matrix: SOLID
 % Moisture: 62.0
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.14g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028980

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	14	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.9	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23.6	*	43.6	54	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	43.8		43.6	100	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-3

Lab ID: 0702150-3

Sample Matrix: SOLID

% Moisture: 61.6

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.12 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028981

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	13	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.8	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23.9	*	43.3	55	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	44.3		43.3	102	70 - 125

Data Package ID: PT0702150-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-4
 Lab ID: 0702150-4

Sample Matrix: SOLID
 % Moisture: 62.1
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.25 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028982

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	87	87	10	U	
11104-28-2	AROCLOR-1221	1	170	170	14	U	
11141-16-5	AROCLOR-1232	1	87	87	14	U	
53469-21-9	AROCLOR-1242	1	87	87	13	U	
12672-29-6	AROCLOR-1248	1	87	87	5.9	U	
11097-69-1	AROCLOR-1254	1	87	87	11	U	
11096-82-5	AROCLOR-1260	1	87	87	6.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	23	*	43.6	53	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	42.2		43.6	97	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-5

Lab ID: 0702150-5

Sample Matrix: SOLID

% Moisture: 52.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.59 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028983

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	69	69	8.1	U	
11104-28-2	AROCLOR-1221	1	140	140	11	U	
11141-16-5	AROCLOR-1232	1	69	69	11	U	
53469-21-9	AROCLOR-1242	1	69	69	10	U	
12672-29-6	AROCLOR-1248	1	69	69	4.7	U	
11097-69-1	AROCLOR-1254	1	69	69	8.4	U	
11096-82-5	AROCLOR-1260	1	69	69	5.3	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16	*	34.6	46	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	30.2		34.6	87	70 - 125

Data Package ID: PT0702150-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-6
Lab ID: 0702150-6

Sample Matrix: SOLID

% Moisture: 54.8

Date Collected: 16-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 26-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.79g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028984

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	72	72	8.4	U	
11104-28-2	AROCLOR-1221	1	140	140	12	U	
11141-16-5	AROCLOR-1232	1	72	72	11	U	
53469-21-9	AROCLOR-1242	1	72	72	11	U	
12672-29-6	AROCLOR-1248	1	72	72	4.9	U	
11097-69-1	AROCLOR-1254	1	72	72	8.7	U	
11096-82-5	AROCLOR-1260	1	72	72	5.5	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.6	*	36	46	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	32.3		36	90	70 - 125

Data Package ID: PT0702150-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-7
 Lab ID: 0702150-7

Sample Matrix: SOLID
 % Moisture: 42.9
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 26-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070226A-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.1 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028985

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	58	58	6.8	U	
11104-28-2	AROCLOR-1221	1	120	120	9.3	U	
11141-16-5	AROCLOR-1232	1	58	58	9.1	U	
53469-21-9	AROCLOR-1242	1	58	58	8.7	U	
12672-29-6	AROCLOR-1248	1	58	58	3.9	U	
11097-69-1	AROCLOR-1254	1	58	58	7.1	U	
11096-82-5	AROCLOR-1260	1	58	58	4.4	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	16.7	*	29.1	57	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	26.2		29.1	90	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8
 Lab ID: 0702150-8

Sample Matrix: SOLID
 % Moisture: 22.2
 Date Collected: 16-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 27-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070227-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.14 g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA028999

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	43	43	5	U	
11104-28-2	AROCLOR-1221	1	85	85	6.8	U	
11141-16-5	AROCLOR-1232	1	43	43	6.6	U	
53469-21-9	AROCLOR-1242	1	43	43	6.4	U	
12672-29-6	AROCLOR-1248	1	43	43	2.9	U	
11097-69-1	AROCLOR-1254	1	43	43	5.2	U	
11096-82-5	AROCLOR-1260	1	43	43	3.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	14.2		21.3	67	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	17		21.3	80	70 - 125

Data Package ID: PT0702150-1

PCBs

Method SW8082

Sample Results

Lab Name: Paragon Analytics
 Work Order Number: 0702150
 Client Name: S.M. Stoller Corp.
 ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-1
 Lab ID: 0702150-10

Sample Matrix: SOLID
 % Moisture: 56.3
 Date Collected: 17-Feb-07
 Date Extracted: 22-Feb-07
 Date Analyzed: 27-Feb-07
 Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
 QCBatchID: EX070222-4-1
 Run ID: PT070227-1
 Cleanup: SW3665
 Basis: Dry Weight

Sample Aliquot: 30.3g
 Final Volume: 10 ml
 Result Units: ug/kg
 Clean DF: 1
 File Name: EA029002

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	75	75	8.9	U	
11104-28-2	AROCLOR-1221	1	150	150	12	U	
11141-16-5	AROCLOR-1232	1	75	75	12	U	
53469-21-9	AROCLOR-1242	1	75	75	11	U	
12672-29-6	AROCLOR-1248	1	75	75	5.1	U	
11097-69-1	AROCLOR-1254	1	75	75	9.2	U	
11096-82-5	AROCLOR-1260	1	75	75	5.7	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	10.4	*	37.7	28	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	32.7		37.7	87	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-2

Lab ID: 0702150-11

Sample Matrix: SOLID

% Moisture: 60.4

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.7 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029003

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	82	82	9.6	U	
11104-28-2	AROCLOR-1221	1	160	160	13	U	
11141-16-5	AROCLOR-1232	1	82	82	13	U	
53469-21-9	AROCLOR-1242	1	82	82	12	U	
12672-29-6	AROCLOR-1248	1	82	82	5.5	U	
11097-69-1	AROCLOR-1254	1	82	82	10	U	
11096-82-5	AROCLOR-1260	1	82	82	6.2	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	11.8	*	41.1	29	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	35.1		41.1	85	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-3

Lab ID: 0702150-12

Sample Matrix: SOLID

% Moisture: 56.9

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.27 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029004

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	77	77	9	U	
11104-28-2	AROCLOR-1221	1	150	150	12	U	
11141-16-5	AROCLOR-1232	1	77	77	12	U	
53469-21-9	AROCLOR-1242	1	77	77	11	U	
12672-29-6	AROCLOR-1248	1	77	77	5.2	U	
11097-69-1	AROCLOR-1254	1	77	77	9.3	U	
11096-82-5	AROCLOR-1260	1	77	77	5.8	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	8.48	*	38.3	22	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	35.9		38.3	94	70 - 125

Data Package ID: PT0702150-1

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Method SW8082

Sample Results

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021707-4

Lab ID: 0702150-13

Sample Matrix: SOLID

% Moisture: 30.2

Date Collected: 17-Feb-07

Date Extracted: 22-Feb-07

Date Analyzed: 27-Feb-07

Prep Method: SW3540 Rev C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070227-1

Cleanup: SW3665

Basis: Dry Weight

Sample Aliquot: 30.17 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA029005

CASNO	Target Analyte	Dilution Factor	Result	Reporting Limit	MDL	Result Qualifier	EPA Qualifier
12674-11-2	AROCLOR-1016	1	48	48	5.6	U	
11104-28-2	AROCLOR-1221	1	95	95	7.6	U	
11141-16-5	AROCLOR-1232	1	48	48	7.4	U	
53469-21-9	AROCLOR-1242	1	48	48	7.1	U	
12672-29-6	AROCLOR-1248	1	48	48	3.2	U	
11097-69-1	AROCLOR-1254	1	48	48	5.8	U	
11096-82-5	AROCLOR-1260	1	48	48	3.6	U	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
2051-24-3	DECACHLOROBIPHENYL	6.79	*	23.8	29	60 - 125
877-09-8	TETRACHLORO-M-XYLENE	20.7		23.8	87	70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Lab ID: EX070222-4LCS

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/26/2007

Prep Method: SW3540C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028977

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	167	159	33.3		96	40 - 140%
11096-82-5	AROCLOR-1260	167	159	33.3		95	60 - 130%

Lab ID: EX070222-4LCSD

Sample Matrix: SOLID

% Moisture: N/A

Date Collected: N/A

Date Extracted: 02/22/2007

Date Analyzed: 02/26/2007

Prep Method: SW3540C

Prep Batch: EX070222-4

QCBatchID: EX070222-4-1

Run ID: PT070226A-1

Cleanup: SW3665

Basis: N/A

Sample Aliquot: 30 g

Final Volume: 10 ml

Result Units: ug/kg

Clean DF: 1

File Name: EA028978

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
12674-11-2	AROCLOR-1016	167	161	33.3		97	50	1
11096-82-5	AROCLOR-1260	167	158	33.3		95	50	1

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	89		86		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	16.7	96		94		70 - 125

Data Package ID: PT0702150-1

Date Printed: Monday, March 05, 2007

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Method SW8082

Matrix Spike And Matrix Spike Duplicate

Lab Name: Paragon Analytics

Work Order Number: 0702150

Client Name: S.M. Stoller Corp.

ClientProject ID: LC Well 1 4165-030

Field ID: MS7-021607-8
LabID: 0702150-8MS

Sample Matrix: SOLID
% Moisture: 22.2
Date Collected: 16-Feb-07
Date Extracted: 22-Feb-07
Date Analyzed: 27-Feb-07
Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
QCBatchID: EX070222-4-1
Run ID: PT070227-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.22 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029000

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
12674-11-2	AROCLOR-1016	43	U	155		42.5	213	73	40 - 140%
11096-82-5	AROCLOR-1260	43	U	136		42.5	213	64	60 - 130%

Field ID: MS7-021607-8
LabID: 0702150-8MSD

Sample Matrix: SOLID
% Moisture: 22.2
Date Collected: 16-Feb-07
Date Extracted: 22-Feb-07
Date Analyzed: 27-Feb-07
Prep Method: SW3540 Rev C

Prep Batch: EX070222-4
QCBatchID: EX070222-4-1
Run ID: PT070227-1
Cleanup: SW3665
Basis: Dry Weight

Sample Aliquot: 30.04 g
Final Volume: 10 ml
Result Units: ug/kg
File Name: EA029001

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
12674-11-2	AROCLOR-1016	153		214	71	42.8	50	2
11096-82-5	AROCLOR-1260	132		214	62	42.8	50	2

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
2051-24-3	DECACHLOROBIPHENYL	21.3	64		64		60 - 125
877-09-8	TETRACHLORO-M-XYLENE	21.3	80		77		70 - 125

Data Package ID: PT0702150-1

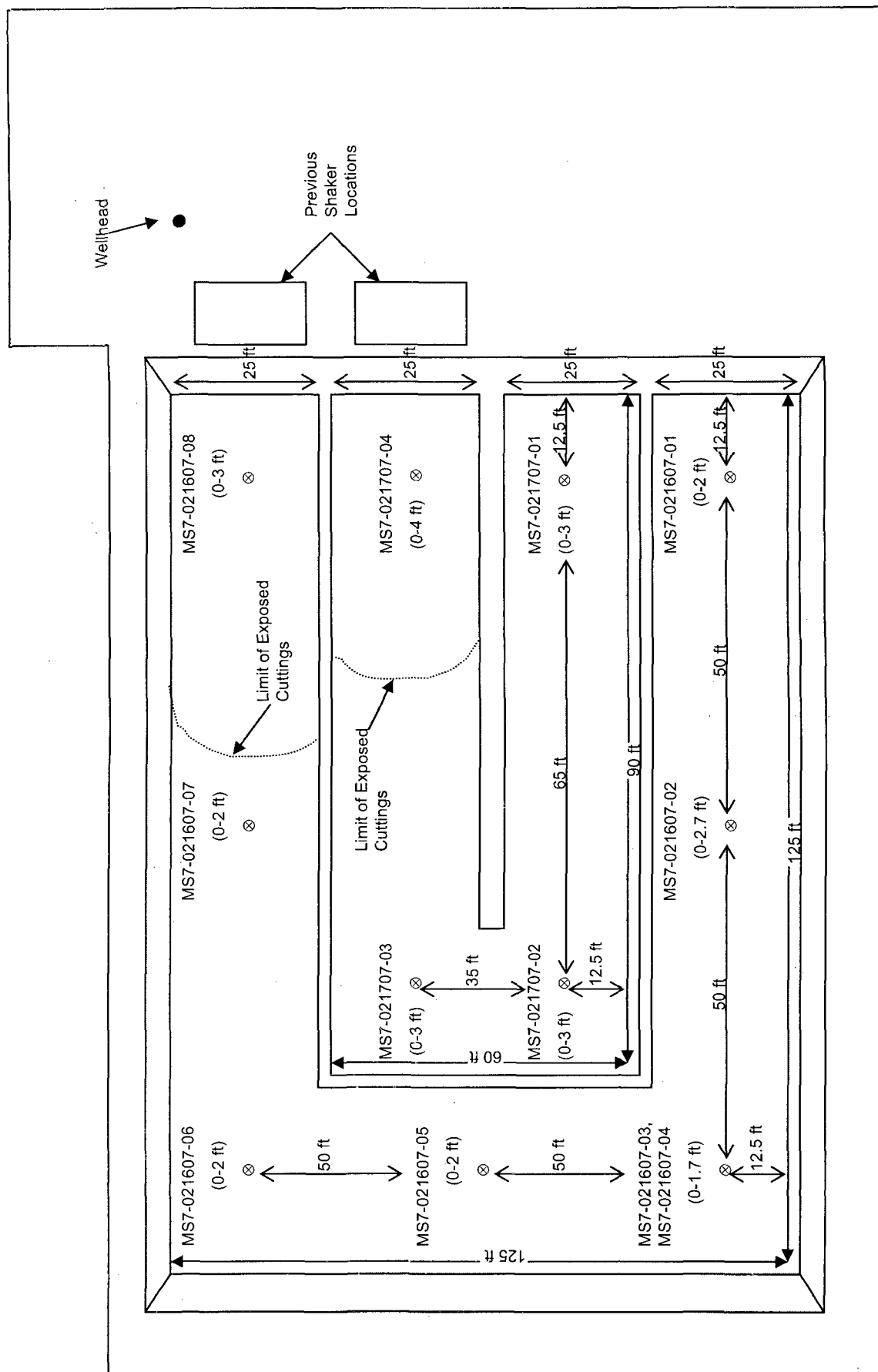
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MERLE STATE UNIT #7 SITE DIAGRAM AND SAMPLING LOCATIONS



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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-1	0702150-1	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.09	G		0.56
LC Well 1	MS7-021707-4	0702150-13	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.15	G		0.39
LC Well 1	MS7-021707-4	0702150-13	SMP	15262-20-1	Ra-228	713R9	SOLID		pCi/g	1	G		0.53
LC Well 1	MS7-021607-2	0702150-2	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.51	G		0.47
LC Well 1	MS7-021607-3	0702150-3	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.44	G		0.45
LC Well 1	MS7-021607-5	0702150-5	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.1	G		0.43
LC Well 1	MS7-021607-6	0702150-6	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.25	G		0.58
LC Well 1	MS7-021607-7	0702150-7	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.02	G		0.39
LC Well 1	MS7-021607-8	0702150-8	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.01	G		0.29
LC Well 1	MS7-021707-1	0702150-10	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.57	LT		0.26
LC Well 1	MS7-021707-2	0702150-11	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.75	LT		0.49
LC Well 1	MS7-021707-3	0702150-12	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.94	LT		0.34
LC Well 1	MS7-021607-4	0702150-4	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.99	LT		0.44
LC Well 1	MS7-021607-1	0702150-1	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	23600			
LC Well 1	MS7-021707-1	0702150-10	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	18700			
LC Well 1	MS7-021707-2	0702150-11	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22700			
LC Well 1	MS7-021707-3	0702150-12	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22400			
LC Well 1	MS7-021707-4	0702150-13	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	16570			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	21450			
LC Well 1	MS7-021607-3	0702150-3	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22700			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	20900			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	17030			
LC Well 1	MS7-021607-6	0702150-6	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	18560			
LC Well 1	MS7-021607-7	0702150-7	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	15520			
LC Well 1	MS7-021607-8	0702150-8	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	7560			
LC Well 1	MS7-021707-1	0702150-1	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	53000			
LC Well 1	MS7-021707-1	0702150-10	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	20	MG/KG	40000			
LC Well 1	MS7-021707-2	0702150-11	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021707-2	0702150-11	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	47000			
LC Well 1	MS7-021707-3	0702150-12	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	200000			
LC Well 1	MS7-021707-3	0702150-12	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	36000			
LC Well 1	MS7-021707-4	0702150-13	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	20	MG/KG	26000			
LC Well 1	MS7-021607-2	0702150-2	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	250000			
LC Well 1	MS7-021607-2	0702150-2	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	66000			
LC Well 1	MS7-021607-3	0702150-3	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021607-3	0702150-3	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	69000			
LC Well 1	MS7-021607-4	0702150-4	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	66000			
LC Well 1	MS7-021607-1	0702150-1	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	1000	MG/KG	310000			
LC Well 1	MS7-021707-1	0702150-10	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	190000			
LC Well 1	MS7-021707-4	0702150-13	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	87000			
LC Well 1	MS7-021607-4	0702150-4	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021607-5	0702150-5	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	140000			
LC Well 1	MS7-021607-5	0702150-5	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	500	MGL	48000			
LC Well 1	MS7-021607-6	0702150-6	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	170000			
LC Well 1	MS7-021607-6	0702150-6	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	500	MGL	54000			
LC Well 1	MS7-021607-7	0702150-7	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	110000			
LC Well 1	MS7-021607-8	0702150-8	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	200	MG/KG	27000			

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 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MST-021607-8	0702150-8	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	MG/KG	25000			
LC Well 1	MST-021607-7	0702150-7	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	MG/KG	38000			
LC Well 1	MST-021607-1	0702150-14	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.57	B	0.0011	
LC Well 1	MST-021607-1	0702150-14	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.0086	B	0.0057	
LC Well 1	MST-021707-1	0702150-22	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.35	B	0.0011	
LC Well 1	MST-021707-1	0702150-22	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.0073	B	0.0057	
LC Well 1	MST-021707-4	0702150-25	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.23	B	0.0011	
LC Well 1	MST-021707-4	0702150-25	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.011	B	0.0057	
LC Well 1	MST-021607-2	0702150-15	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.47	B	0.0011	
LC Well 1	MST-021607-2	0702150-15	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	0.005	B	0.0043	
LC Well 1	MST-021607-3	0702150-16	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.035	B	0.0057	
LC Well 1	MST-021607-3	0702150-16	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.46	B	0.0011	
LC Well 1	MST-021607-3	0702150-16	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.0056	B	0.0043	
LC Well 1	MST-021607-4	0702150-17	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.4	B	0.0011	
LC Well 1	MST-021607-4	0702150-17	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	0.0067	B	0.0043	
LC Well 1	MST-021607-5	0702150-18	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.036	B	0.0057	
LC Well 1	MST-021607-5	0702150-18	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.36	B	0.0011	
LC Well 1	MST-021607-5	0702150-18	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.0052	B	0.0043	
LC Well 1	MST-021607-6	0702150-19	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.36	B	0.0011	
LC Well 1	MST-021607-6	0702150-19	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	0.0054	B	0.0043	
LC Well 1	MST-021607-6	0702150-19	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.022	B	0.0057	
LC Well 1	MST-021607-7	0702150-20	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.28	B	0.0011	
LC Well 1	MST-021607-7	0702150-20	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.02	B	0.0057	
LC Well 1	MST-021607-8	0702150-21	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.25	B	0.0011	
LC Well 1	MST-021607-8	0702150-21	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.015	B	0.0057	
LC Well 1	MST-021707-2	0702150-23	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.38	B	0.0011	
LC Well 1	MST-021707-2	0702150-23	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	0.0049	B	0.0043	
LC Well 1	MST-021707-3	0702150-24	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.042	B	0.0057	
LC Well 1	MST-021707-3	0702150-24	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	0.46	B	0.0011	
LC Well 1	MST-021707-3	0702150-24	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	0.032	B	0.0057	
LC Well 1	MST-021607-1	0702150-1	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	19	B	0.029	
LC Well 1	MST-021607-1	0702150-1	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	0.13	B	0.083	
LC Well 1	MST-021707-1	0702150-10	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	0.11	B	0.068	
LC Well 1	MST-021707-2	0702150-11	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	1.6	B	1.3	
LC Well 1	MST-021707-3	0702150-12	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	0.097	B	0.079	
LC Well 1	MST-021707-4	0702150-13	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	1.9	B	1.2	
LC Well 1	MST-021707-4	0702150-13	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	0.091	B	0.071	
LC Well 1	MST-021707-5	0702150-13	SMP	7782-49-2	SELENIUM	SW6010	SOLID	1	0.074	B	0.044	
LC Well 1	MST-021607-2	0702150-2	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	0.61	B	0.49	
LC Well 1	MST-021607-2	0702150-2	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	1.4	B	1.4	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	0.12	B	0.081	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	1.9	B	1.3	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	0.18	B	0.077	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-22-4	SILVER	SW6010	SOLID	1	0.19	B	0.14	
LC Well 1	MST-021607-4	0702150-4	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	1.9	B	1.4	

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.12	B	0.08	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.14	B	0.082	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-22-4	SILVER	SW6010	SOLID	1	MG/KG	0.17	B	0.11	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.8	B	1.2	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.16	B	0.088	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.7	B	0.9	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.11	B	0.053	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.13	B	0.038	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-22-4	SILVER	SW6010	SOLID	1	MG/KG	0.074	B	0.069	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	13		0.16	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	3.9		0.11	
LC Well 1	MS7-021607-1	0702150-1	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	4400		1.6	
LC Well 1	MS7-021607-1	0702150-1	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.1		0.64	
LC Well 1	MS7-021607-1	0702150-1	SMP	7439-98-5	MANGANESE	SW6010	SOLID	1	MG/KG	72		0.036	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	290		0.77	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	2.5		1.1	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	88		0.023	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.13	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	12		0.091	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	9600		1.3	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	5.7		0.52	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-98-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.03	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.62	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	83		0.027	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.16	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	11		0.11	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	9600		1.5	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	5.5		0.61	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-98-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.035	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.73	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	80		0.024	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.14	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	12		0.095	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	10000		1.4	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	6		0.55	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-98-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.031	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.65	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	3.3		0.76	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	85		0.015	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	14		0.088	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	8.8		0.06	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	12000		0.85	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	7.4		0.34	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-98-5	MANGANESE	SW6010	SOLID	1	MG/KG	260		0.019	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	83		0.41	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	26		0.028	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	16		0.16	

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LC Well 1	MST-021607-2	0702150-2	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	6.1		0.11	
LC Well 1	MST-021607-2	0702150-2	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5500		1.5	
LC Well 1	MST-021607-2	0702150-2	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.1		0.63	
LC Well 1	MST-021607-2	0702150-2	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	96		0.035	
LC Well 1	MST-021607-2	0702150-2	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	260		0.75	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	33		0.027	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	18		0.15	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	7.3		0.1	
LC Well 1	MST-021607-3	0702150-3	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	6400		1.5	
LC Well 1	MST-021607-3	0702150-3	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.6	
LC Well 1	MST-021607-3	0702150-3	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.034	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	240		0.71	
LC Well 1	MST-021607-4	0702150-4	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	32		0.028	
LC Well 1	MST-021607-4	0702150-4	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	18		0.16	
LC Well 1	MST-021607-4	0702150-4	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	7.5		0.11	
LC Well 1	MST-021607-4	0702150-4	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.62	
LC Well 1	MST-021607-4	0702150-4	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.035	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	240		0.74	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	2.1		1.1	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	29		0.021	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	16		0.12	
LC Well 1	MST-021607-5	0702150-5	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	7.1		0.083	
LC Well 1	MST-021607-5	0702150-5	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	5800		1.2	
LC Well 1	MST-021607-5	0702150-5	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	2.5		0.48	
LC Well 1	MST-021607-5	0702150-5	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	100		0.027	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	190		0.57	
LC Well 1	MST-021607-6	0702150-6	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	28		0.023	
LC Well 1	MST-021607-6	0702150-6	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	17		0.13	
LC Well 1	MST-021607-6	0702150-6	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	5.8		0.091	
LC Well 1	MST-021607-6	0702150-6	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5600		1.3	
LC Well 1	MST-021607-6	0702150-6	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.53	
LC Well 1	MST-021607-6	0702150-6	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.03	
LC Well 1	MST-021607-6	0702150-6	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	250		0.63	
LC Well 1	MST-021607-7	0702150-7	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	45		0.018	
LC Well 1	MST-021607-7	0702150-7	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	13		0.1	
LC Well 1	MST-021607-7	0702150-7	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	6.4		0.071	
LC Well 1	MST-021607-7	0702150-7	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5800		1	
LC Well 1	MST-021607-7	0702150-7	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.4		0.41	
LC Well 1	MST-021607-7	0702150-7	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.023	
LC Well 1	MST-021607-7	0702150-7	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	110		0.49	
LC Well 1	MST-021607-8	0702150-8	SMP	7440-39-3	BARIUM	SW6010	SOLID	1	MG/KG	2.2		0.85	
LC Well 1	MST-021607-8	0702150-8	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	29		0.013	
LC Well 1	MST-021607-8	0702150-8	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	14		0.076	
LC Well 1	MST-021607-8	0702150-8	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	4.6		0.051	
LC Well 1	MST-021607-8	0702150-8	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	9000		0.74	
LC Well 1	MST-021607-8	0702150-8	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	2.8		0.3	

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 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/Proj Name	FieldID	LabID	QCType	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-8	0702150-8	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	170		0.017	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	150		0.35	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	460		0.71	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	560		0.58	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	590		0.68	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	650		0.6	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	720		0.38	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	560		0.69	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	680		0.66	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	670		0.69	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	780		0.53	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	870		0.58	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	960		0.45	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	930		0.33	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.018	B	0.0018	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.015	B	0.002	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.017	B	0.0019	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.0053	B	0.0012	
LC Well 1	MS7-021607-7	0702150-7	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.0018	B	0.0014	
LC Well 1	MS7-021707-1	0702150-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	1700	G	9.1	
LC Well 1	MS7-021707-2	0702150-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	1600	G	9.9	
LC Well 1	MS7-021707-3	0702150-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	2100	G	9.2	
LC Well 1	MS7-021707-4	0702150-13	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	1000	MG/KG	2500	G	11	
LC Well 1	MS7-021607-1	0702150-1	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	440	G.H	2.3	
LC Well 1	MS7-021607-2	0702150-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	400	G.H	2.1	
LC Well 1	MS7-021607-3	0702150-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	300	G.H	2	
LC Well 1	MS7-021607-4	0702150-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	310	G.H	2.1	
LC Well 1	MS7-021607-5	0702150-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	450	G.H	1.7	
LC Well 1	MS7-021607-6	0702150-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	380	G.H	1.8	
LC Well 1	MS7-021607-7	0702150-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	340	G.H	1.4	
LC Well 1	MS7-021607-8	0702150-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	250	G.H	1	
LC Well 1	MS7-021707-1	0702150-10	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	12000	C	100	
LC Well 1	MS7-021707-2	0702150-11	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	11000	C	110	
LC Well 1	MS7-021707-3	0702150-12	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	19000	C	100	
LC Well 1	MS7-021707-4	0702150-13	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	9100	C	62	
LC Well 1	MS7-021607-1	0702150-1	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	10	MG/KG	26000	D	82	
LC Well 1	MS7-021607-2	0702150-2	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	18000	D.H	120	
LC Well 1	MS7-021607-3	0702150-3	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	17000	D.H	110	
LC Well 1	MS7-021607-4	0702150-4	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	16000	D.H	110	
LC Well 1	MS7-021607-5	0702150-5	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	14000	D.H	93	
LC Well 1	MS7-021607-6	0702150-6	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	19000	D.H	97	
LC Well 1	MS7-021607-7	0702150-7	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	12000	D.H	75	
LC Well 1	MS7-021607-8	0702150-8	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	4600	D.H	56	
LC Well 1	MS7-021607-1	0702150-1	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	4300	B	940	
LC Well 1	MS7-021607-5	0702150-5	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	2400	B	710	
LC Well 1	MS7-021607-8	0702150-8	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	2300	B	430	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	23000	E	240	

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Client/ProjName	FieldID	LabID	QCType	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-2	0702150-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	20000	E	220	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	17000	E	180	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	15000	E	150	
LC Well 1	MS7-021607-3	0702150-3	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	440	J	220	
LC Well 1	MS7-021607-1	0702150-1	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1000	J	470	
LC Well 1	MS7-021607-2	0702150-2	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	100	UG/KG	930	J	440	
LC Well 1	MS7-021607-2	0702150-2	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1100	J	440	
LC Well 1	MS7-021707-1	0702150-10	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	8700	J	3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	4700	J	3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	9000	J	3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	8900	J	3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	5500	J	4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	4400	J	4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	9100	J	4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	8000	J	4200	
LC Well 1	MS7-021707-3	0702150-12	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	9000	J	3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	6100	J	3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	6500	J	2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	5000	J	2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	1000	UG/KG	4800	J	2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	1000	UG/KG	4200	J	2400	
LC Well 1	MS7-021607-2	0702150-2	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1000	J,B	880	
LC Well 1	MS7-021607-3	0702150-3	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1700	J,B	880	
LC Well 1	MS7-021607-4	0702150-4	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1600	J,B	880	
LC Well 1	MS7-021607-7	0702150-7	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1300	J,B	580	
LC Well 1	MS7-021607-1	0702150-1	SMP	67-64-1	ACETONE	SW8260	SOLID	100	UG/KG	5700	J,B	1900	
LC Well 1	MS7-021607-2	0702150-2	SMP	67-64-1	ACETONE	SW8260	SOLID	100	UG/KG	3700	J,B	1800	
LC Well 1	MS7-021607-6	0702150-6	SMP	67-64-1	ACETONE	SW8260	SOLID	100	UG/KG	2200	J,B	1500	
LC Well 1	MS7-021607-1	0702150-14	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.043		0.0083	
LC Well 1	MS7-021607-2	0702150-15	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MGL	3.8		0.083	
LC Well 1	MS7-021607-3	0702150-16	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.051		0.0083	
LC Well 1	MS7-021607-4	0702150-17	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.051		0.0083	
LC Well 1	MS7-021607-5	0702150-18	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.14		0.0083	
LC Well 1	MS7-021607-6	0702150-19	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.063		0.0083	
LC Well 1	MS7-021607-7	0702150-20	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.061		0.0083	
LC Well 1	MS7-021607-8	0702150-21	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MGL	0.082		0.0083	
LC Well 1	MS7-021707-1	0702150-22	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MGL	4		0.083	
LC Well 1	MS7-021707-2	0702150-23	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MGL	3.8		0.083	
LC Well 1	MS7-021707-3	0702150-24	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MGL	4.6		0.083	
LC Well 1	MS7-021707-4	0702150-25	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MGL	1.7		0.083	
LC Well 1	MS7-021607-1	0702150-1	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	980		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3600		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1100		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	19000		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	4500		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	26000		240	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	11000		240	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MST-021607-1	0702150-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	4500		240	
LC Well 1	MST-021607-1	0702150-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	8500		240	
LC Well 1	MST-021607-1	0702150-1	SMP	99-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	13000		240	
LC Well 1	MST-021607-1	0702150-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1900		240	
LC Well 1	MST-021607-1	0702150-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	7700		240	
LC Well 1	MST-021607-1	0702150-1	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	15000		240	
LC Well 1	MST-021607-2	0702150-2	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	720		220	
LC Well 1	MST-021607-2	0702150-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3500		220	
LC Well 1	MST-021607-2	0702150-2	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1100		220	
LC Well 1	MST-021607-2	0702150-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	14000		220	
LC Well 1	MST-021607-2	0702150-2	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	4000		220	
LC Well 1	MST-021607-2	0702150-2	SMP	136777-81-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	21000		220	
LC Well 1	MST-021607-2	0702150-2	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	9800		220	
LC Well 1	MST-021607-2	0702150-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	4100		220	
LC Well 1	MST-021607-2	0702150-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	7000		220	
LC Well 1	MST-021607-2	0702150-2	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	11000		220	
LC Well 1	MST-021607-2	0702150-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1900		220	
LC Well 1	MST-021607-2	0702150-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	6700		220	
LC Well 1	MST-021607-2	0702150-2	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	11000		220	
LC Well 1	MST-021607-3	0702150-3	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	18000		220	
LC Well 1	MST-021607-3	0702150-3	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MST-021607-3	0702150-3	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1100		220	
LC Well 1	MST-021607-3	0702150-3	SMP	98-82-8	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	13000		220	
LC Well 1	MST-021607-3	0702150-3	SMP	136777-81-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	3600		220	
LC Well 1	MST-021607-3	0702150-3	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	19000		220	
LC Well 1	MST-021607-3	0702150-3	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	8800		220	
LC Well 1	MST-021607-3	0702150-3	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	3600		220	
LC Well 1	MST-021607-3	0702150-3	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	6200		220	
LC Well 1	MST-021607-3	0702150-3	SMP	135-98-8	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	9700		220	
LC Well 1	MST-021607-3	0702150-3	SMP	108-88-3	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	1700		220	
LC Well 1	MST-021607-3	0702150-3	SMP	96-18-4	TOLUENE	SW8260	SOLID	50	UG/KG	6000		220	
LC Well 1	MST-021607-4	0702150-4	SMP	95-63-6	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	9800		220	
LC Well 1	MST-021607-4	0702150-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	16000		220	
LC Well 1	MST-021607-4	0702150-4	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	2700		220	
LC Well 1	MST-021607-4	0702150-4	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		220	
LC Well 1	MST-021607-4	0702150-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MST-021607-4	0702150-4	SMP	136777-81-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	17000		220	
LC Well 1	MST-021607-4	0702150-4	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8700		220	
LC Well 1	MST-021607-4	0702150-4	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MST-021607-4	0702150-4	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	5600		220	
LC Well 1	MST-021607-4	0702150-4	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8600		220	
LC Well 1	MST-021607-4	0702150-4	SMP	95-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1500		220	
LC Well 1	MST-021607-4	0702150-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5200		220	
LC Well 1	MST-021607-4	0702150-4	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	9200		220	
LC Well 1	MST-021607-5	0702150-5	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	870		180	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-5	0702150-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3100		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	2900		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3100		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	3700		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	5900		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5500		180	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	14000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	670		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3200		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1800		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3200		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8400		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	3400		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8600		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5700		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	10000		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	1100		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3000		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1300		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	8300		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	2300		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	11000		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	6600		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	3600		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	4900		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	5400		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1500		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5600		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	7100		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	6100		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	1200		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	3800		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	930		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	5600		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	50	UG/KG	2800		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	1800		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	50	UG/KG			110	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-8	0702150-8	SMP	103-95-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	2100		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	2200		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	780		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	2300		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	5100		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	18000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	3000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	17000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	3900		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	100	UG/KG	23000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	13000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	3400		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	6200		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	13000		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1500		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	5700		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	14000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	17000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	2800		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	13000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	100	UG/KG	3400		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	19000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	11000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	3300		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	5600		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	9800		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	1500		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	5400		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	100	UG/KG	10000		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	1300		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	15000		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	3600		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	2900		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	2900		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	100	UG/KG	17000		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	7900		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	3300		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	5200		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	8000		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1400		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	4900		350	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	14000		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	14000		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	2300		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1600		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	12000		370	

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LC Well 1	MS7-021607-6	0702150-6	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	3000		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	136777-61-2	NAPHTHALENE	SW8260	SOLID	100	UG/KG	16000		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	8400		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	2900		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	5000		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	8000		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1300		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	4800		370	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	9900		370	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	14000		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	2300		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1300		280	
LC Well 1	MS7-021607-7	0702150-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	8900		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	2600		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	100	UG/KG	12000		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	6100		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	104-51-8	N-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	3400		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	4800		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	5800		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1500		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	5300		290	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	7400		290	
LC Well 1	MS7-021707-1	0702150-10	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	17000		3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	86000		3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	51000		3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	1000	UG/KG	73000		3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	26000		3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	200000		3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	16000		4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	76000		4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	45000		4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	1000	UG/KG	66000		4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	23000		4200	
LC Well 1	MS7-021707-2	0702150-11	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	180000		4200	
LC Well 1	MS7-021707-3	0702150-12	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	22000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	140000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	67000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	1000	UG/KG	98000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	13000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	12000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	36000		3900	
LC Well 1	MS7-021707-3	0702150-12	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	280000		3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	20000		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	40000		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	36000		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	136777-61-2	M-P-XYLENE	SW8260	SOLID	1000	UG/KG	56000		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	7600		2400	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits.
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021707-4	0702150-13	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	8100		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	19000		2400	
LC Well 1	MS7-021707-4	0702150-13	SMP	108-88-3	TOUENE	SW8260	SOLID	1000	UG/KG	110000		2400	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	1200	J	220	
LC Well 1	MS7-021607-7	0702150-7	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	15000		270	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	14000		300	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	3800		310	
LC Well 1	MS7-021607-8	0702150-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	3300		200	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	5800		220	
LC Well 1	MS7-021607-1	0702150-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	56000		2500	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	98000		2700	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	3	UG/KG	27000		2800	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	28000		710	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	42000		780	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	16000		800	
LC Well 1	MS7-021707-2	0702150-11	SMP	108-95-2	PHENOL	SW8270	SOLID	1	UG/KG	5800		1400	
LC Well 1	MS7-021707-2	0702150-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	27000		760	
LC Well 1	MS7-021707-3	0702150-12	SMP	90-12-0	NAPHTHALENE	SW8270	SOLID	1	UG/KG	39000		830	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	15000		850	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	37000		1400	
LC Well 1	MS7-021707-4	0702150-13	SMP	90-12-0	NAPHTHALENE	SW8270	SOLID	2	UG/KG	54000		1500	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	20000		1500	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	20000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	90-12-0	NAPHTHALENE	SW8270	SOLID	1	UG/KG	6000		500	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	51000		800	
LC Well 1	MS7-021607-3	0702150-3	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	2	UG/KG	40000		880	
LC Well 1	MS7-021607-3	0702150-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	13000		900	
LC Well 1	MS7-021607-3	0702150-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	28000		1200	
LC Well 1	MS7-021607-4	0702150-4	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	3	UG/KG	13000		1400	
LC Well 1	MS7-021607-4	0702150-4	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	41000		820	
LC Well 1	MS7-021607-4	0702150-4	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	40000		900	
LC Well 1	MS7-021607-5	0702150-5	SMP	90-12-0	NAPHTHALENE	SW8270	SOLID	2	UG/KG	12000		920	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	35000		660	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	34000		720	
LC Well 1	MS7-021607-6	0702150-6	SMP	90-12-0	NAPHTHALENE	SW8270	SOLID	2	UG/KG	9700		740	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-57-6	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	27000		680	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	42000		750	
LC Well 1	MS7-021607-7	0702150-7	SMP	57-12-5	CYANIDE, TOTAL	SW9014	SOLID	1	MG/KG	11000		770	
LC Well 1	MS7-021607-1	0702150-1	SMP	10-29-7	PH	SW9045	SOLID	1	PH	1.6			
LC Well 1	MS7-021707-1	0702150-10	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.24			
LC Well 1	MS7-021707-2	0702150-11	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.72			
LC Well 1	MS7-021707-3	0702150-12	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.76			
LC Well 1	MS7-021707-4	0702150-13	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.14			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-29-7	PH	SW9045	SOLID	1	PH	11.37			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.14			

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ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-3	0702150-3	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.28			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.24			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.18			
LC Well 1	MS7-021607-6	0702150-6	SMP	10-29-7	PH	SW9045	SOLID	1	PH	10.51			
LC Well 1	MS7-021607-7	0702150-7	SMP	10-29-7	PH	SW9045	SOLID	1	PH	10.97			
LC Well 1	MS7-021607-8	0702150-8	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.81			
LC Well 1	MS7-021607-1	0702150-1	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	15000			
LC Well 1	MS7-021707-1	0702150-10	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	9500			
LC Well 1	MS7-021707-2	0702150-11	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	5600			
LC Well 1	MS7-021707-3	0702150-12	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	6900			
LC Well 1	MS7-021707-4	0702150-13	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	4700			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	7000			
LC Well 1	MS7-021607-3	0702150-3	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	6400			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	5600			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	9500			
LC Well 1	MS7-021607-6	0702150-6	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	10000			
LC Well 1	MS7-021607-7	0702150-7	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	2500			
LC Well 1	MS7-021607-8	0702150-8	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	2400			

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium

^cReporting Limit

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

pCi/g = Picocuries per gram

ug/kg = Micrograms per Kilogram

umhos/cm = Micromhos per centimeter

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

E = Compounds whose concentration exceeds the upper limit of the calibration range.

J = Estimated value.

U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO

D = A pattern resembling diesel was detected in sample.

G = A pattern resembling gasoline was detected in sample.

H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions

B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or

equal to the Method Detection Limit.

U = Analyte was analyzed for but not detected.

Qualifiers for Radium

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

U = Result is less than the sample specific MDC.

LT = Result is less than the requested MDC and greater than the sample specific MDC

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Client/ProName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnaIDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-3	0702150-3	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	440	J	220	
LC Well 1	MS7-021607-2	0702150-2	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	100	UG/KG	930	J	440	
LC Well 1	MS7-021607-1	0702150-1	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	980		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	720		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	830		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	870		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	670		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	50	UG/KG	1100		150	
LC Well 1	MS7-021607-5	0702150-5	SMP	96-18-4	1,2,3-TRICHLOROPROPANE	SW8260	SOLID	100	UG/KG	1300		350	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	23000	E	240	
LC Well 1	MS7-021607-2	0702150-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	20000	E	220	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	17000	E	180	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	15000	E	150	
LC Well 1	MS7-021607-3	0702150-3	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	18000		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	16000		220	
LC Well 1	MS7-021607-8	0702150-8	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	6100		110	
LC Well 1	MS7-021607-2	0702150-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	18000		470	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	17000		440	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	15000		350	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	14000		370	
LC Well 1	MS7-021707-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	14000		290	
LC Well 1	MS7-021707-2	0702150-2	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	17000		3800	
LC Well 1	MS7-021707-3	0702150-3	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	16000		4200	
LC Well 1	MS7-021707-4	0702150-4	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	22000		3900	
LC Well 1	MS7-021707-1	0702150-1	SMP	95-63-6	1,2,4-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	20000		2400	
LC Well 1	MS7-021707-2	0702150-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	6700	J	3800	
LC Well 1	MS7-021707-3	0702150-3	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	5500	J	4200	
LC Well 1	MS7-021707-4	0702150-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	9000	J	3900	
LC Well 1	MS7-021707-1	0702150-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	1000	UG/KG	6500	J	2400	
LC Well 1	MS7-021707-2	0702150-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3600		240	
LC Well 1	MS7-021707-3	0702150-3	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3500		220	
LC Well 1	MS7-021707-4	0702150-4	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	2700		220	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3100		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3200		180	
LC Well 1	MS7-021607-8	0702150-8	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	3000		150	
LC Well 1	MS7-021607-1	0702150-1	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	50	UG/KG	1200		110	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	3000		470	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	2800		440	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	3600		350	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	2300		370	
LC Well 1	MS7-021607-8	0702150-8	SMP	108-67-8	1,3,5-TRIMETHYLBENZENE	SW8260	SOLID	100	UG/KG	2300		290	
LC Well 1	MS7-021607-1	0702150-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	15000		270	
LC Well 1	MS7-021607-8	0702150-8	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	3300		200	
LC Well 1	MS7-021607-1	0702150-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	56000		2500	
LC Well 1	MS7-021707-1	0702150-1	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	28000		710	

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LC Well 1	MS7-021707-2	0702150-11	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	27000		760	
LC Well 1	MS7-021707-3	0702150-12	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	37000		1400	
LC Well 1	MS7-021707-4	0702150-13	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	12000		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	51000		800	
LC Well 1	MS7-021607-3	0702150-3	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	28000		1200	
LC Well 1	MS7-021607-4	0702150-4	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	41000		820	
LC Well 1	MS7-021607-5	0702150-5	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	35000		660	
LC Well 1	MS7-021607-6	0702150-6	SMP	90-12-0	1-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	27000		680	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	14000		300	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	5800		220	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	98000		2700	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	42000		780	
LC Well 1	MS7-021707-2	0702150-11	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	39000		830	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	54000		1500	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	20000		490	
LC Well 1	MS7-021707-5	0702150-14	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	40000		880	
LC Well 1	MS7-021607-3	0702150-3	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	3	UG/KG	49000		1300	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	40000		900	
LC Well 1	MS7-021607-4	0702150-4	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	2	UG/KG	34000		720	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-57-6	2-METHYLNAPHTHALENE	SW8270	SOLID	1	UG/KG	42000		750	
LC Well 1	MS7-021607-6	0702150-6	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	4300	B	940	
LC Well 1	MS7-021607-7	0702150-7	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	2400	B	710	
LC Well 1	MS7-021607-8	0702150-8	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	2300	B	430	
LC Well 1	MS7-021607-3	0702150-3	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1000	J.B	880	
LC Well 1	MS7-021607-4	0702150-4	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1700	J.B	870	
LC Well 1	MS7-021607-7	0702150-7	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1600	J.B	880	
LC Well 1	MS7-021607-1	0702150-1	SMP	67-64-1	ACETONE	SW8260	SOLID	50	UG/KG	1300	J.B	580	
LC Well 1	MS7-021607-2	0702150-2	SMP	67-64-1	ACETONE	SW8260	SOLID	100	UG/KG	5700	J.B	1900	
LC Well 1	MS7-021607-6	0702150-6	SMP	67-64-1	ACETONE	SW8260	SOLID	100	UG/KG	3700	J.B	1800	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	2200	J.B	1500	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.6	B	1.3	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.9	B	1.2	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.4	B	1.4	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.9	B	1.3	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.9	B	1.4	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.8	B	1.2	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	1.7	B	0.9	
LC Well 1	MS7-021607-4	0702150-13	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	2.5		1.1	
LC Well 1	MS7-021607-5	0702150-14	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	3.3		0.76	
LC Well 1	MS7-021607-8	0702150-15	SMP	7440-38-2	ARSENIC	SW6010	SOLID	1	MG/KG	2.1		1.1	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	2.2		0.85	
LC Well 1	MS7-021707-1	0702150-22	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.57	B	0.0011	
LC Well 1	MS7-021707-4	0702150-25	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.35	B	0.0011	
LC Well 1	MS7-021607-2	0702150-15	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.23	B	0.0011	
LC Well 1	MS7-021607-3	0702150-16	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.47	B	0.0011	
LC Well 1	MS7-021607-4	0702150-17	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.46	B	0.0011	
LC Well 1	MS7-021607-5	0702150-18	SMP	7440-39-3	BARIUM	SW6010	LEACHATE	1	MG/L	0.4	B	0.0011	

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LC Well 1	MS7-021607-5	0702150-18	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.36	B	0.0011	
LC Well 1	MS7-021607-6	0702150-19	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.36	B	0.0011	
LC Well 1	MS7-021607-7	0702150-20	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.28	B	0.0011	
LC Well 1	MS7-021607-8	0702150-21	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.25	B	0.0011	
LC Well 1	MS7-021707-2	0702150-23	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.38	B	0.0011	
LC Well 1	MS7-021707-3	0702150-24	SMP	7440-39-3	BARUM	SW6010	LEACHATE	1	MG/L	0.46	B	0.0011	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	19	B	0.029	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	88	B	0.023	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	83	B	0.027	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	80	B	0.024	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	85	B	0.015	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	26	B	0.028	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	33	B	0.027	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	32	B	0.028	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	29	B	0.021	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	28	B	0.023	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	45	B	0.018	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-39-3	BARUM	SW6010	SOLID	1	MG/KG	29	B	0.013	
LC Well 1	MS7-021607-1	0702150-1	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1000	J	470	
LC Well 1	MS7-021607-2	0702150-2	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1100	J	440	
LC Well 1	MS7-021607-3	0702150-3	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.043	B	0.083	
LC Well 1	MS7-021607-4	0702150-4	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MG/L	3.8	B	0.083	
LC Well 1	MS7-021607-5	0702150-5	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.051	B	0.083	
LC Well 1	MS7-021607-6	0702150-6	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.051	B	0.083	
LC Well 1	MS7-021607-7	0702150-7	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.14	B	0.083	
LC Well 1	MS7-021607-8	0702150-8	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.061	B	0.083	
LC Well 1	MS7-021707-1	0702150-21	SMP	71-43-2	BENZENE	SW8260	LEACHATE	5	MG/L	0.082	B	0.083	
LC Well 1	MS7-021707-2	0702150-22	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MG/L	4	B	0.083	
LC Well 1	MS7-021707-3	0702150-23	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MG/L	3.8	B	0.083	
LC Well 1	MS7-021707-4	0702150-24	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MG/L	4.6	B	0.083	
LC Well 1	MS7-021607-1	0702150-25	SMP	71-43-2	BENZENE	SW8260	LEACHATE	50	MG/L	1.7	B	0.083	
LC Well 1	MS7-021607-2	0702150-2	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1100	B	220	
LC Well 1	MS7-021607-3	0702150-3	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1100	B	220	
LC Well 1	MS7-021607-4	0702150-4	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1000	B	220	
LC Well 1	MS7-021607-5	0702150-5	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1000	B	220	
LC Well 1	MS7-021607-6	0702150-6	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	2900	B	180	
LC Well 1	MS7-021607-7	0702150-7	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1800	B	180	
LC Well 1	MS7-021607-8	0702150-8	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1300	B	150	
LC Well 1	MS7-021607-5	0702150-5	SMP	71-43-2	BENZENE	SW8260	SOLID	50	UG/KG	1200	B	110	
LC Well 1	MS7-021607-6	0702150-6	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	2900	B	350	
LC Well 1	MS7-021607-7	0702150-7	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	1600	B	370	
LC Well 1	MS7-021607-8	0702150-8	SMP	71-43-2	BENZENE	SW8260	SOLID	100	UG/KG	290	B	3800	
LC Well 1	MS7-021707-1	0702150-10	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	86000	B	3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	76000	B	4200	
LC Well 1	MS7-021707-3	0702150-12	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	140000	B	3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	71-43-2	BENZENE	SW8260	SOLID	1000	UG/KG	40000	B	2400	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IntTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-2	0702150-15	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.005	B	0.0043	
LC Well 1	MS7-021607-3	0702150-16	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0056	B	0.0043	
LC Well 1	MS7-021607-4	0702150-17	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0087	B	0.0043	
LC Well 1	MS7-021607-5	0702150-18	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0052	B	0.0043	
LC Well 1	MS7-021607-6	0702150-19	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0054	B	0.0043	
LC Well 1	MS7-021607-7	0702150-20	SMP	7440-43-9	CADMIUM	SW6010	LEACHATE	1	MG/L	0.0049	B	0.0043	
LC Well 1	MS7-021607-8	0702150-21	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.13	B	0.083	
LC Well 1	MS7-021607-9	0702150-22	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.11	B	0.068	
LC Well 1	MS7-021607-10	0702150-23	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.097	B	0.079	
LC Well 1	MS7-021607-11	0702150-24	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.091	B	0.071	
LC Well 1	MS7-021607-12	0702150-25	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.074	B	0.044	
LC Well 1	MS7-021607-13	0702150-26	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.12	B	0.081	
LC Well 1	MS7-021607-14	0702150-27	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.18	B	0.077	
LC Well 1	MS7-021607-15	0702150-28	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.12	B	0.08	
LC Well 1	MS7-021607-16	0702150-29	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.14	B	0.062	
LC Well 1	MS7-021607-17	0702150-30	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.16	B	0.068	
LC Well 1	MS7-021607-18	0702150-31	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.11	B	0.053	
LC Well 1	MS7-021607-19	0702150-32	SMP	7440-43-9	CADMIUM	SW6010	SOLID	1	MG/KG	0.13	B	0.038	
LC Well 1	MS7-021607-20	0702150-33	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021607-21	0702150-34	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	200000			
LC Well 1	MS7-021607-22	0702150-35	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	250000			
LC Well 1	MS7-021607-23	0702150-36	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021607-24	0702150-37	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	1000	MG/KG	310000			
LC Well 1	MS7-021607-25	0702150-38	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	190000			
LC Well 1	MS7-021607-26	0702150-39	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	87000			
LC Well 1	MS7-021607-27	0702150-40	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	220000			
LC Well 1	MS7-021607-28	0702150-41	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	140000			
LC Well 1	MS7-021607-29	0702150-42	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	170000			
LC Well 1	MS7-021607-30	0702150-43	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	500	MG/KG	110000			
LC Well 1	MS7-021607-31	0702150-44	SMP	16887-00-6	CHLORIDE	EPA300.0	SOLID	200	MG/KG	27000			
LC Well 1	MS7-021607-32	0702150-45	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0086	B	0.0057	
LC Well 1	MS7-021607-33	0702150-46	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.0073	B	0.0057	
LC Well 1	MS7-021607-34	0702150-47	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.011	B	0.0057	
LC Well 1	MS7-021607-35	0702150-48	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.035	B	0.0057	
LC Well 1	MS7-021607-36	0702150-49	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.034	B	0.0057	
LC Well 1	MS7-021607-37	0702150-50	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.036	B	0.0057	
LC Well 1	MS7-021607-38	0702150-51	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.028	B	0.0057	
LC Well 1	MS7-021607-39	0702150-52	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.022	B	0.0057	
LC Well 1	MS7-021607-40	0702150-53	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.02	B	0.0057	
LC Well 1	MS7-021607-41	0702150-54	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.015	B	0.0057	
LC Well 1	MS7-021607-42	0702150-55	SMP	7440-47-3	CHROMIUM	SW6010	LEACHATE	1	MG/L	0.042	B	0.0057	
LC Well 1	MS7-021607-43	0702150-56	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/L	0.032	B	0.0057	
LC Well 1	MS7-021607-44	0702150-57	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	13		0.16	
LC Well 1	MS7-021607-45	0702150-58	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.13	
LC Well 1	MS7-021607-46	0702150-59	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.16	
LC Well 1	MS7-021607-47	0702150-60	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	15		0.14	
LC Well 1	MS7-021607-48	0702150-61	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	14		0.088	

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 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/ProjName	FieldID	LabID	QCType	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	16		0.16	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	18		0.15	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	18		0.16	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	16		0.12	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	17		0.13	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	13		0.1	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-47-3	CHROMIUM	SW6010	SOLID	1	MG/KG	14		0.076	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	3.9		0.11	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	12		0.091	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	11		0.11	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	12		0.095	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	8.8		0.06	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	6.1		0.11	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	7.3		0.1	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	7.5		0.11	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	7.1		0.083	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	5.8		0.091	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	6.4		0.071	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-50-8	COPPER	SW6010	SOLID	1	MG/KG	4.6		0.051	
LC Well 1	MS7-021607-1	0702150-1	SMP	57-12-5	CYANIDE, TOTAL	SW9014	SOLID	1	MG/KG	1.6			
LC Well 1	MS7-021707-1	0702150-10	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	12000	C	100	
LC Well 1	MS7-021707-2	0702150-11	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	11000	C	110	
LC Well 1	MS7-021707-3	0702150-12	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	19000	C	100	
LC Well 1	MS7-021707-4	0702150-13	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	9100	C	62	
LC Well 1	MS7-021607-1	0702150-1	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	10	MG/KG	28000	D	62	
LC Well 1	MS7-021607-2	0702150-2	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	18000	D.H	120	
LC Well 1	MS7-021607-3	0702150-3	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	17000	D.H	110	
LC Well 1	MS7-021607-4	0702150-4	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	16000	D.H	110	
LC Well 1	MS7-021607-5	0702150-5	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	14000	D.H	93	
LC Well 1	MS7-021607-6	0702150-6	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	19000	D.H	97	
LC Well 1	MS7-021607-7	0702150-7	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	12000	D.H	75	
LC Well 1	MS7-021607-8	0702150-8	SMP	68334-30-5	Diesel Range Organics	SW8015M	SOLID	20	MG/KG	4600	D.H	56	
LC Well 1	MS7-021607-1	0702150-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	19000		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	14000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	13000		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	12000		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	50	UG/KG	8300		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	17000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	13000		440	
LC Well 1	MS7-021607-3	0702150-3	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	12000		350	
LC Well 1	MS7-021607-4	0702150-4	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	12000		370	
LC Well 1	MS7-021607-5	0702150-5	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	100	UG/KG	8900		290	
LC Well 1	MS7-021607-6	0702150-6	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	51000		3800	
LC Well 1	MS7-021607-7	0702150-7	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	45000		4200	
LC Well 1	MS7-021707-1	0702150-10	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG				
LC Well 1	MS7-021707-2	0702150-11	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG				

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021707-3	0702150-12	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	67000		3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	100-41-4	ETHYLBENZENE	SW8260	SOLID	1000	UG/KG	36000		2400	
LC Well 1	MS7-021707-1	0702150-10	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	1700	G	9.1	
LC Well 1	MS7-021707-2	0702150-11	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	1600	G	9.9	
LC Well 1	MS7-021707-3	0702150-12	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	500	MG/KG	2100	G	9.2	
LC Well 1	MS7-021707-4	0702150-13	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	1000	MG/KG	2500	G	11	
LC Well 1	MS7-021607-1	0702150-1	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	440	G,H	2.3	
LC Well 1	MS7-021607-2	0702150-2	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	400	G,H	2.1	
LC Well 1	MS7-021607-3	0702150-3	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	300	G,H	2	
LC Well 1	MS7-021607-4	0702150-4	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	310	G,H	2.1	
LC Well 1	MS7-021607-5	0702150-5	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	450	G,H	1.7	
LC Well 1	MS7-021607-6	0702150-6	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	380	G,H	1.8	
LC Well 1	MS7-021607-7	0702150-7	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	340	G,H	1.4	
LC Well 1	MS7-021607-8	0702150-8	SMP	8006-61-9	GASOLINE RANGE ORGANICS	SW8015	SOLID	100	MG/KG	250	G,H	1	
LC Well 1	MS7-021607-1	0702150-1	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	4400		1.6	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	9600		1.3	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	9600		1.5	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	10000		1.4	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	12000		0.85	
LC Well 1	MS7-021607-2	0702150-2	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5500		1.5	
LC Well 1	MS7-021607-3	0702150-3	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	6400		1.5	
LC Well 1	MS7-021607-4	0702150-4	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5800		1.2	
LC Well 1	MS7-021607-5	0702150-5	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5800		1.3	
LC Well 1	MS7-021607-6	0702150-6	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	5800		1	
LC Well 1	MS7-021607-7	0702150-7	SMP	7439-89-6	IRON	SW6010	SOLID	1	MG/KG	9000		0.74	
LC Well 1	MS7-021707-1	0702150-10	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	4700	J	3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	4400	J	4200	
LC Well 1	MS7-021707-3	0702150-12	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	6100	J	3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1000	UG/KG	5000	J	2400	
LC Well 1	MS7-021607-1	0702150-1	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	4500		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	4000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3600		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3200		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	3200		150	
LC Well 1	MS7-021607-7	0702150-7	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	2300		110	
LC Well 1	MS7-021607-8	0702150-8	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	50	UG/KG	930		470	
LC Well 1	MS7-021607-1	0702150-1	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	3900		440	
LC Well 1	MS7-021607-2	0702150-2	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	3400		350	
LC Well 1	MS7-021607-3	0702150-3	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	2900		370	
LC Well 1	MS7-021607-4	0702150-4	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	3000		290	
LC Well 1	MS7-021607-5	0702150-5	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	100	UG/KG	21		0.64	
LC Well 1	MS7-021607-6	0702150-6	SMP	98-82-8	ISOPROPYLBENZENE	SW8260	SOLID	1	MG/KG	2.1		0.52	
LC Well 1	MS7-021607-7	0702150-7	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	5.7		0.61	
LC Well 1	MS7-021607-8	0702150-8	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	5.5		0.55	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	6		0.55	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	6		0.55	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	6		0.55	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalOil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	7.4		0.34	
LC Well 1	MS7-021607-2	0702150-2	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.1		0.63	
LC Well 1	MS7-021607-3	0702150-3	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.6	
LC Well 1	MS7-021607-4	0702150-4	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.62	
LC Well 1	MS7-021607-5	0702150-5	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.48	
LC Well 1	MS7-021607-6	0702150-6	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.5		0.53	
LC Well 1	MS7-021607-7	0702150-7	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.4		0.41	
LC Well 1	MS7-021607-8	0702150-8	SMP	7439-92-1	LEAD	SW6010	SOLID	1	MG/KG	2.8		0.3	
LC Well 1	MS7-021607-1	0702150-1	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	26000		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	21000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	19000		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	17000		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	17000		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	11000		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	50	UG/KG	5600		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	100	UG/KG	23000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	100	UG/KG	19000		440	
LC Well 1	MS7-021607-3	0702150-3	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	100	UG/KG	17000		350	
LC Well 1	MS7-021607-4	0702150-4	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	100	UG/KG	16000		370	
LC Well 1	MS7-021607-5	0702150-5	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	100	UG/KG	12000		290	
LC Well 1	MS7-021607-6	0702150-6	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	1000	UG/KG	73000		3800	
LC Well 1	MS7-021607-7	0702150-7	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	1000	UG/KG	86000		4200	
LC Well 1	MS7-021607-8	0702150-8	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	1000	UG/KG	98000		3900	
LC Well 1	MS7-021707-3	0702150-13	SMP	136777-61-2	M+P-XYLENE	SW8260	SOLID	1000	UG/KG	56000		2400	
LC Well 1	MS7-021707-4	0702150-1	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	72		0.036	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.03	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.035	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	200		0.031	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	260		0.019	
LC Well 1	MS7-021707-5	0702150-5	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	96		0.035	
LC Well 1	MS7-021707-6	0702150-6	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.034	
LC Well 1	MS7-021707-7	0702150-7	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	110		0.035	
LC Well 1	MS7-021707-8	0702150-8	SMP	7439-96-5	MANGANESE	SW6010	SOLID	1	MG/KG	170		0.023	
LC Well 1	MS7-021707-1	0702150-10	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.018	B	0.0018	
LC Well 1	MS7-021707-2	0702150-11	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.015	B	0.002	
LC Well 1	MS7-021707-3	0702150-12	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.017	B	0.0019	
LC Well 1	MS7-021707-4	0702150-13	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.0053	B	0.0012	
LC Well 1	MS7-021607-7	0702150-7	SMP	7439-97-6	MERCURY	SW7471	SOLID	1	MG/KG	0.0018	B	0.0014	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	9000	J	3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	9100	J	4200	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	11000		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	9800		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8800		220	

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Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-4	0702150-4	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8700		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	8000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	180		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	6600		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	50	UG/KG	2800		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	13000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	11000		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	7900		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	8400		370	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	100	UG/KG	6100		290	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	13000		3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	7600		2400	
LC Well 1	MS7-021607-8	0702150-8	SMP	91-20-3	NAPHTHALENE	SW8260	SOLID	1000	UG/KG	1200	J	220	
LC Well 1	MS7-021607-7	0702150-7	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	3600		310	
LC Well 1	MS7-021607-1	0702150-1	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	3	UG/KG	27000		2800	
LC Well 1	MS7-021707-1	0702150-10	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	16000		800	
LC Well 1	MS7-021707-2	0702150-11	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	15000		850	
LC Well 1	MS7-021707-3	0702150-12	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	2	UG/KG	20000		1500	
LC Well 1	MS7-021707-4	0702150-13	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	6000		500	
LC Well 1	MS7-021607-2	0702150-2	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	2	UG/KG	13000		900	
LC Well 1	MS7-021607-3	0702150-3	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	3	UG/KG	13000		1400	
LC Well 1	MS7-021607-4	0702150-4	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	2	UG/KG	12000		920	
LC Well 1	MS7-021607-5	0702150-5	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	2	UG/KG	9700		740	
LC Well 1	MS7-021607-6	0702150-6	SMP	91-20-3	NAPHTHALENE	SW8270	SOLID	1	UG/KG	11000	J	770	
LC Well 1	MS7-021707-4	0702150-13	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	1000	UG/KG	4800		2400	
LC Well 1	MS7-021607-1	0702150-1	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	4500		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	4100		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	3600		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	3100		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	3700		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	3400		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	3600		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	50	UG/KG	1800		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	100	UG/KG	3400		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	100	UG/KG	3300		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	100	UG/KG	3500		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	100	UG/KG	2900		370	
LC Well 1	MS7-021607-7	0702150-7	SMP	104-51-8	N-BUTYL BENZENE	SW8260	SOLID	100	UG/KG	3400		290	
LC Well 1	MS7-021707-1	0702150-10	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	1000	UG/KG	8900	J	3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	1000	UG/KG	8000	J	4200	
LC Well 1	MS7-021607-1	0702150-1	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	9500		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	7000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	6200		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	5600		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	5900		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	5800		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	103-65-1	N-PROPYL BENZENE	SW8260	SOLID	50	UG/KG	4900		150	

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LC Well 1	MS7-021607-8	0702150-8	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	50	UG/KG	2100		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	6200		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	5600		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	5200		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	5000		370	
LC Well 1	MS7-021607-7	0702150-7	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	100	UG/KG	4800		290	
LC Well 1	MS7-021707-3	0702150-12	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	12000		3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	103-65-1	N-PROPYLBENZENE	SW8260	SOLID	1000	UG/KG	8100		2400	
LC Well 1	MS7-021607-1	0702150-1	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	15000			
LC Well 1	MS7-021707-1	0702150-10	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	9500			
LC Well 1	MS7-021707-2	0702150-11	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	5600			
LC Well 1	MS7-021707-3	0702150-12	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	6900			
LC Well 1	MS7-021707-4	0702150-13	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	4700			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	7000			
LC Well 1	MS7-021607-3	0702150-3	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	6400			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	5600			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	9500			
LC Well 1	MS7-021607-6	0702150-6	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	10000			
LC Well 1	MS7-021607-7	0702150-7	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	2500			
LC Well 1	MS7-021607-8	0702150-8	SMP	10-30-0	OIL AND GREASE	SW9071	SOLID	1	MG/KG	2400			
LC Well 1	MS7-021607-1	0702150-1	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	13000		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	11000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	9700		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8600		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	8600		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	5400		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	95-47-6	O-XYLENE	SW8260	SOLID	50	UG/KG	2200		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	13000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	9800		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	8000		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	95-47-6	O-XYLENE	SW8260	SOLID	100	UG/KG	8000		370	
LC Well 1	MS7-021707-1	0702150-10	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	26000		3800	
LC Well 1	MS7-021707-2	0702150-11	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	23000		4200	
LC Well 1	MS7-021707-3	0702150-12	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	36000		3900	
LC Well 1	MS7-021707-4	0702150-13	SMP	95-47-6	O-XYLENE	SW8260	SOLID	1000	UG/KG	19000		2400	
LC Well 1	MS7-021607-1	0702150-1	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.24			
LC Well 1	MS7-021707-1	0702150-10	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.72			
LC Well 1	MS7-021707-2	0702150-11	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.76			
LC Well 1	MS7-021707-3	0702150-12	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.14			
LC Well 1	MS7-021707-4	0702150-13	SMP	10-29-7	PH	SW9045	SOLID	1	PH	11.37			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.14			
LC Well 1	MS7-021607-3	0702150-3	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.28			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.24			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-29-7	PH	SW9045	SOLID	1	PH	9.18			
LC Well 1	MS7-021607-6	0702150-6	SMP	10-29-7	PH	SW9045	SOLID	1	PH	10.51			

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LC Well 1	MST-021607-7	0702150-7	SMP	10-29-7	PH	SW9045	SOLID	1	PH	10.97			
LC Well 1	MST-021607-8	0702150-8	SMP	10-29-7	PH	SW9045	SOLID	1	PH	8.81			
LC Well 1	MST-021707-1	0702150-10	SMP	108-95-2	PHENOL	SW8270	SOLID	1	UG/KG	5800		1400	
LC Well 1	MST-021607-1	0702150-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1900		240	
LC Well 1	MST-021607-2	0702150-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1900		220	
LC Well 1	MST-021607-3	0702150-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1700		220	
LC Well 1	MST-021607-4	0702150-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1500		220	
LC Well 1	MST-021607-5	0702150-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1700		180	
LC Well 1	MST-021607-6	0702150-6	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1700		180	
LC Well 1	MST-021607-7	0702150-7	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	1500		150	
LC Well 1	MST-021607-8	0702150-8	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	50	UG/KG	780		110	
LC Well 1	MST-021607-1	0702150-1	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1500		470	
LC Well 1	MST-021607-2	0702150-2	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1500		440	
LC Well 1	MST-021607-3	0702150-3	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1400		350	
LC Well 1	MST-021607-4	0702150-4	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1300		370	
LC Well 1	MST-021607-5	0702150-5	SMP	99-87-6	P-ISOPROPYLTOLUENE	SW8260	SOLID	100	UG/KG	1500		290	
LC Well 1	MST-021607-6	0702150-6	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.09	G		0.56
LC Well 1	MST-021707-1	0702150-13	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.15	G		0.39
LC Well 1	MST-021607-2	0702150-2	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.51	G		0.47
LC Well 1	MST-021607-3	0702150-3	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.44	G		0.45
LC Well 1	MST-021607-4	0702150-4	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.1	G		0.43
LC Well 1	MST-021607-5	0702150-5	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.25	G		0.58
LC Well 1	MST-021607-6	0702150-6	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.02	G		0.39
LC Well 1	MST-021607-7	0702150-7	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1.01	G		0.29
LC Well 1	MST-021607-8	0702150-8	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.57	LT		0.26
LC Well 1	MST-021707-1	0702150-10	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.75	LT.G		0.49
LC Well 1	MST-021707-2	0702150-11	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.94	LT.G		0.34
LC Well 1	MST-021707-3	0702150-12	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	0.99	LT.G		0.44
LC Well 1	MST-021607-4	0702150-4	SMP	13982-63-3	Ra-226	713R9	SOLID		pCi/g	1	G		0.53
LC Well 1	MST-021707-4	0702150-13	SMP	15262-20-1	Ra-228	713R9	SOLID		pCi/g	4200	J	2400	
LC Well 1	MST-021707-1	0702150-13	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	1000	UG/KG	7700		240	
LC Well 1	MST-021607-1	0702150-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	6700		220	
LC Well 1	MST-021607-2	0702150-2	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	6000		220	
LC Well 1	MST-021607-3	0702150-3	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5200		220	
LC Well 1	MST-021607-4	0702150-4	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5500		180	
LC Well 1	MST-021607-5	0702150-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5700		180	
LC Well 1	MST-021607-6	0702150-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5600		150	
LC Well 1	MST-021607-7	0702150-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	2300		110	
LC Well 1	MST-021607-8	0702150-8	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	50	UG/KG	5700		470	
LC Well 1	MST-021607-1	0702150-1	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	5400		440	
LC Well 1	MST-021607-5	0702150-5	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	4900		350	
LC Well 1	MST-021607-6	0702150-6	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	4800		370	
LC Well 1	MST-021607-7	0702150-7	SMP	135-98-8	SEC-BUTYLBENZENE	SW8260	SOLID	100	UG/KG	5300		290	
LC Well 1	MST-021707-4	0702150-13	SMP	7782-49-2	SELENIUM	SW6010	SOLID	1	MG/KG	0.61	B	0.49	
LC Well 1	MST-021607-3	0702150-3	SMP	7440-22-4	SILVER	SW6010	SOLID	1	MG/KG	0.19	B	0.14	
LC Well 1	MST-021607-5	0702150-5	SMP	7440-22-4	SILVER	SW6010	SOLID	1	MG/KG	0.17	B	0.11	
LC Well 1	MST-021607-8	0702150-8	SMP	7440-22-4	SILVER	SW6010	SOLID	1	MG/KG	0.074	B	0.069	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Client/ProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-1	0702150-1	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	23600			
LC Well 1	MS7-021607-1	0702150-10	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	18700			
LC Well 1	MS7-021607-2	0702150-11	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22700			
LC Well 1	MS7-021607-3	0702150-12	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22400			
LC Well 1	MS7-021607-4	0702150-13	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	16570			
LC Well 1	MS7-021607-2	0702150-2	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	21450			
LC Well 1	MS7-021607-3	0702150-3	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	22700			
LC Well 1	MS7-021607-4	0702150-4	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	20900			
LC Well 1	MS7-021607-5	0702150-5	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	17030			
LC Well 1	MS7-021607-7	0702150-7	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	18560			
LC Well 1	MS7-021607-8	0702150-8	SMP	10-34-4	SPECIFIC CONDUCTIVITY	EPA120.1	SOLID	1	UMHOS/CM	15520			
LC Well 1	MS7-021607-1	0702150-1	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	53000			
LC Well 1	MS7-021607-1	0702150-10	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	20	MG/KG	40000			
LC Well 1	MS7-021607-2	0702150-11	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	47000			
LC Well 1	MS7-021607-3	0702150-12	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	38000			
LC Well 1	MS7-021607-4	0702150-13	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	20	MG/KG	26000			
LC Well 1	MS7-021607-2	0702150-2	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	68000			
LC Well 1	MS7-021607-3	0702150-3	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	69000			
LC Well 1	MS7-021607-4	0702150-4	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	50	MG/KG	66000			
LC Well 1	MS7-021607-5	0702150-5	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	500	MG/L	48000			
LC Well 1	MS7-021607-6	0702150-6	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	500	MG/L	54000			
LC Well 1	MS7-021607-8	0702150-8	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	200	MG/KG	26000			
LC Well 1	MS7-021607-7	0702150-7	SMP	14808-79-8	SULFATE	EPA300.0	SOLID	200	MG/KG	38000			
LC Well 1	MS7-021607-1	0702150-1	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	15000		240	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	11000		220	
LC Well 1	MS7-021607-3	0702150-3	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	9800		220	
LC Well 1	MS7-021607-4	0702150-4	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	9200		220	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	14000		180	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	10000		180	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	7100		150	
LC Well 1	MS7-021607-8	0702150-8	SMP	108-88-3	TOLUENE	SW8260	SOLID	50	UG/KG	5100		110	
LC Well 1	MS7-021607-1	0702150-1	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	14000		470	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	10000		440	
LC Well 1	MS7-021607-5	0702150-5	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	14000		350	
LC Well 1	MS7-021607-6	0702150-6	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	9900		370	
LC Well 1	MS7-021607-7	0702150-7	SMP	108-88-3	TOLUENE	SW8260	SOLID	100	UG/KG	7400		290	
LC Well 1	MS7-021607-1	0702150-1	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	200000		3800	
LC Well 1	MS7-021607-2	0702150-2	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	180000		4200	
LC Well 1	MS7-021607-3	0702150-3	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	280000		3900	
LC Well 1	MS7-021607-4	0702150-4	SMP	108-88-3	TOLUENE	SW8260	SOLID	1000	UG/KG	110000		2400	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	480		0.71	
LC Well 1	MS7-021607-1	0702150-10	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	560		0.58	
LC Well 1	MS7-021607-2	0702150-11	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	590		0.68	
LC Well 1	MS7-021607-3	0702150-12	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	650		0.6	
LC Well 1	MS7-021607-4	0702150-13	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	720		0.38	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	560		0.69	

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 "Preliminary" Summary of Analytical Results that Exceed Detection Limits,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

ClientProjName	FieldID	LabID	QCTyp	CASNO	IndTestName	AnalMethod	Matrix	AnalDil	ReportUnits	FinalResult	Flag	MDL	MDC
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	660		0.66	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	670		0.69	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	760		0.53	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	870		0.58	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	960		0.45	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-61-1	URANIUM	SW6020	SOLID	10	UG/KG	930		0.33	
LC Well 1	MS7-021607-1	0702150-1	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	290		0.77	
LC Well 1	MS7-021707-1	0702150-10	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.62	
LC Well 1	MS7-021707-2	0702150-11	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.73	
LC Well 1	MS7-021707-3	0702150-12	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	220		0.65	
LC Well 1	MS7-021707-4	0702150-13	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	83		0.41	
LC Well 1	MS7-021607-2	0702150-2	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	260		0.75	
LC Well 1	MS7-021607-3	0702150-3	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	240		0.71	
LC Well 1	MS7-021607-4	0702150-4	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	240		0.74	
LC Well 1	MS7-021607-5	0702150-5	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	190		0.57	
LC Well 1	MS7-021607-6	0702150-6	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	250		0.63	
LC Well 1	MS7-021607-7	0702150-7	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	110		0.49	
LC Well 1	MS7-021607-8	0702150-8	SMP	7440-66-6	ZINC	SW6010	SOLID	1	MG/KG	150		0.35	

*MDL=Minimum Detection Limit
*MCL=Minimum Detectable Concentration for Radium
*Reporting Limit

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

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease
B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination
E = Compounds whose concentration exceeds the upper limit of the calibration range.
J = Estimated value.
U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO
D = A pattern resembling diesel was detected in sample.
G = A pattern resembling gasoline was detected in sample.
H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.
X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions
B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or equal to the Method Detection Limit.
U = Analyte was analyzed for but not detected.

Qualifiers for Radium
G = Sample density differs by more than 15% of LCS density
U = Result is less than the sample specific MDC.
LT = Result is less than the requested MDC and greater than the sample specific MDC

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 "Preliminary" Summary of Analytical Results that Exceed Regulatory Limits,
 New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Sample ID	Sample Matrix	Parameter	Units	Result	MDL	Qualifier	EPA Region 9 PRGs	Exceedance of EPA Region 9 PRGs	NMED SSLs	Exceedance of NMED SSLs
MST-021607-3	SOLID	ARSENIC	mg/kg	1.90	1.30	B	1.60	0.30	17.70	
MST-021607-6	SOLID	ARSENIC	mg/kg	1.80	1.20	B	1.60	0.20	17.70	
MST-021607-7	SOLID	ARSENIC	mg/kg	1.70	0.90	B	1.60	0.10	17.70	
MST-021707-3	SOLID	ARSENIC	mg/kg	1.90	1.20	B	1.60	0.30	17.70	
MST-021607-2	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	930.00	440.00	J	76.00	854.00	209.00	721.00
MST-021607-3	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	440.00	220.00	J	76.00	364.00	209.00	231.00
MST-021607-1	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	980.00	240.00	J	76.00	904.00	209.00	771.00
MST-021607-2	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	720.00	220.00	J	76.00	644.00	209.00	511.00
MST-021607-4	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	830.00	220.00	J	76.00	754.00	209.00	621.00
MST-021607-5	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	1300.00	350.00	J	76.00	1224.00	209.00	1091.00
MST-021607-5	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	870.00	180.00	J	76.00	794.00	209.00	681.00
MST-021607-6	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	670.00	180.00	J	76.00	594.00	209.00	461.00
MST-021607-7	SOLID	1,2,3-TRICHLOROPROPANE	ug/kg	1100.00	150.00	J	76.00	1024.00	209.00	891.00
MST-021607-5	SOLID	ARSENIC	mg/kg	2.10	1.10		1.60	0.50	17.70	
MST-021607-8	SOLID	ARSENIC	mg/kg	2.20	0.65		1.60	0.60	17.70	
MST-021707-1	SOLID	ARSENIC	mg/kg	2.50	1.10		1.60	0.90	17.70	
MST-021707-4	SOLID	ARSENIC	mg/kg	3.30	0.76		1.60	1.70	17.70	
MST-021607-5	SOLID	BENZENE	ug/kg	2900.00	180.00		1400.00	1500.00	25800.00	
MST-021607-5	SOLID	BENZENE	ug/kg	2900.00	350.00		1400.00	1500.00	25800.00	
MST-021607-6	SOLID	BENZENE	ug/kg	1800.00	180.00		1400.00	400.00	25800.00	
MST-021607-6	SOLID	BENZENE	ug/kg	1600.00	370.00		1400.00	200.00	25800.00	
MST-021707-1	SOLID	BENZENE	ug/kg	86000.00	3800.00		1400.00	84600.00	25800.00	60200.00
MST-021707-2	SOLID	BENZENE	ug/kg	76000.00	4200.00		1400.00	74600.00	25800.00	50200.00
MST-021707-3	SOLID	BENZENE	ug/kg	140000.00	3900.00		1400.00	138600.00	25800.00	114200.00
MST-021707-4	SOLID	BENZENE	ug/kg	40000.00	2400.00		1400.00	38600.00	25800.00	14200.00
MST-021707-3	SOLID	TOLUENE	ug/kg	280000.00	3900.00		520000.00		252000.00	28000.00
MST-021607-1	SOLID	URANIUM	ug/kg	460.00	0.71		200.00	260.00		
MST-021607-2	SOLID	URANIUM	ug/kg	560.00	0.69		200.00	360.00		
MST-021607-3	SOLID	URANIUM	ug/kg	680.00	0.66		200.00	480.00		
MST-021607-4	SOLID	URANIUM	ug/kg	670.00	0.69		200.00	470.00		
MST-021607-5	SOLID	URANIUM	ug/kg	780.00	0.53		200.00	580.00		
MST-021607-6	SOLID	URANIUM	ug/kg	870.00	0.58		200.00	670.00		
MST-021607-7	SOLID	URANIUM	ug/kg	960.00	0.45		200.00	760.00		
MST-021607-8	SOLID	URANIUM	ug/kg	930.00	0.33		200.00	730.00		
MST-021707-1	SOLID	URANIUM	ug/kg	560.00	0.58		200.00	360.00		
MST-021707-2	SOLID	URANIUM	ug/kg	590.00	0.68		200.00	390.00		
MST-021707-3	SOLID	URANIUM	ug/kg	650.00	0.60		200.00	450.00		
MST-021707-4	SOLID	URANIUM	ug/kg	720.00	0.38		200.00	520.00		

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium

^cReporting Limit

mg/kg = Milligrams per kilogram

S.M. Stoller

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"Preliminary" Summary of Analytical Results that Exceed Regulatory Limits,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

mg/L = Milligrams per liter
pCi/g = Picocuries per gram
ug/kg = Micrograms per kilogram
inches/cm = Microns per centimeter
LCS = Laboratory Control Sample
EPA PRGs = US Environmental Protection Agency Region 9 Preliminary Remediation Goals
NMED SSLs = New Mexico Environment Department Soil Screening Levels

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease
B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination
E = Compounds whose concentration exceeds the upper limit of the calibration range.
J = Estimated value.
U = The compound was analyzed for but not detected.

Qualifiers for TPH/GRO/DRO
D = A pattern resembling diesel was detected in sample.
G = A pattern resembling gasoline was detected in sample.
H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.
X = The analyte was diluted below an accurate quantitation level.

Qualifiers for Metals and Anions
B = Reported value was obtained from a reading that was less than the Practical Quantitation Limit by greater than or equal to the Method Detection Limit.
U = Analyte was analyzed for but not detected.

Qualifiers for Radium
G = Sample density differs by more than 15% of LCS density
U = Result is less than the sample specific MDC.

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"Preliminary" Summary of DRO/GRO Analytical Results,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
MS7-021607-1	SOLID	DIESEL RANGE ORGANICS	mg/kg	26000	62	D
MS7-021607-2	SOLID	DIESEL RANGE ORGANICS	mg/kg	18000	120	D,H
MS7-021607-3	SOLID	DIESEL RANGE ORGANICS	mg/kg	17000	110	D,H
MS7-021607-4	SOLID	DIESEL RANGE ORGANICS	mg/kg	16000	110	D,H
MS7-021607-5	SOLID	DIESEL RANGE ORGANICS	mg/kg	14000	93	D,H
MS7-021607-6	SOLID	DIESEL RANGE ORGANICS	mg/kg	19000	97	D,H
MS7-021607-7	SOLID	DIESEL RANGE ORGANICS	mg/kg	12000	75	D,H
MS7-021607-8	SOLID	DIESEL RANGE ORGANICS	mg/kg	4600	56	D,H
MS7-021707-1	SOLID	DIESEL RANGE ORGANICS	mg/kg	12000	100	C
MS7-021707-2	SOLID	DIESEL RANGE ORGANICS	mg/kg	11000	110	C
MS7-021707-3	SOLID	DIESEL RANGE ORGANICS	mg/kg	19000	100	C
MS7-021707-4	SOLID	DIESEL RANGE ORGANICS	mg/kg	9100	62	C
MS7-021607-1	SOLID	GASOLINE RANGE ORGANICS	mg/kg	440	2.3	G,H
MS7-021607-2	SOLID	GASOLINE RANGE ORGANICS	mg/kg	400	2.1	G,H
MS7-021607-3	SOLID	GASOLINE RANGE ORGANICS	mg/kg	300	2	G,H
MS7-021607-4	SOLID	GASOLINE RANGE ORGANICS	mg/kg	310	2.1	G,H
MS7-021607-5	SOLID	GASOLINE RANGE ORGANICS	mg/kg	450	1.7	G,H
MS7-021607-6	SOLID	GASOLINE RANGE ORGANICS	mg/kg	380	1.8	G,H
MS7-021607-7	SOLID	GASOLINE RANGE ORGANICS	mg/kg	340	1.4	G,H
MS7-021607-8	SOLID	GASOLINE RANGE ORGANICS	mg/kg	250	1	G,H
MS7-021707-1	SOLID	GASOLINE RANGE ORGANICS	mg/kg	1700	9.1	G
MS7-021707-2	SOLID	GASOLINE RANGE ORGANICS	mg/kg	1600	9.9	G
MS7-021707-3	SOLID	GASOLINE RANGE ORGANICS	mg/kg	2100	9.2	G
MS7-021707-4	SOLID	GASOLINE RANGE ORGANICS	mg/kg	2500	11	G
MS7-021607-1	SOLID	OIL AND GREASE	mg/kg	15000	140°	
MS7-021607-2	SOLID	OIL AND GREASE	mg/kg	7000	110°	
MS7-021607-3	SOLID	OIL AND GREASE	mg/kg	6400	110°	
MS7-021607-4	SOLID	OIL AND GREASE	mg/kg	5600	110°	
MS7-021607-5	SOLID	OIL AND GREASE	mg/kg	9500	87°	
MS7-021607-6	SOLID	OIL AND GREASE	mg/kg	10000	90°	
MS7-021607-7	SOLID	OIL AND GREASE	mg/kg	2500	72°	
MS7-021607-8	SOLID	OIL AND GREASE	mg/kg	2400	53°	
MS7-021707-1	SOLID	OIL AND GREASE	mg/kg	9500	95°	

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"Preliminary" Summary of DRO/GRO Analytical Results,
New Mexico Joint Defense Agreement Sampling of the Lea County Mud Pit #1

Sample Number	Matrix	Parameter	Units	Result	MDL	Qualifier
MS7-021707-2	SOLID	OIL AND GREASE	mg/kg	5600	120 ^c	
MS7-021707-3	SOLID	OIL AND GREASE	mg/kg	6900	96 ^c	
MS7-021707-4	SOLID	OIL AND GREASE	mg/kg	4700	58 ^c	

^aMDL=Minimum Detection Limit

^bMCL=Minimum Detectable Concentration for Radium

^cReporting Limit

Qualifiers for VOCs, SVOCs, PCBs, Oil and Grease

J = Estimated value.

U = The compound was analyzed for but not detected.

* = A spike recovery is equal to or outside the control criteria used.

Qualifiers for TPH/GRO/DRO

B = Analyte is detected in the associated method blank as well as in the sample; it indicates probable blank contamination

D = A pattern resembling diesel was detected in sample.

G = A pattern resembling gasoline was detected in sample.

H = The fuel pattern was in the heavier end of the retention time window for the analyte of interest.

L = The fuel pattern was in the lighter end of the retention time window for the analyte of interest.