CONSTRUCTION COMPLETION REPORT
REMEDIATION OF MERCURY IN SOILS
AT THE FORMER CHLOR-ALKALI AREA
ON THE SOLUTIA W. G. KRUMMRICH PLANT
SAUGET, ILLINOIS

Submitted To:

U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd.
Chicago, Illinois

February 27, 2009

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1. Introduction and Background

This document presents the Construction Completion Report (CCR) for activities undertaken to remove soils impacted with mercury from the former Chlor-Alkali Area of the Solutia W.G. Krummrich facility in Sauget, Illinois.

The need for the investigation and corrective action was identified in the "Final Decision and Response to Comments for Solutia Inc., Sauget, Illinois, U.S. EPA No. ILD 000 802 702" (Final Decision) that was issued by the U.S. Environmental Protection Agency (U.S. EPA) on February 26, 2008, and received by Solutia on February 28, 2008. That document required the excavation of soils that contain mercury at concentrations in excess of 61 ppm provided that Solutia could demonstrate (and U.S. EPA approved the demonstration) that mercury has not migrated to groundwater in the Shallow Hydrogeologic Unit (SHU) in excess of a concentration of 0.002 ppm in the area immediately downgradient of the excavation.

This was demonstrated by the September 19, 2008, collection of a groundwater sample from Piezometer PZ-MA-1 – results of which indicated a mercury concentration less than 0.002 ppm (concentration was 0.00067 ppm) as communicated to U.S. EPA on October 7, 2008. Approval was subsequently granted by U.S. EPA for a cleanup level of 61 ppm on November 17, 2008.

Soils impacted with mercury above 61 ppm were identified in the upper 13 feet beneath portions of the area located between the CCH building and B Street as depicted in Figure 1. The remedial approach was to excavate soils containing soil impacted with mercury with levels above 61 ppm and transport them to a proper disposal facility. Due to the proximity of existing building CCH to the excavation area, an earth retention system (ERS) consisting of cold-formed sheet pile was installed around the excavation area to allow soil removal to the required depths without endangering the adjacent Building CCH and worker safety. Sheet piling, excavation, and backfilling occurred in sequence.

2. Results And Remedial Actions

The results of the investigation have previously been provided to U.S. EPA under separate cover. As depicted in Figure 1, soils impacted with mercury have been identified in the uppermost 13 feet beneath portions of the area located between the CCH building and B Street.

The remedial actions were indented to remove soils (in the depth range previously agreed to with U.S. EPA) that contain mercury in excess of 61 ppm. In order to perform the remedial activities, various activities were followed in sequence including pre-excavation, excavation and site restoration. Each of these construction activities followed general site and project specific health and safety requirements. Activities were performed during February 2 through February 17, 2009 by Pangea Inc. (Pangea) with construction oversight provided by URS Corporation (URS).

2.1 Pre-Excavation Activities

The following pre-excavation work was conducted prior to commencing excavation:

- Piezometer PZ-MA-01 located within the footprint of the excavation was abandoned.
- Soil representative of that to be excavated was collected and composited for analytical testing to profile the material for disposal.
- A Construction Plan was developed by Pangea outlining the procedures for pre-excavation, excavation and site restoration activities.
- Pangea laid out the excavation using the coordinates and measurements provided in Figure 2 (See also Photographic Log – Attachment A). Work zones were established based on the excavation layout, and temporary barricades and signage were installed around the perimeter of the excavation area to control access.
- A temporary decontamination pad constructed of heavy duty plastic sheeting was installed in a location where all equipment and trucks entered and exited the

project area. All equipment and trucks went through decontamination prior to leaving the site. At a minimum this consisted of using hand tools such as shovels and brooms to remove excess soil from vehicles.

- Pangea conducted trenching to a depth of 12 feet along the perimeter of the excavation footprint to identify possible obstructions that may interfere with sheet pile installation. Pretrenching located and identified various concrete footings and slabs, a manhole and two storm sewer pipes that were encased in concrete. The concrete footings and slabs were reduced in size using a trackhoe equipped with a hoe ram. The manhole and storm sewer pipes were left in place.
- An earth retention system (ERS) consisting of sheet pile was installed along the perimeter of the excavation footprint. Sheet piles were installed using an ABI excavator-mounted vibratory pile hammer. The ERS consisted of 37-foot-long sheet piles (cold-rolled SKZ25 (Grade 60)) installed to a depth of approximately 35 feet below ground surface (bgs). The as-built details are shown in Figure 3.

2.2 Excavation Activities

Excavation activities were initiated once all site preparation was completed and the ERS was in place. The following excavation activities were performed in sequence:

- Surface cover material consisting of asphalt was removed and disposed of off-site;
- Plastic sheeting was placed on the ground in a location beneath the trucks and in the "swing zone" of the excavator to collect any spillage during loading.
- Soils located inside the ERS were excavated by Pangea using a Caterpillar model 325 trackhoe. Excavated soils were loaded directly into trailer or tandem trucks under manifest. Manifests (copies provided in Attachment B) were prepared for each load of soil that was shipped off-site to the disposal facility. Soils were managed as non-hazardous special waste, based on the waste characterization profile and transported to the Waste Management Milam Recycling and Disposal

Facility (RDF) Landfill located in East St. Louis, Illinois. Trucks were covered and decontaminated prior to departing the Site.

- Excavation continued beyond the planned minimum depths (as previously agreed to between Solutia with U.S. EPA) as shown on Figure 3 resulting in the removal of approximately 600 cubic yards of material as manifested. Table 1 provides a summary of the excavated material. Confirmation depth measurements were subsequently performed by Pangea and URS using a rod and level attached to the bucket of the excavator.
- Backfilling commenced once excavation activities were complete and after total depth were confirmed and documented.

2.3 Backfill Activities

Prior to importation, backfill samples were collected for chemical and geotechnical testing. Four samples of the borrow source materials were obtained and tested for various contaminants and compared to baseline remediation objectives (i.e. Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier I) to ensure that materials were suitable for backfill. Attachment C provides the analytical results (chemical and geotechnical) of the material that was used for the backfill. The material was approved since all constituents were below Illinois TACO Tier I levels.

Imported material consisting of CA-7 (1" clean limestone) from the Falling Springs Quarry located in Dupo, Illinois, was used for backfill. The trackhoe was used to place the material and compact the first two 1-foot-thick lifts. Subsequent lifts were compacted with a minimum of six passes using a remote vibratory sheepsfoot roller to a medium dense condition. A VM75 vibratory smooth-drum roller was used to perform compaction in the upper three feet of the excavation.

Prior to completing backfilling of the uppermost 1 foot, Pangea excavated additional soils on the exterior of the ERS to create room for cutting off the sheet pile below ground

surface. The excavated soils were loaded directly into trailer or tandem trucks under manifest as previously described in Section 2.2. The sheet pile was subsequently cut off approximately 1-foot below ground surface and disposed of.

The top one foot of the excavation was backfilled with material consisting of CA-6 (crushed limestone gravel) to pre-excavation grades. The smooth-drum vibratory roller was used to compact each lift to a dense to very dense condition in the majority of the area. The area where the concrete-encased storm sewer pipes are located were subsequently static rolled to a dense to very dense condition.

2.4 Construction Quality Assurance

The overall objectives of the Construction Quality Assurance (CQA) program were to ensure the proper construction techniques and procedures were used and to verify that the materials used met specifications.

Quality assurance items completed by Pangea and/or URS included the following:

- Testing of backfill material (geotechnical and environmental) and comparing results to IEPA Taco Tier I criteria and geotechnical results to specified gradation requirements;
- Inspecting each pile for damage, proper length, lifting hole diameter, and placement;
- Confirming sheet pile alignment;
- Documenting excavation depths; and
- Documenting backfill placement, per specifications.

2.5 Restoration Activities

Restoration work included returning the site to preconstruction conditions and final grading of the CA-6 crushed limestone gravel to pre-excavation grades.

3. Monitoring Activities

Pursuant to U.S. EPA's request, a monitoring well, MA-MW01, screened in the SHU was installed immediately downgradient of the excavation to allow for the collection of four quarters of groundwater samples. The monitoring well was installed by Roberts Environmental Drilling Inc. (REDI) using hollow stem auger methodology. Prior to well installation, the subsurface stratigraphy was logged and documented by URS; the boring log is included in Attachment D.

The monitoring well was constructed using 2 – inch diameter schedule 40 polyvinyl chloride (PVC) and a 5-foot long, 0.010 inch slot screen size. The well was completed with a flush mount protector. A Monitoring Well Completion Log is also included in Attachment D. Following installation, the monitoring well was developed (surged and pumped) to establish a good hydraulic connection with the SHU. The well development form is included in Attachment D.

Laboratory results from the first sampling event (conducted February 23, 2009) and subsequent events will be provided as they become available.

At the completion of the required four quarters of groundwater sampling, if all four results are below 0.0002 ppm mercury, the well will be abandoned. Otherwise, an action plan will be proposed.

TABLES

Table 1
Summary of Excavated Material

Ticket Date	Manifest	WM Ticket ID	Tons	Yards (est.)
2/9/2009	5114555	679441	15.87	12
2/9/2009	5114558	679443	14.6	12
2/9/2009	5114557	679444	18.65	12
2/9/2009	5114556	679446	18.94	12
2/9/2009	5114559	679485	15.75	12
2/9/2009	5114560	679486	16.25	12
2/9/2009	5114561	679488	14.4	12
2/9/2009	5114562	679494	16.02	12
2/9/2009	5114563	679514	11.25	8
2/9/2009	5114564	679517	11.62	8
2/9/2009	5114565	679539	17.87	12
2/9/2009	5114566	679542	19.88	12
2/9/2009	5114567	679547	18.6	12
2/9/2009	5114568	679554	18.31	12
2/9/2009	5114570	679563	11.68	8
2/9/2009	5114574	679632	19.25	12
2/9/2009	5114573	679640	15.69	12
2/9/2009	5114576	679645	9.97	8
2/9/2009	5114571	679649	16.74	12
2/9/2009	5114572	679650	18.97	12
2/9/2009	5114577	679673	19.22	12
2/9/2009	5114578	679680	18.06	12
2/9/2009	5114579	679685	10.77	8
2/9/2009	5114580	679690	11.38	8
2/9/2009	5114581	679698	16.31	12
2/9/2009	5114582	679705	14.84	12
2/9/2009	5114583	679721	19.09	12
2/9/2009	5114584	679729	16.59	12
2/9/2009	5114585	679730	13.6	8
2/9/2009	5114586	679732	11.7	8
2/9/2009	5114587	679741	19.29	12
2/9/2009	5114588	679748	16.45	12
2/9/2009	5114589	679784	17.5	12
2/9/2009	5114591	679795	17.38	12
2/9/2009	5114590	679799	11.32	8
2/9/2009	5114592	679800	10.14	8
2/9/2009	5114594	679804	15.64	12
2/9/2009	5114593	679805	14.54	12
2/9/2009	5114575	680914	13.59	8
2/9/2009	5114569	680915	13.49	8

Table 1
Summary of Excavated Material

Ticket Date	Manifest	WM Ticket ID	Tons	Yards (est.)
2/10/2009	5114595	679911	17.57	12
2/10/2009	5114596	679916	11.11	12
2/10/2009	5114597	679919	13.99	12
2/10/2009	5114598	679959	16.79	12
2/10/2009	5114599	679967	16.48	12
2/10/2009	5114600	679979	20.5	12
2/10/2009	5114601	680001	16.73	12
2/10/2009	5114602	680016	18.81	12
2/10/2009	2173992	680063	18	12
2/10/2009	2173993	680087	15.09	12
2/10/2009	2173994	680090	17.35	12
2/10/2009	5114603	680121	11.52	12
2/12/2009	2173995	680773	17.62	8
2/12/2009	2173996	680796	16.06	8
2/12/2009	2173998	680823	18.58	8
2/17/2009	2173997	681706	3.56	8
		Total:	**870.97**	**608**

FIGURES

S0928		
Date	Depth	Result (mg/kg)
Jul-03	2 -3	0.27
Jul-03	6 - 7	0.71 S
Jul-03	9 - 10	0.21

S0916		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	0.14 N J
Oct-03	9 - 10	**500 N**
Jul-05	13 - 15	0.19

S0923		
Date	Depth	Result (mg/kg)
Oct-03	7 - 8	36
Oct-03	13 - 14	2.2

S0909		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	2.3 N
Oct-03	4 - 5	4.1 N

S0922		
Date	Depth	Result (mg/kg)
Oct-03	7 - 8	0.51
Oct-03	13 - 14	0.04

S0920		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	5.6 * J
Oct-03	6 - 7	**940 ***
Jul-05	13 - 15	58 J

S0915		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	0.23 N
Oct-03	9 - 10	1.3 N

S0914		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	0.63 N
Oct-03	6 - 8	0.8 N

S0910		
Date	Depth	Result (mg/kg)
Oct-03	0 - 2	8.7 N

S0917		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	**160 N**
Oct-03	7 - 8	28 N J

S0919		
Date	Depth	Result (mg/kg)
Oct-03	0 - 2	0.88 *
Oct-03	6 - 7	**170 ***
Oct-03	9 - 10	**140**
Jul-05	13 - 15	1.6 S

S0925		
Date	Depth	Result (mg/kg)
Jul-05	2 - 3	39
Jul-05	6 - 7	0.55 S
Jul-05	9 - 10	0.092

S0924		
Date	Depth	Result (mg/kg)
Oct-03	7 - 8	24
Oct-03	13 - 14	37

S0927		
Date	Depth	Result (mg/kg)
Jul-03	2 -3	0.034
Jul-03	6 - 7	**81**
Jul-03	9 - 10	17

S0913		
Date	Depth	Result (mg/kg)
Oct-03	1 - 2	0.24 N
Oct-03	6 - 7	24 N

S0926		
Date	Depth	Result (mg/kg)
Jul-05	2 - 3	0.57 S
Jul-05	6 - 7	30 J
Jul-05	9 - 10	5.8

S0911		
Date	Depth	Result (mg/kg)
Oct-03	0 - 2	18 N
Oct-03	9 - 10	0.26 N

S0918		
Date	Depth	Result (mg/kg)
Oct-03	0 - 2	0.49 *
Oct-03	6 - 7	28 *
Oct-03	9 - 10	23

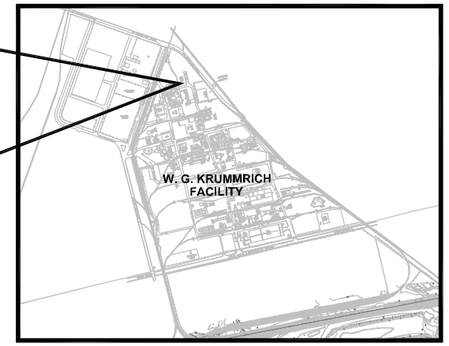
S0921		
Date	Depth	Result (mg/kg)
Oct-03	13 - 14	0.68

S0912		
Date	Depth	Result (mg/kg)
Oct-03	2 - 3	0.042 N
Oct-03	5 - 6	17 N

S0904		
Date	Depth	Result (mg/kg)
Mar-03	6 - 8	**1000**
Dec-08	11-12	**110.5**
Dec-08	14-15	**160**

SØ928 SØ923 SØ916 SØ909 SØ922 SØ920 SØ915 SØ914 SØ910 SØ919 SØ904 SØ917 SØ925 SØ921 SØ927 SØ918 SØ924 SØ913 SØ911 SØ926 SØ912

Ø 1Ø
SCALE FEET



KEYMAP
1" = 2000'

LEGEND

AREA OF SOIL CONTAINING MERCURY EXCEEDING THE DIRECT CONTACT VALUE (>61mg/kg)

BORING LOCATION

NOTES:
1. DIRECT CONTACT SCREENING CRITERIA FOR MERCURY IS FROM IEPA TACO. DIRECT CONTACT EXCEEDANCES ARE SHOWN IN BOLD.
2. FOR DUPLICATE SAMPLES, THE HIGHER RESULT IS SHOWN.

QUALIFERS:
B – COMPOUND WAS FOUND IN THE BLANK AND SAMPLE.

J – RESULT IS LESS THAN THE RL, BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.

N – SPIKED SAMPLE RECOVERY IS NOT WITHIN CONTROL LIMITS.

S – RESULT WAS DETERMINED BY THE METHOD OF STANDARD ADDITIONS.

* – DUPLICATE ANALYSIS IS NOT WITHIN CONTROL LIMITS.

CONSTRUCTION COMPLETION REPORT
FORMER CHLOR-ALKALI AREA CORRECTIVE MEASURES IMPLEMENTATION
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21562122

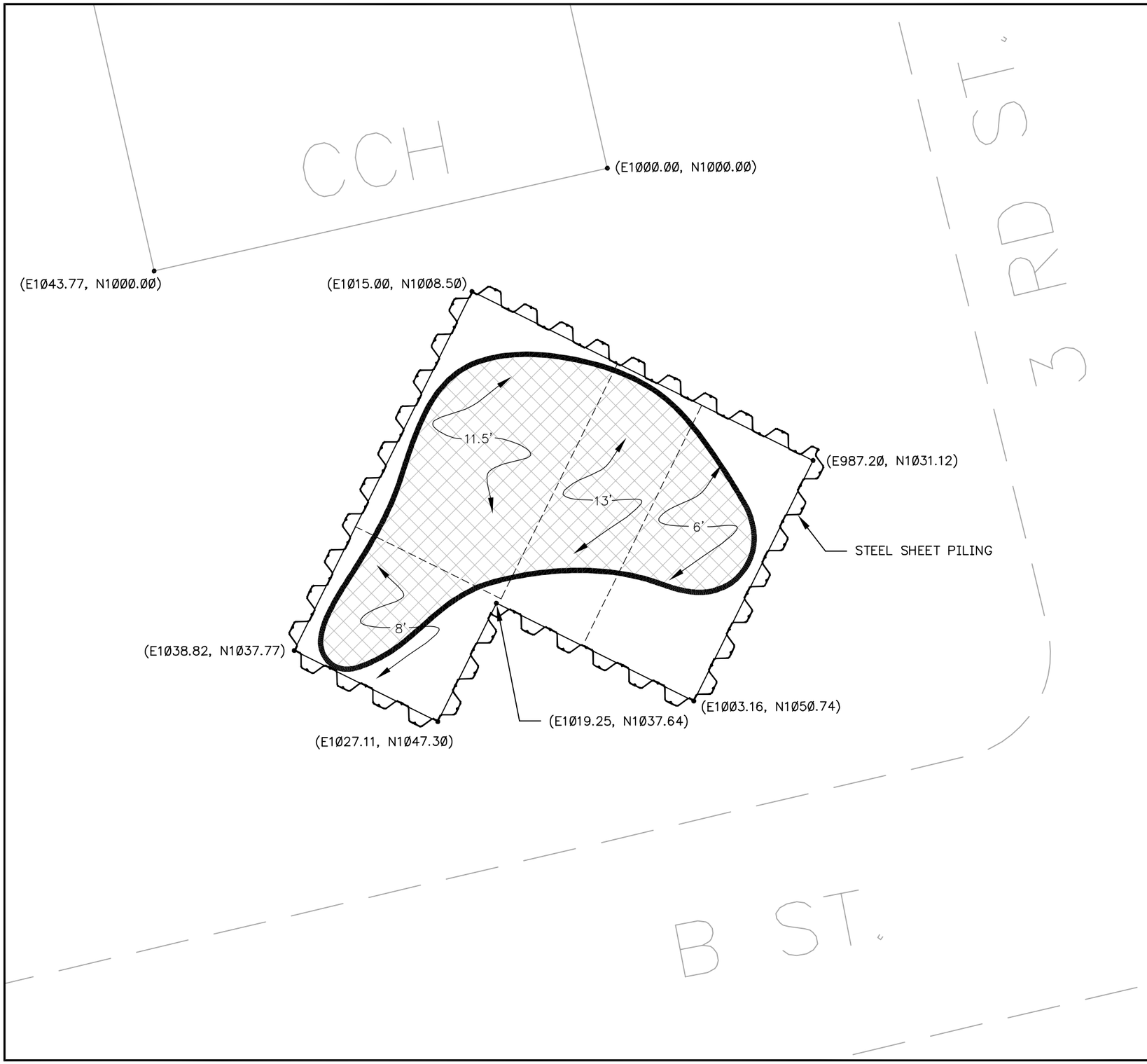
URS

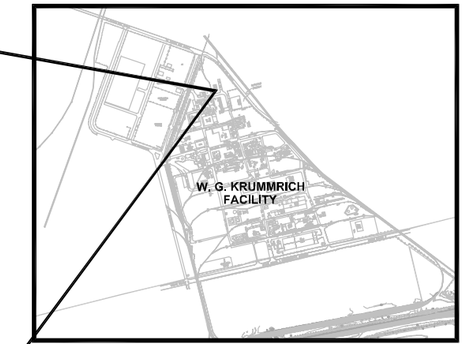
DRN. BY: djd 2/24/09
DSGN. BY: mpm
CHKD. BY: tja

Identification of Soils Requiring Excavation

FIG. NO. 1

File: P:\ENVIRONMENTAL\21562122 MERCURY AREA EXCAVATION\E-CONSTRUCTION COMPLETION REPORT\COR FIGURES\POST EXCAVATION FIGURES\FIGURE 1 IDENTIFICATION OF SOILS REQUIRING EXCAVATION.DWG Last edited: 02/24/09 @ 1:11 p.m. WC-ST.LOUIS, MO





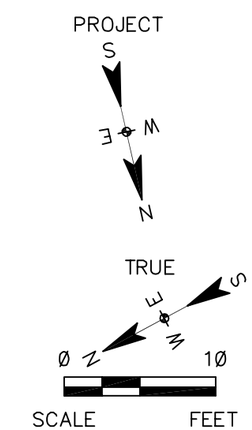
LEGEND

(E1000.00, N1000.00) ● PROJECT COORDINATE POINT FOR CONSTRUCTION PLAN (EASTING, NORTHING)

AREA OF SOIL CONTAINING MERCURY EXCEEDING THE DIRECT CONTACT VALUE (>61mg/kg)

NUMBER REPRESENTS PROPOSED EXCAVATION DEPTH BELOW GROUND SURFACE

NOTE:
GRADE ELEVATION IS 410.00'.



CONSTRUCTION COMPLETION REPORT FORMER CHLOR-ALKALI AREA CORRECTIVE MEASURES IMPLEMENTATION W.G. KRUMMRICH FACILITY SAUGET, ILLINOIS	PROJECT NO. 21562122

URS

DRN. BY: djd 2/24/09 DSGN. BY: SV CHKD. BY: SV	Construction Plan (With Project Coordinates)	FIG. NO. 2

File: P:\ENVIRONMENTAL\21562122 MERCURY AREA EXCAVATION\E-CONSTRUCTION COMPLETION REPORT\CCR FIGURES\POST EXCAVATION FIGURES\FIGURE 2 CONSTRUCTION PLAN (WITH PROJECT COORDINATES).DWG Last edited: 02/25/09 @ 4:18 p.m. WC-ST.LOUIS, MO

File: P:\ENVIRONMENTAL\21562122 MERCURY AREA EXCAVATION\E-CONSTRUCTION COMPLETION REPORT\COR FIGURES\POST EXCAVATION FIGURES\FIGURE 3 AS-BUILT SHEET PILE DESIGN.DWG Last edited: 02/25/09 @ 4:09 p.m. WC-ST.LOUIS, MO

CCH

(E1000.00, N1000.00)

(E1043.77, N1000.00)

(E1015.00, N1008.50)

12.82'

13.47'

NO PILE USED
BENEATH SEWER

CASED SEWER PIPE

13.06'

13.5'

(E987.20, N1031.12)

8.04'

12.62'

±14'

CONCRETE CASED

8.92'

12.34'

13.80'

6.64'

STEEL SHEET PILING
SKZ25 (GRADE 60)

8.88'

6.10'

13.14'

2'X2'

(E1038.82, N1037.77)

8.92'

8.88'

2'X2' CONCRETE CASED SEWER PIPE

(E1003.16, N1050.74)

(E1027.11, N1047.30)

MA-MW01

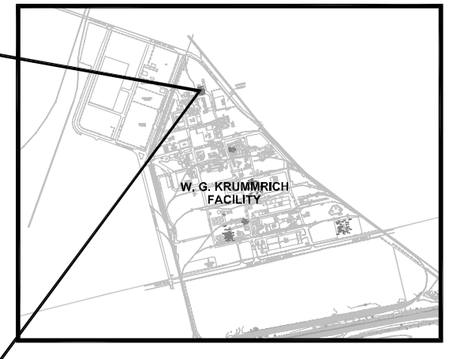
(E1019.25, N1037.64)

(E1017.60, N1051.70)

NO PILE USED AT LOCATION
OF MANHOLE OR BENEATH SEWER

B ST.

3RD ST.



LEGEND

PROJECT COORDINATE POINT FOR CONSTRUCTION PLAN
(E1000.00, N1000.00) (EASTING, NORTHING)

★ EXCAVATION MEASURING POINTS DEPTH
12.82'

MONITORING WELL

PROJECT
S
E M
N

TRUE
S
E
M
N

Ø 10

SCALE FEET

CONSTRUCTION COMPLETION REPORT FORMER CHLOR-ALKALI AREA CORRECTIVE MEASURES IMPLEMENTATION W.G. KRUMMRICH FACILITY SAUGET, ILLINOIS	PROJECT NO. 21562122
URS	
DRN. BY: djd 2/24/09 DSGN. BY: SV CHKD. BY: SV	As-Built Construction
	FIG. NO. 3

ATTACHMENTS

ATTACHMENT A
PHOTOGRAPHIC LOG

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
1	02/04/09

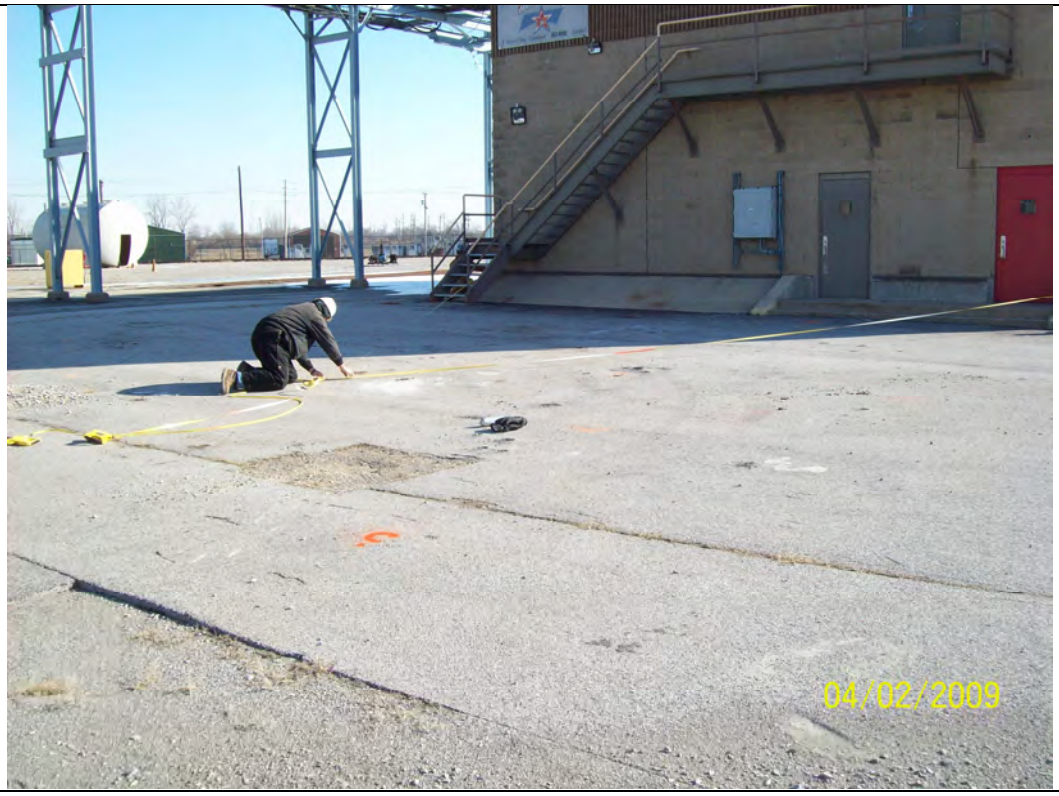
Description:

View looking east at area to be excavated.

Photo No.	Date:
2	02/04/09

Description:

Photograph of worker taking measurements to confirm layout of area to be excavated.



URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
3	02/04/09

Description:

Photograph of initial trenching to expose potential obstructions to the sheet piling installation.

Photo No.	Date:
4	02/05/09

Description:

Photograph of sheet piling installation.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
5	02/06/09

Description:

View looking south at completion of sheet piling installation.

Photo No.	Date:
6	02/06/09

Description:

Photograph of heavy equipment excavating soil from within sheet piling.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
7	02/09/09

Description:

Photograph of truck loading operation during excavation.

Photo No.	Date:
8	02/10/09

Description:

Photograph of method used for depth confirmation.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
9	02/10/09

Description:

Photograph of the start of backfill activities.

Photo No.	Date:
10	02/11/09

Description:

View of operator completing compaction via remote controlled vibratory sheep's foot roller.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
11	02/12/09

Description:

Photograph of compaction being completed with smooth drum roller.

Photo No.	Date:
12	02/12/09

Description:

Photograph of remaining sheet piling following excavation and backfill activities (subsequently cut off 1 foot below ground surface).

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
Solutia Inc.	Sauget, Illinois	21562122

Photo No.	Date:
13	02/17/09

Description:

Photograph of surface compaction with smooth drum roller.

Photo No.	Date:
14	02/17/09

Description:

View looking southwest at excavation area following backfill.

ATTACHMENT B
WASTE MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114555 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluria Inc.
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 YDS	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
x Brett D. Shank		02	09	09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
x Gary Harrod		02	09	09
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
L Sanders		2	9	09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milan RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6783

Original 5313830
Ticket# 672441

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114555
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 130-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 20.0
Container
Driver
Check#
Billing # 0001094
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound	Gross	63560 lbs
In	02/09/2009 00:52:41	SCALE1	LSNYDERS		Tare	31820 lbs
Out	02/09/2009 00:52:41		LSNYDERS		Net	31740 lb
			* Manual Weight		Tons	15.87

Comments PROFILE WASN'T IN SYSTEM

Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	15.87	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM.NI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000902702		618-482-5478	005114556 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-5545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafare Trucking (618) 610-7929 IL ID # 5014 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone: — U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yds	03	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter — Signature — Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Snyder — Signature — Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313334
Ticket# 679446

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114556
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 20.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 08:58:19	SCALE1	LSNYDERS		Gross	69780 lb*
Out	02/09/2009 09:13:25	SCALE1	LSNYDERS		Tare	31980 lb
			* Manual Weight		Net	37800 lb
					Tons	18.94

Comments PROFILE WASN'T IN SYSTEM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.94	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000902702		618-482-6478	005114557 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1030450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yds	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Tobin
Signature:
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Sanders
Signature:
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Original 5313831
Ticket# 679444

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114557
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 20.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 08:56:52	SCALE1	LSNYDERS		Gross	71260 lb*
Out	02/09/2009 08:56:52		LSNYDERS		Tare	33960 lb*
			* Manual Weight		Net	37300 lb
					Tons	18.65

Comments PROFILE WASN'T IN SYSTEM

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.65	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114558 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-0545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Eagle Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yds	TE	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank Signature: Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Evan Schlemmer Signature: Month Day Year

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: J. Singleton Signature: Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Original 5313835
Ticket# 679443

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114558
Destination
PO
Profile 1025191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T-Ti Volume 20.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 08:55:07	SCALE1	LSNYDERS		Gross	59200 lb*
Out	02/09/2009 09:15:12	SCALE1	LSNYDERS		Tare	30000 lb
			* Manual Weight		Net	29200 lb
					Tons	14.60

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	14.60	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114559 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yds	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shunk
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: GARY HENSON
Signature:
Month: 02 Day: 09 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF

5321742

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Ticket# 679485

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114559
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 09:54:57	SCALE2	SCOLLINS		Gross	63320 lb
Out	02/09/2009 09:54:57		SCOLLINS		Tare	31820 lb
					Net	31500 lb
					Tons	15.75

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	15.75	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	ILD000802702		618-482-6478	005114560 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluria Inc.
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Stone Trucking (618) 810-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619it.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shunk Signature: [signature] Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Tobin Signature: [signature] Month: 02 Day: 09 Year: 09

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] Signature: [signature] Month: 02 Day: 09 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

5321743

Ticket# 679486

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114560
Destination
PO
Profile 102519IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator			
In	02/09/2009 09:56:31	SCALE2	SCOLLINS	Inbound	Gross	66460 lb
Out	02/09/2009 09:56:31		SCOLLINS		Tare	33960 lb
					Net	32500 lb
					Tons	16.25

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons	100	16.25	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000902702		618 482-6478	005114561 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Shore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam ROF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12-yd3	CT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

INT'L

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shook — Signature: [signature] — Month: 02 Day: 09 Year: 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter — Signature: [signature] — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: J Snyder — Signature: [signature] — Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313946
Ticket# 679408

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114561
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 10:00:14	SCALE1	LSNYDERS		Gross	60700 lb
Out	02/09/2009 10:00:14		LSNYDERS		Tare	31900 lb
					Net	28800 lb
					Tons	14.40

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	14.40	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000302702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114562 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Labor Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6786 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non Hazardous by DOT Contaminated Soil	001		12+13	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 1026191L

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Schlueter
Signature:
Month: 2 Day: 9 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

5321749

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6780

Ticket# 679494

Customer Name	PANGEA INC PANGEA INC	Carrier	SCHAEFER TRUCKING
Ticket Date	02/09/2009	Vehicle#	10T-T1 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001090
State Waste Code		Gen EPA ID	
Manifest	005114582	Grid	
Destination			
PO			
Profile	102613IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator		Inbound		
In	02/09/2009 10:05:48	SCALE2	SCOLLINS			Gross	62040 lb
Out	02/09/2009 10:05:40		SCOLLINS			Tare	30000 lb
						Net	32040 lb
						Tons	16.02

Comments

Product	LDS	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	16.02	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114563 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 810-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-5738 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd3	ET	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Clyton Bertelsman
Signature:
Month: 02 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: 2 Day: 4 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin 5313855
Ticket# 679514

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114563
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 10:25:39	SCALE1	LSNYDERS		Gross	44680 lb
Out	02/09/2009 10:39:05	SCALE1	LSNYDERS		Tare	22180 lb
					Net	22500 lb
					Tons	11.25

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.25	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114564 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Patore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd 3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 1026194L

INT'L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shenk
Signature
Month 02 Day 09 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Shelton
Signature
Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L. Snyder
Signature
Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313856
Ticket# 679517

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114564
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 100-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 10:28:42	SCALE1	LSNYDERS		Gross	45680 lb
Out	02/09/2009 10:40:22	SCALE1	LSNYDERS		Tare	22440 lb
					Net	23240 lb
					Tons	11.62

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.62	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 13 10:35

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114565 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 810-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1600450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd3	ET	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank | Signature | Month: 02 | Day: 09 | Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X GARY HENSON | Signature | Month: 02 | Day: 09 | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF

5321768

501 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 679539

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114565
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:03:39	SCALE2	SCOLLINS		Gross	67560 lb
Out	02/09/2009 11:03:39		SCOLLINS		Tare	31820 lb
					Net	35740 lb
					Tons	17.87

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	17.87	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 103 10.40

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL D000802702		618-482-6478	005114566 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluria Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Laford Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd3	CT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile, 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob Tobin — Signature — Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313866
Ticket# 679542

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114566
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:07:07	SCALE1	LSNYDERS		Gross	73720 lb
Out	02/09/2009 11:07:07		LSNYDERS		Tare	33960 lb
					Net	39760 lb
					Tons	19.88

Comments

Product		LDX	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	19.88	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 114 1040

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000027032		618-482-6478	00514567 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soutia Inc.
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6708 IL ID # 1630450001
Facility's Phone: — U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter — Signature — Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] — Signature — Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313867
Ticket# 673547

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/09/2009	Vehicle#	40T114 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001090
State Waste Code		Gen EPA ID	
Manifest	005114567	Grid	
Destination			
PO			
Profile	102619IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:11:43	SCALE1	LSNYDERS		Gross	69100 lb
Out	02/09/2009 11:11:43		LSNYDERS		Tare	31900 lb
					Net	37200 lb
					Tons	18.60

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	18.60	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114568 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Estore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12-13	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 10X619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Beth D. Shank
Signature
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

5321773

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 679554

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114568
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T-T1 Volume 18.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:20:23	SCALE2	SCOLLINS		Gross	66620 lb
Out	02/09/2009 11:20:23		SCOLLINS		Tare	30000 lb
					Net	36620 lb
					Tons	18.31

Comments

	Product	LDS	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.31	Tons				IL

Total Fees
Total Ticket

D1403WM=N s Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000902702		618-482-6478	005114569 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Clayton Bertelsman — Signature — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month: 02 Day: 19 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Original

Nilam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

5321774
Ticket# 679556

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 003114569
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing # 0001092
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:28:06	SCALE2	SCOLLINS		Gross	49160 lb
Out	02/09/2009 11:22:06		SCOLLINS		Tare	22180 lb
					Net	26980 lb
					Tons	13.49

Comments

	Product	LOC	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons	180	13.49	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114570 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7979 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd 3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102618IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank Signature: [signature] Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: x Dennis Shelton Signature: [signature] Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [signature] Signature: [signature] Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313874
Ticket# 679563

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114570
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 11:27:04	SCALE1	LSNYDERS		Gross	45000 lb
Out	02/09/2009 11:27:04		LSNYDERS		Tare	22440 lb
					Net	23360 lb
					Tons	11.68

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.68	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114571 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-8545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month Day Year: 02 09 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X. GARY HENSON
Signature
Month Day Year: 02 09 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year: 02 10 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Original

5321020

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6780

Ticket# 679549

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114571
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:57:12	SCALE2	SCOLLINS		Gross	65200 lb
Out	02/09/2009 12:57:12		SCOLLINS		Tare	31820 lb
					Net	33400 lb
					Tons	16.74

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	16.74	Tons				IL

Total Fees
Total Ticket

C403WM-N s Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILC000502702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114572 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Laidore Trucking (618) 810-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bob Tobin
Signature:
Month: 2 Day: 9 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.
Printed/Typed Name:
Signature:
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313893
Ticket# 679650

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114572
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:58:49	SCALE1	LSNYDERS		Gross	71900 lb
Out	02/09/2009 12:58:49		LSNYDERS		Tare	33960 lb
					Net	37940 lb
					Tons	18.97

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.97	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114573 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Larore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-8765 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd3	BT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank
Signature
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ryan Schlemmer
Signature
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: J Snyder
Signature
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313890
Ticket# 679640

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114573
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 100-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T1 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:47:08	SCALE1	LSNYDERS		Gross	61040 lb
Out	02/09/2009 12:47:08		LSNYDERS		Tare	29660 lb
					Net	31380 lb
					Tons	15.69

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	15.69	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114574 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Labore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RLF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102618IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Allen Richter — Signature — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Snyder S — Signature — Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313887
Ticket# 679632

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114574
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:41:57	SCALE1	LSNYDERS		Gross	70400 lb
Out	02/09/2009 12:41:57		LSNYDERS		Tare	31900 lb
					Net	38500 lb
					Tons	19.25

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons- 100		19.25	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114575 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluta Inc
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Jot Hazardous by DOT Contaminated Soil	001		8 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matthew Bertelsman — Signature — Month: 2 Day: 5 Year: 9

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

5321815

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 679641

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114575
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing #: 0001050
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:50:23	SCALE2	SCOLLINS		Gross	49360 lb
Out	02/09/2009 12:50:23		SCOLLINS		Tare	22180 lb
					Net	27180 lb
					Tons	13.59

Comments

Product	LOC	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	13.59	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114576 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluna Inc
500 Monsanto Ave
Sauget IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 810-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RLF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		3yd3	CY	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026191

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature: [signature] — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Shannon — Signature: [signature] — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Sanders — Signature: [signature] — Month: 2 Day: 10 Year: 09

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313891
Ticket# 679645

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114576
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 0.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 12:53:07	SCALE1	LSNYDERS		Gross	42380 lb
Out	02/09/2009 12:53:07		LSNYDERS		Tare	22440 lb
					Net	19940 lb
					Tons	9.97

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	9.97	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114577 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Miliam RLF
901 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (If any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott D. Shunk — Signature: [signature] — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter — Signature: [signature] — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 2 Day: 17 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin 5313913
Ticket# 679673

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114577
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 13:36:41	SCALE1	LSNYDERS		Gross	70340 lb
Out	02/09/2009 13:36:41		LSNYDERS		Tare	31900 lb
					Net	38440 lb
					Tons	19.22

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	19.22	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000902702		618-482-6478	005114578 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Cafora Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RLF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shunk
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan Schlemmer
Signature:
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313916
Ticket# 679680

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114578
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T1
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

Volume 12.0

	Time	Scale	Operator	Inbound		
In	02/09/2009 13:41:45	SCALE1	LSNYDERS		Gross	65780 lb
Out	02/09/2009 13:41:45		LSNYDERS		Tare	29660 lb
					Net	36120 lb
					Tons	18.06

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.06	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: LD009802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114579 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Miami RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6783 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd3	CY	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shunk
Signature:
Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Clayton Bertelsman
Signature:
Month 02 Day 15 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: J Snyder S
Signature:
Month 02 Day 16 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6780

Origin 5313918
Ticket# 679685

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114579
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 13:45:13	SCALE1	LSNYDERS		Gross	43720 lb
Out	02/09/2009 13:45:13		LSNYDERS		Tare	22180 lb
					Net	21540 lb
					Tons	10.77

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons- 100		10.77	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114580 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RLF
601 Madison Rd
East St Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shuck — Signature — Month 02 Day 09 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: XDennis Shelton — Signature — Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Sanders — Signature — Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6708

Origina5313920
Ticket# 679690

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114500
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 100-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 0.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 13:48:12	SCALE1	LSNYDERS		Gross	45200 lb
Out	02/09/2009 13:48:12		LSNYDERS		Tare	22440 lb
					Net	22760 lb
					Tons	11.38

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons~	100	11.38	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114581 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7928 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201
Facility's Phone: (618) 271-6788 IL ID # 1630450001
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 1026191

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank
Signature:
Month Day Year: 02 09 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X GARY HENSON
Signature:
Month Day Year: 02 09 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: X
Signature:
Month Day Year: 2 6 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Original

5321830

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 679698

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/09/2009	Vehicle#	41T113 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001090
State Waste Code		Gen EPA ID	
Manifest	005114581	Grid	
Destination			
PO			
Profile	102619IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/09/2009 13:56:23	SCALE2	SCOLLINS		Gross	64440 lb
Out	02/09/2009 13:56:23		SCOLLINS		Tare	31820 lb
					Net	32620 lb
					Tons	16.31

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	16.31	Tons				IL

Total Fees
Total Ticket

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114582 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Laidre Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shunk
Signature
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Rob Tobin
Signature
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Snyders
Signature
Month: 2 Day: 7 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
6Ø1 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313925
Ticket# 679705

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114582
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:01:55	SCALE1	LSNYDERS		Gross	63640 lb
Out	02/09/2009 14:01:55		LSNYDERS		Tare	33960 lb
					Net	29680 lb
					Tons	14.84

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	14.84	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114583 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-0545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	CT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

INT'L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 02 Day: 09 Year: 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter
Signature:
Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Sanders
Signature:
Month: 2 Day: 4 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6708

Original 5313934
Ticket# 679721

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114583
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:27:19	SCALE1	LSNYDERS		Gross	70080 lb
Out	02/09/2009 14:27:19		LSNYDERS		Tare	31900 lb
					Net	38180 lb
					Tons	19.09

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	19.09	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000602702		618-482-6478	005114584 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Gafore Trucking (618) 610-7929 IL ID # 5014 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
901 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone: — U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shmk — Signature — Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan Schleemann — Signature — Month: 2 Day: 9 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month: 02 Day: 09 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313941
Ticket# 679729

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114584
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T-T1 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:36:46	SCALE1	SCOLLINS		Gross	63180 lb
Out	02/09/2009 14:36:46		SCOLLINS		Tare	30000 lb
					Net	33180 lb
					Tons	16.59

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	16.59	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL0000802732
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114585 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: K Clayton Bertelsman
Signature
Month: 2 Day: 9 Year:
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month: 2 Day: 17 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313942
Ticket# 679730

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114505
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:38:37	SCALE1	SCOLLINS		Gross	49380 lb
Out	02/09/2009 14:38:37		SCOLLINS		Tare	22180 lb
					Net	27200 lb
					Tons	13.60

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	13.60	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114586 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Estes Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd 3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shmk
Signature:
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dennis Shelton
Signature:
Month: 2 Day: 9 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month: 2 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313944
Ticket# 679732

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114586
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator			
In	02/09/2009 14:41:10	SCALE1	SCOLLINS	Inbound	Gross	45840 lb
Out	02/09/2009 14:41:10		SCOLLINS		Tare	22440 lb
					Net	23400 lb
					Tons	11.70

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.70	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114587 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6738 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Lot Hazardous by DOT Contaminated Soil	001		12 yd³	CT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank
Signature
Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X GARY HENSON
Signature
Month: 02 Day: 09 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: 02 Day: 10 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313949
Ticket# 579741

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114587
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:48:47	SCALE1	SCOLLINS		Gross	70400 lb
Out	02/09/2009 14:48:47		SCOLLINS		Tare	31820 lb
					Net	38580 lb
					Tons	19.29

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	19.29	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114588 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LaRoe Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd3	BT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello
Signature
Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob Tobin
Signature
Month 2 Day 9 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month 2 Day 9 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin 5313955
Ticket# 679748

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114588
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 14:56:51	SCALE1	SCOLLINS		Gross	56860 lb
Out	02/09/2009 14:56:51		SCOLLINS		Tare	23960 lb
					Net	32900 lb
					Tons	16.45

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	16.45	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114589 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 510-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	CY	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Allen Richter | Signature | Month: 2 | Day: 9 | Year: 09

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month: 2 | Day: 10 | Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original Ticket# 679784 53139978

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114589
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:30:05	SCALE1	SCOLLINS		Gross	66900 lb
Out	02/09/2009 15:30:05		SCOLLINS		Tare	31900 lb
					Net	35000 lb
					Tons	17.50

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	17.50	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000302702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114590 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6787 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello
Signature: Tom Castello
Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor Lindelsmon
Signature:
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year 12 7 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313987
Ticket# 679799

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114590
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 36 Volume 10.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:42:05	SCALE1	SCOLLINS		Gross	44820 lb
Out	02/09/2009 15:42:05		SCOLLINS		Tare	22180 lb
					Net	22640 lb
					Tons	11.32

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.32	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114591 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 810-7929 IL ID # 5014 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone: — U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: J. Ryan Schlemmer — Signature — Month: 2 — Day: 9 — Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month: 2 — Day: 9 — Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin 5313985
Ticket# 679795

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 00511459
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier SCHAEFER TRUCKING
Vehicle# 10T-T1 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:39:06	SCALE1	SCOLLINS		Gross	64760 lb
Out	02/09/2009 15:39:06		SCOLLINS		Tare	30000 lb
					Net	34760 lb
					Tons	17.38

Comments

	Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	17.38	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114592 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Ladore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Miam ROF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		8 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello
Signature: Tom Castello
Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dennis Shelton
Signature: Dennis Shelton
Month: 2 Day: 9 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year: 2 9 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin 5313388
Ticket# 679800

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114592
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:43:28	SCALE1	SCOLLINS		Gross	42720 lb
Out	02/09/2009 15:43:28		SCOLLINS		Tare	22440 lb
					Net	20280 lb
					Tons	10.14

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	10.14	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000902702		618-482-6478	005114593 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6738 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Jot Hazardous by DOT Contaminated Soil	001		12 yd³		
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank Signature: [signature] Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tom Costello Signature: [signature] Month: Day: Year:

Transporter 2 Printed/Typed Name: Rob Tobi Signature: [signature] Month: 2 Day: 9 Year: 09

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [signature] Signature: [signature] Month: 04 Day: 09 Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5313994
Ticket# 679805

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/09/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114593
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:52:22	SCALE1	SCOLLINS		Gross	63040 lb
Out	02/09/2009 15:52:22		SCOLLINS		Tare	33960 lb
					Net	29080 lb
					Tons	14.54

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	14.54	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114594 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Ladue Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam ROF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-6768 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello Signature: Tom Castello Month: 02 Day: 09 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: XGARY HENSON Signature: Gary Henson Month: 02 Day: 09 Year: 09

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: 02 Day: 9 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Origin# 5313993
Ticket# 679804

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/09/2009	Vehicle#	41T113 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	00001090
State Waste Code		Gen EPA ID	
Manifest	005114534	Grid	
Destination			
PO			
Profile	102619IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/09/2009 15:50:37	SCALE1	SCOLLINS		Gross	63100 lb
Out	02/09/2009 15:50:37		SCOLLINS		Tare	31820 lb
					Net	31280 lb
					Tons	15.64

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	15.64	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

2/10/09

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 002173992 JJK

GENERATOR

5. Generator's Name and Mailing Address: Solutia Inc / 500 monsanto Ave. Sauget, IL 62206
Generator's Site Address (if different than mailing address)
Generator's Phone: 618-482-6545

6. Transporter 1 Company Name: LA Ford Truck ... 618-610-8129 ILD 5041
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Milam RDF / 601 Madison Rd / East St louis IL 62201 618-271-6788 ILID# 1630450001
U.S. EPA ID Number
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT Hazardous by DOT contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4. 511466 3 532942			11. FZ		

14. Special Handling Instructions and Additional Information
193.94

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month: 02 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob Tobin
Signature
Month: 2 Day: 10 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Original

5321904

Alias RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 5000653

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 002173992
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 12:03:58	SCALE2	SCOLLINS		Gross	69960 lb
Out	02/10/2009 12:09:58		SCOLLINS		Tare	33960 lb
					Net	36000 lb
					Tons	18.00

Comments

Product		LDX	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.00	Tons				IL

Total Fees
Total Ticket

D403WM-N's Signature

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 002173993 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget IL 62206
Generator's Phone: 618-482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking 618-610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
m.lam RDF
601 Madison Rd.
East St Louis IL 62201
Facility's Phone: 618-271-6788
IL ID # 1630450001
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month: 02 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter
Signature
Month: 02 Day: 10 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: 02 Day: 10 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Driver's Signature

WASTE MANAGEMENT

5321918

Milam RDF

Original

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Ticket# 680087

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/10/2009	Vehicle#	40T114 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001000
State Waste Code		Gen EPA ID	
Manifest	002173993	Grid	
Destination			
PO			
Profile	102613IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/10/2009 12:39:16	SCALE2	SCOLLINS		Gross	62080 lb
Out	02/10/2009 12:39:16		SCOLLINS		Tare	31900 lb
					Net	30180 lb
					Tons	15.09

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons	100	15.09	Tons				IL

Total Fees
Total Ticket

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 002173994 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget IL 62206
Generator's Phone: 618-482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking 618-610-7929 IL ID# 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St Louis IL 62201
Facility's Phone: 618-271-6788
IL ID# 1630450001
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month 02 Day 10 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: GARY HENSON
Signature: Gary Henson
Month 02 Day 10 Year 09
Transporter 2 Printed/Typed Name:
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month 02 Day 10 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

er's Signature

WASTE MANAGEMENT

5321919

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Ticket# 680090

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/10/2009	Vehicle#	41T113 Volume 12.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001090
State Waste Code		Gen EPA ID	
Manifest	0021739994	Grid	
Destination			
PO			
Profile	1026191L (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/10/2009 12:44:42	SCALE2	SCOLLINS		Gross	66520 lb
Out	02/10/2009 12:44:42		SCOLLINS		Tare	31820 lb
					Net	34700 lb
					Tons	17.35

Comments

Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	17.35	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

99

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114602 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Elsore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6798 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 x 1 3	CY	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month 12 Day 10 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gary Henson
Signature
Month 12 Day 10 Year 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month 12 Day 10 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF

5321998

Ticket# 680016

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114602
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 11:11:03	SCALE2	SCOLLINS		Gross	69440 lb
Out	02/10/2009 11:11:03		SCOLLINS		Tare	31920 lb
					Net	37520 lb
					Tons	18.81

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons	100	18.81	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL0000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114595 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Richt D. Shank
Signature
Month: 2 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Allan Richter
Signature
Month: 2 Day: 10 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Snyder S
Signature
Month: 2 Day: 10 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5325048
Ticket# 679911

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114595
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 08:40:13	SCALE1	LSNYDERS		Gross	67040 lb
Out	02/10/2009 08:40:13		LSNYDERS		Tare	31900 lb
					Net	35140 lb
					Tons	17.57

Comments

Product		LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	17.57	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114596 JJK

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6783 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd^3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature: [signature]
Month 02 Day 10 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: x GARY HENSON
Signature: Gary Henson
Month 02 Day 10 Year 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [signature]
Signature: [signature]
Month 2 Day 10 Year 09

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5325049
Ticket# 679916

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114596
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 41T113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator			
In	02/10/2009 08:49:39	SCALE1	LSNYDERS	Inbound	Gross	54040 lb
Out	02/10/2009 08:49:39		LSNYDERS		Tare	31820 lb
					Net	22220 lb
					Tons	11.11

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	11.11	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000802702		618-482-6478	005114597 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave.
Sauget, IL 62206

Generator's Site Address (if different than mailing address)

Generator's Phone: (618) 482-6545

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	CT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026198L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank — Signature: [signature] — Month: 2 — Day: 10 — Year: 09

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rob Tobin — Signature: [signature] — Month: 2 — Day: 10 — Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: D Snyder S — Signature: [signature] — Month: 2 — Day: 10 — Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6708

Original 5325050
Ticket# 679919

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114597
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTTA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 00010090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 09:55:46	SCALE1	LSNYDERS		Gross	61940 lb
Out	02/10/2009 08:55:46		LSNYDERS		Tare	33960 lb
					Net	27980 lb
					Tons	13.99

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	13.99	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000902702		618-482-6478	005114598 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (915) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Clark Trucking (618) 510-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name
Same

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (613) 271-6738 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd 6 Ton	01	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank | Signature: BDS | Month: 2 | Day: 10 | Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Billue | Signature | Month: 2 | Day: 10 | Year: 09

Transporter 2 Printed/Typed Name: Allan Richter | Signature: Allan Richter | Month: 2 | Day: 10 | Year: 09

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: L Snyders | Signature | Month: 2 | Day: 10 | Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5325069
Ticket# 679959

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114598
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T114 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator			
In	02/10/2009 09:53:10	SCALE1	LSNYDERS	Inbound	Gross	65480 lb
Out	02/10/2009 09:53:10		LSNYDERS		Tare	31900 lb
					Net	33580 lb
					Tons	16.79

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
i Special Misc-Tons- 100		16.79	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618-482-6478
4. Manifest Tracking Number: 005114599 JJK

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7929 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12 yd³	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature: [signature]
Month 2 Day 10 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ~~X Dennis Shaw Clo~~ [signature]
Signature: [signature]
Month 2 Day 10 Year 09

Transporter 2 Printed/Typed Name: X GARY HENSON
Signature: Gary Henson
Month 02 Day 10 Year 09

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [signature]
Signature: [signature]
Month 2 Day 10 Year 09

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Original

5321874

Milsa RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 879967

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114599
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 417113 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen SPA ID
Grid

	Time	Scale	Operator			
In	02/10/2009 10:00:38	SCALE2	SCOLLINS	Inbound	Gross	64780 lb
Out	02/10/2009 10:00:38		SCOLLINS		Tare	31820 lb
					Net	32960 lb
					Tons	16.48

Comments

Product		LDS	Qty	UOM	Rate	Fee	Amount	Origin
3	Special Misc-Tons-	100	16.48	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD000802702
2. Page 1 of
3. Emergency Response Phone: 618 482-6478
4. Manifest Tracking Number: 005114600 JJK

GENERATOR

5. Generator's Name and Mailing Address
Soluna Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Lafore Trucking (618) 610-7926 IL ID # 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St Louis, IL 62201 (618) 271-6738 IL ID # 1630450001
Facility's Phone:
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12yd 18 Ton	ST	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile 1026191L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature
Month 2 Day 10 Year 09

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name
Signature
Month 2 Day 10 Year 09

Transporter 2 Printed/Typed Name: Bob Tobin
Signature
Month 2 Day 10 Year 09

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: L Snyder S
Signature
Month 2 Day 10 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5325076
Ticket# 679979

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114600
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 100-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 39T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 10:17:24	SCALE1	LSNYDERS		Gross	74960 lb
Out	02/10/2009 10:17:24		LSNYDERS		Tare	33960 lb
					Net	41000 lb
					Tons	20.50

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	20.50	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	005114601 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget, IL 62206
Generator's Phone: (618) 482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 619-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd.
East St. Louis, IL 62201 (618) 271-6788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		12-d3	ST	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shank
Signature:
Month: 2 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter
Signature:
Month: 2 Day: 10 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Driver's Signature

WASTE MANAGEMENT

Milsa RDF

5321891

501 Madison
East St Louis, IL, 62201
Ph: (618) 271-6780

Ticket# 590001

Customer Name	PANGEA INC PANGEA INC	Carrier	LA FORE LAFORE TRUCK SERVICE INC
Ticket Date	02/10/2009	Vehicle#	407114 Volume 18.0
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001090
State Waste Code		Gen EPA ID	
Manifest	005114601	Grid	
Destination			
PO			
Profile	102619IL (CONTAMINATED SOIL)		
Generator	180-SOLUTIA SOLUTIA-SAUGET		

	Time	Scale	Operator	Inbound		
In	02/10/2009 10:51:19	SCALE2	SCOLLINS		Gross	65360 lb
Out	02/10/2009 10:51:19		SCOLLINS		Tare	31900 lb
					Net	33460 lb
					Tons	16.73

Comments

	Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	16.73	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000802702		618-482-6478	005114603 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc
500 Monsanto Ave
Sauget, IL 62206 (618) 482-6545
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Lafore Trucking (618) 610-7929 IL ID # 5014

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St. Louis, IL 62201 (618) 271-0788 IL ID # 1630450001
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not Hazardous by DOT Contaminated Soil	001		6yd 3	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile: 102619IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Tom Castello Signature: Month 2 Day 10 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rob Tobin Signature: Month 2 Day 10 Year 09

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month 2 Day 10 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

5321942

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Ticket# 600121

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/10/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 005114603
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 30T103 Volume 12.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/10/2009 13:27:24	SCALE2	SCOLLINS		Gross	57000 lb
Out	02/10/2009 13:27:24		SCOLLINS		Tare	33960 lb
					Net	23040 lb
					Tons	11.52

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	11.52	Tons				IL

Total Fees
Total Ticket

D403WM-N Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	002173995 JJK

GENERATOR

5. Generator's Name and Mailing Address
Solutia Inc.
500 Monsanto Ave.
Sauget IL 62206 618-482-6545

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Lafore Trucking 618-610-7929 IL ID # 5014 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Milam RDF
601 Madison Rd
East St Louis 62201 618-271-6788
IL ID # 1630450001

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT Hazardous by DOT Contaminated Soil	001			DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
102619 IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brett D. Shenk — Signature — Month 02 Day 10 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Shelton — Signature — Month 12 Day 12 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year 12 17 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original Ticket# 5325327

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/12/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 002173995
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/12/2009 13:26:49	SCALE1	SCOLLINS		Gross	57680 lb*
Out	02/12/2009 13:26:49		SCOLLINS		Tare	22440 lb*
			* Manual Weight		Net	35240 lb
					Tons	17.62

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	17.62	Tons				IL

Total Fees
Total Ticket

Driver's Signature

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
ILD000802702		618-482-6478	002173996 JJK

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA INC,
500 MONSANTO AVE
SAUGET, IL 62206
Generator's Phone: 618-482-6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LA FORE TRUCKING 618-610-7929 IL ID# 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILAM RFD
601 MADISON RD
EAST ST. LOUIS IL. 62201
Facility's Phone: 618-271-6788
IL. ID# 163045001
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT HAZARDOUS BY DOT CONTAMINATED SOIL	001	YD	8	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WASTE PROFILE # 102619 IL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank
Signature:
Month: 02 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Shelton
Signature:
Month: 2 Day: 12 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: 2 Day: 12 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Type)
s for each waste and the appropriate abbreviation from Table I

MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6788

Original 5325348
Ticket# 680796

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/12/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 002173996
Destination
PO
Profile 1026191L (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/12/2009 14:23:56	SCALE1	SCOLLINS		Gross	54560
Out	02/12/2009 14:23:56		SCOLLINS		Tare	22440
					Net	32120
					Tons	16.

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons-	100	16.06	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ILD 000802702
2. Page 1 of
3. Emergency Response Phone: 618.482.6478
4. Manifest Tracking Number: 002173998 JJK

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA INC
500 MONSANTO AVE
SAUGET IL 62206
Generator's Phone: 618.482.6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LA FORE TRUCKING 618.610.7929 IL ID# 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILAM RFD
601 MADISON RD
EAST ST LOUIS IL 62201
IL ID# 1630450001
Facility's Phone: 618.271.6788
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT HAZARDOUS BY DOT CONTAMINATED SOIL	001	YD	8	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WASTE PROFILE # 102619 IL.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shunk
Signature
Month: 02 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dennis Shelton
Signature
Month: 2 Day: 12 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: 2 Day: 17 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

Milam RDF
601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6780

Original
Ticket# 5325361

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/12/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 002173998
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 35 Volume 8.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/12/2009 15:20:21	SCALE1	SCOLLINS		Gross	59600 I
Out	02/12/2009 15:20:21		SCOLLINS		Tare	22440 I
					Net	37160 I
					Tons	18.5

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons-	100	18.58	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

102619 IL

Please print or type: (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	ILD 006802702		618.482.6478	002173997 JJK

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA INC
500 MONSANTO AVE
SAUGET IL 62206
Generator's Phone: 618.482.6545

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LA FORE TRUCKING 618.610.7929 IL ID# 5014
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILAM RFD
601 MADISON RD
EAST ST. LOUIS, IL. 62201
IL. ID# 1630450001
Facility's Phone: 618.271.6788
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NOT HAZARDOUS BY DOT CONTAMINATED SOIL/DEBRIS	001	YD	8	DT	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WASTE PROFILE # 102619 IL.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Britt D. Shank
Signature
Month: 02 Day: 10 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Allan Richter
Signature
Month: 2 Day: 17 Year: 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

ach waste and the appropriate abbreviation from Table I

CONTAINERS

5322371

Milam RDF

601 Madison
East St Louis, IL, 62201
Ph: (618) 271-6700

Ticket# 681706

Customer Name PANGEA INC PANGEA INC
Ticket Date 02/17/2009
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 002173997
Destination
PO
Profile 102619IL (CONTAMINATED SOIL)
Generator 180-SOLUTIA SOLUTIA-SAUGET

Carrier LA FORE LAFORE TRUCK SERVICE INC
Vehicle# 40T102 Volume 20.0
Container
Driver
Check#
Billing # 0001090
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	02/17/2009 10:56:46	SCALE2	SCOLLINS		Gross	40280 lb
Out	02/17/2009 10:56:46		SCOLLINS		Tare	33160 lb
					Net	7120 lb
					Tons	3.56

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Special Misc-Tons	100	3.56	Tons				IL

Total Fees
Total Ticket

Driver's Signature

403WM-N

ATTACHMENT C
BACKFILL MATERIAL INFORMATION

SCI ENGINEERING, INC.

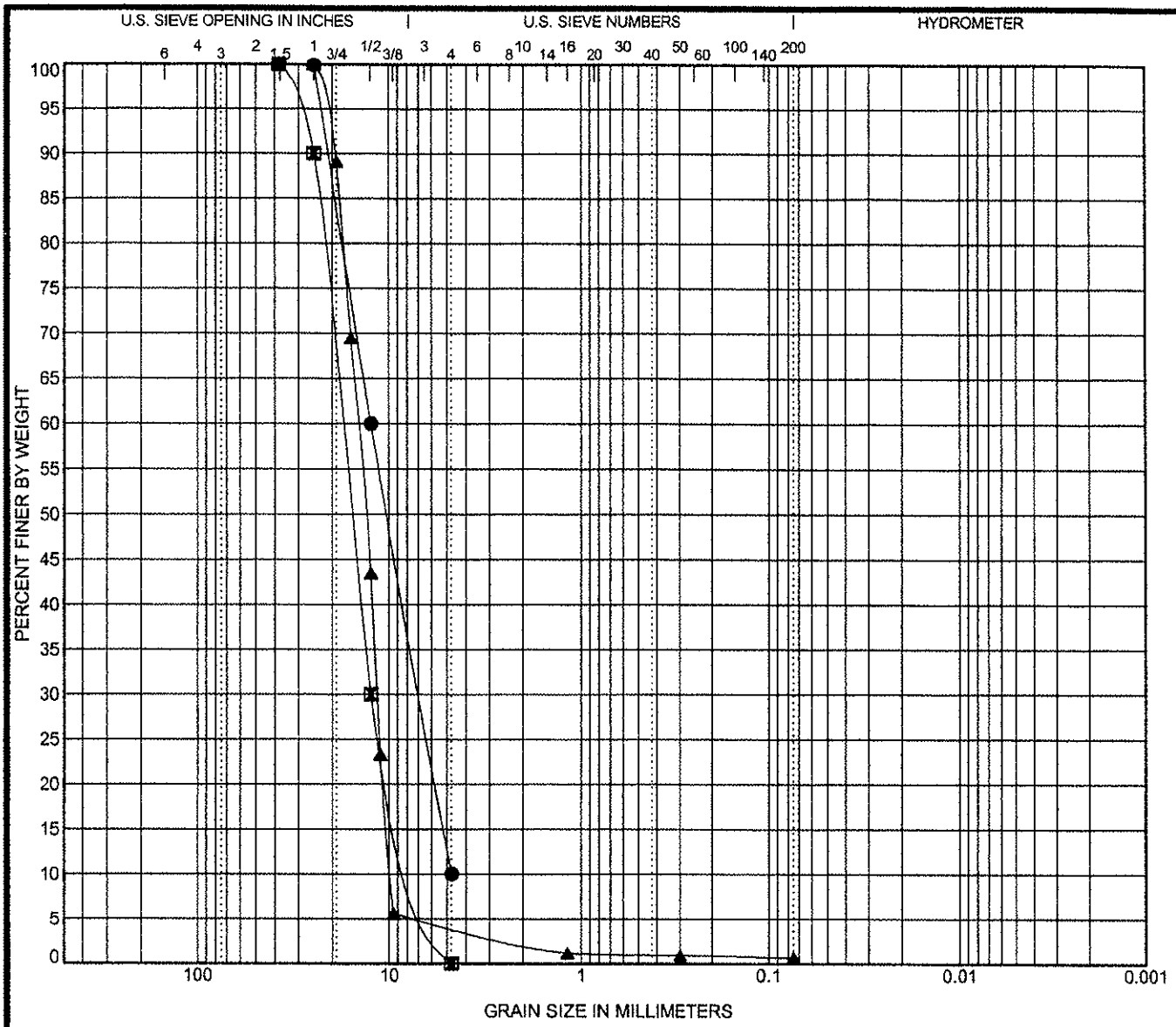
CONSULTANTS IN DEVELOPMENT,
DESIGN AND CONSTRUCTION
GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

Sieve Analysis - Gradation by Weight
Solutia Chrlor/Alky Remediation
SCI No. 2009-3040.00
Falling Springs Quarry - CM7

Moisture Content	
Wet Weight (g)	7177.0
Tare No.:	B-1
Tare Weight (gms):	504.0
Dry Weight (gms):	6673.0
%Moisture	8.2

Sample Received: 2/10/2009
Sample Tested: 2/10/2009

U.S. Standard Sieve Size	Weight Retained (grams)	Cumulative Weight Retained (grams)	Cumulative Percent Retained	Percent Passing	Specification Percent Passing
1.5 inch	0	0	0	100	100
1 inch	0	0	0	100	90-100
3/4 inch	726	726	11	89	-
5/8 inch	1308	2034	30	70	-
1/2 inch	1738	3772	57	43	30-60
3/8 inch	1346	5118	77	23	-
No. 4	1182	6300	94	6	0-10
No. 16	295	6595	99	1	-
No. 50	16	6611	99	1	-
No. 200	21.5	6633	99	1	-
Pan	40.0	6673	100	0	-



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	**Max Spec**	**0**					**0.82**	**2.63**
⊠	**Min Spec**	**0**					**1.35**	**2.70**
▲	**Sample**	**0**					**0.93**	**1.48**

	Specimen ID		Date	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	**Max Spec**	**0**	**2/10/2009**	**38.1**	**12.5**	**6.995**	**4.75**	**90.0**			
⊠	**Min Spec**	**0**	**2/10/2009**	**38.1**	**17.678**	**12.5**	**6.558**	**100.0**			
▲	**Sample**	**0**	**2/10/2009**	**25**	**14.62**	**11.616**	**9.897**	**95.9**	**3.5**	**0.6**	

SCI Engineering, Inc.
650 Pierce Blvd.
O'Fallon, Illinois 62269
Telephone: 618-624-6969
Fax: 618-624-7099

GRAIN SIZE DISTRIBUTION

Project Name: Solutia Chrlor/Alky Remediation

Contract No: Sauget, Illinois
SCI Project No.: 2009-3040.00

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria IL 61612-9071
309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

		Result	Units	Date/Time	Analyst
Sample Preparation				19-Jan-09 12:00	AMG2
SM (18) 2540B		**Result**	**Units**	**Date/Time**	**Analyst**
Moisture		1.5	%	19-Jan-09 11:42	jrb
SM 4500-CN C, G		**Result**	**Units**	**Date/Time**	**Analyst**
Cyanide, Total	<	1.2	mg/kg	27-Jan-09 14:54	lgalr
Cyanide, Total	<	1.3	mg/kg Dry	27-Jan-09 14:54	lgalr
SW-846 3051		**Result**	**Units**	**Date/Time**	**Analyst**
Sample Preparation				23-Jan-09 10:00	BAB
SW-846 6010B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
Aluminum		310	mg/kg	27-Jan-09 10:00	KJP
Aluminum		310	mg/kg Dry	27-Jan-09 10:00	KJP
Iron		770	mg/kg	27-Jan-09 10:00	KJP
Iron		780	mg/kg Dry	27-Jan-09 10:00	KJP
SW-846 6020		**Result**	**Units**	**Date/Time**	**Analyst**
Antimony	<	3	mg/kg	28-Jan-09 9:47	JMW
Antimony	<	3	mg/kg Dry	28-Jan-09 9:47	JMW
Arsenic	<	1	mg/kg	28-Jan-09 9:47	JMW
Arsenic	<	1	mg/kg Dry	28-Jan-09 9:47	JMW
Barium		8.6	mg/kg	28-Jan-09 9:47	JMW
Barium		8.7	mg/kg Dry	28-Jan-09 9:47	JMW
Beryllium	<	1	mg/kg	28-Jan-09 9:47	JMW
Beryllium	<	1	mg/kg Dry	28-Jan-09 9:47	JMW
Cadmium	<	1	mg/kg	28-Jan-09 9:47	JMW
Cadmium	<	1	mg/kg Dry	28-Jan-09 9:47	JMW
Calcium		310000	mg/kg	28-Jan-09 9:47	JMW
Calcium		310000	mg/kg Dry	28-Jan-09 9:47	JMW
Chromium		5	mg/kg	28-Jan-09 9:47	JMW
Chromium		5	mg/kg Dry	28-Jan-09 9:47	JMW
Cobalt	<	2	mg/kg	28-Jan-09 9:47	JMW
Cobalt	<	2	mg/kg Dry	28-Jan-09 9:47	JMW

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
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ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 6020		Result	Units	Date/Time	Analyst
Copper	<	3	mg/kg	29-Jan-09 8:22	JMW
Copper	<	3	mg/kg Dry	29-Jan-09 8:22	JMW
Lead		1.3	mg/kg	28-Jan-09 9:47	JMW
Lead		1.4	mg/kg Dry	28-Jan-09 9:47	JMW
Magnesium		17000	mg/kg	28-Jan-09 9:47	JMW
Magnesium		17000	mg/kg Dry	28-Jan-09 9:47	JMW
Manganese		59	mg/kg	28-Jan-09 9:47	JMW
Manganese		60	mg/kg Dry	28-Jan-09 9:47	JMW
Mercury	<	0.2	mg/kg	28-Jan-09 9:47	JMW
Mercury	<	0.2	mg/kg Dry	28-Jan-09 9:47	JMW
Nickel		20	mg/kg	28-Jan-09 9:47	JMW
Nickel		21	mg/kg Dry	28-Jan-09 9:47	JMW
Potassium		200	mg/kg	28-Jan-09 9:47	JMW
Potassium		200	mg/kg Dry	28-Jan-09 9:47	JMW
Selenium	<	1	mg/kg	28-Jan-09 9:47	JMW
Selenium	<	1	mg/kg Dry	28-Jan-09 9:47	JMW
Silver	<	5	mg/kg	28-Jan-09 9:47	JMW
Silver	<	5.1	mg/kg Dry	28-Jan-09 9:47	JMW
Sodium		160	mg/kg	28-Jan-09 9:47	JMW
Sodium		170	mg/kg Dry	28-Jan-09 9:47	JMW
Thallium	<	1	mg/kg	28-Jan-09 9:47	JMW
Thallium	<	1	mg/kg Dry	28-Jan-09 9:47	JMW
Vanadium	<	5	mg/kg	28-Jan-09 9:47	JMW
Vanadium	<	5.1	mg/kg Dry	28-Jan-09 9:47	JMW
Zinc		21	mg/kg	28-Jan-09 9:47	JMW
Zinc		22	mg/kg Dry	28-Jan-09 9:47	JMW

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
4,4'-DDD	<	16	ug/kg	22-Jan-09 2:19	JMT
4,4'-DDE	Q<	16	ug/kg	22-Jan-09 2:19	JMT
4,4'-DDT	<	16	ug/kg	22-Jan-09 2:19	JMT
Aldrin	<	8	ug/kg	22-Jan-09 2:19	JMT
alpha-BHC	<	0.35	ug/kg	22-Jan-09 2:19	JMT

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
beta-BHC	<	8	ug/kg	22-Jan-09 2:19	JMT
Chlordane (technical)	<	160	ug/kg	22-Jan-09 2:19	JMT
delta-BHC	<	8	ug/kg	22-Jan-09 2:19	JMT
Dieldrin	<	2	ug/kg	22-Jan-09 2:19	JMT
Endosulfan I	<	8	ug/kg	22-Jan-09 2:19	JMT
Endosulfan II	<	16	ug/kg	22-Jan-09 2:19	JMT
Endosulfan Sulfate	<	16	ug/kg	22-Jan-09 2:19	JMT
Endrin	<	16	ug/kg	22-Jan-09 2:19	JMT
Endrin Aldehyde	Q<	16	ug/kg	22-Jan-09 2:19	JMT
gamma-BHC (Lindane)	<	5	ug/kg	22-Jan-09 2:19	JMT
Heptachlor	<	8	ug/kg	22-Jan-09 2:19	JMT
Heptachlor Epoxide	<	8	ug/kg	22-Jan-09 2:19	JMT
Methoxychlor	<	80	ug/kg	22-Jan-09 2:19	JMT
Toxaphene	<	80	ug/kg	22-Jan-09 2:19	JMT

SW-846 8082	Result	Units	Date/Time	Analyst
Sample Preparation			19-Jan-09 12:00	AMG2

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
Aroclor 1016	<	0.08	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1016	<	0.081	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1221	<	0.16	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1221	<	0.16	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1232	<	0.08	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1232	<	0.081	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1242	<	0.08	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1242	<	0.081	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1248	<	0.08	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1248	<	0.081	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1254	<	0.16	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1254	<	0.16	mg/kg Dry	21-Jan-09 22:22	JMT
Aroclor 1260	<	0.16	mg/kg	21-Jan-09 22:22	JMT
Aroclor 1260	<	0.16	mg/kg Dry	21-Jan-09 22:22	JMT
PCBs Total	<	0.8	mg/kg	21-Jan-09 22:22	JMT

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ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
PCBs Total	<	0.81	mg/kg Dry	21-Jan-09 22:22	JMT

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
1,1,1-Trichloroethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,1,1-Trichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,1,2,2-Tetrachloroethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,1,2,2-Tetrachloroethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,1,2-Trichloroethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,1,2-Trichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,1-Dichloroethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,1-Dichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,1-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,1-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,2-Dichloroethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,2-Dichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
1,2-Dichloropropane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
1,2-Dichloropropane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
2-Butanone	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
2-Butanone	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
2-Hexanone	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
2-Hexanone	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
4-Methyl-2-pentanone	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
4-Methyl-2-pentanone	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
Acetone	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Acetone	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
Benzene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Benzene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Bromodichloromethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Bromodichloromethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Bromoform	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Bromoform	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Bromomethane	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Bromomethane	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG

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St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Carbon Disulfide	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Carbon Disulfide	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Carbon Tetrachloride	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Carbon Tetrachloride	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Chlorobenzene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Chlorobenzene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Chloroethane	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Chloroethane	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
Chloroform	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Chloroform	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Chloromethane	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Chloromethane	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
cis-1,2-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
cis-1,2-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
cis-1,3-Dichloropropene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
cis-1,3-Dichloropropene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Dibromochloromethane	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Dibromochloromethane	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Ethylbenzene	<	0.0018	mg/kg	20-Jan-09 13:56	AMG
Ethylbenzene	<	0.0018	mg/kg Dry	20-Jan-09 13:56	AMG
m,p-Xylene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
m,p-Xylene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Methylene Chloride	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Methylene Chloride	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Methyl-tert-Butyl Ether	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Methyl-tert-Butyl Ether	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
o-Xylene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
o-Xylene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Styrene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Styrene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Tetrachloroethene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Tetrachloroethene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Toluene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG

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Pangea, Inc
2604 S. Jefferson Ave.

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Attn: Mr. Scott Ely

Date Received: 19-Jan-09
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Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Toluene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
trans-1,2-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
trans-1,2-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
trans-1,3-Dichloropropene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
trans-1,3-Dichloropropene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Trichloroethene	<	0.0044	mg/kg	20-Jan-09 13:56	AMG
Trichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 13:56	AMG
Vinyl Chloride	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Vinyl Chloride	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG
Xylenes (Total)	<	0.0088	mg/kg	20-Jan-09 13:56	AMG
Xylenes (Total)	<	0.0089	mg/kg Dry	20-Jan-09 13:56	AMG

SW-846 8270C	Result	Units	Date/Time	Analyst
Sample Preparation			19-Jan-09 11:55	AMG2
Sample Preparation			22-Jan-09 11:45	AMG2

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
1,2,4-Trichlorobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
1,2,4-Trichlorobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
1,2-Dichlorobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
1,2-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
1,3-Dichlorobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
1,3-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
1,4-Dichlorobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
1,4-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2,4,5-Trichlorophenol	<	1600	ug/kg	23-Jan-09 20:58	PSB
2,4,5-Trichlorophenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
2,4,6-Trichlorophenol	<	330	ug/kg	23-Jan-09 20:58	PSB
2,4,6-Trichlorophenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2,4-Dichlorophenol	<	330	ug/kg	23-Jan-09 20:58	PSB
2,4-Dichlorophenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2,4-Dimethylphenol	<	330	ug/kg	23-Jan-09 20:58	PSB
2,4-Dimethylphenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2,4-Dinitrophenol	<	1600	ug/kg	23-Jan-09 20:58	PSB

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
2,4-Dinitrophenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
2,4-Dinitrotoluene	<	330	ug/kg	23-Jan-09 20:58	PSB
2,4-Dinitrotoluene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2,6-Dinitrotoluene	<	330	ug/kg	23-Jan-09 20:58	PSB
2,6-Dinitrotoluene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2-Chloronaphthalene	<	330	ug/kg	23-Jan-09 20:58	PSB
2-Chloronaphthalene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2-Chlorophenol	<	330	ug/kg	23-Jan-09 20:58	PSB
2-Chlorophenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2-Methylnaphthalene	<	330	ug/kg	23-Jan-09 20:58	PSB
2-Methylnaphthalene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2-Methylphenol	<	330	ug/kg	23-Jan-09 20:58	PSB
2-Methylphenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
2-Nitroaniline	<	1600	ug/kg	23-Jan-09 20:58	PSB
2-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
2-Nitrophenol	<	1600	ug/kg	23-Jan-09 20:58	PSB
2-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
3,3'-Dichlorobenzidine	<	660	ug/kg	23-Jan-09 20:58	PSB
3,3'-Dichlorobenzidine	<	670	ug/kg Dry	23-Jan-09 20:58	PSB
3-Nitroaniline	<	1600	ug/kg	23-Jan-09 20:58	PSB
3-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
4,6-Dinitro-2-methylphenol	<	1600	ug/kg	23-Jan-09 20:58	PSB
4,6-Dinitro-2-methylphenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
4-Bromophenyl-phenylether	<	330	ug/kg	23-Jan-09 20:58	PSB
4-Bromophenyl-phenylether	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg	23-Jan-09 20:58	PSB
4-Chloro-3-Methylphenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
4-Chloroaniline	<	330	ug/kg	23-Jan-09 20:58	PSB
4-Chloroaniline	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg	23-Jan-09 20:58	PSB
4-Chlorophenyl-phenyl Ether	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
4-Methylphenol	<	330	ug/kg	23-Jan-09 20:58	PSB
4-Methylphenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB

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ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
4-Nitroaniline	<	1600	ug/kg	23-Jan-09 20:58	PSB
4-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
4-Nitrophenol	<	1600	ug/kg	23-Jan-09 20:58	PSB
4-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
Acenaphthene	<	330	ug/kg	23-Jan-09 20:58	PSB
Acenaphthene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Acenaphthylene	<	330	ug/kg	23-Jan-09 20:58	PSB
Acenaphthylene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Anthracene	<	330	ug/kg	23-Jan-09 20:58	PSB
Anthracene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Benzo(a)anthracene	<	330	ug/kg	23-Jan-09 20:58	PSB
Benzo(a)anthracene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Benzo(a)pyrene	<	330	ug/kg	23-Jan-09 20:58	PSB
Benzo(a)pyrene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Benzo(b)fluoranthene	<	330	ug/kg	23-Jan-09 20:58	PSB
Benzo(b)fluoranthene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Benzo(g,h,i)perylene	<	330	ug/kg	23-Jan-09 20:58	PSB
Benzo(g,h,i)perylene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Benzo(k)fluoranthene	<	330	ug/kg	23-Jan-09 20:58	PSB
Benzo(k)fluoranthene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg	23-Jan-09 20:58	PSB
bis(2-Chloroethoxy)methane	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg	23-Jan-09 20:58	PSB
bis(2-Chloroethyl) Ether	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg	23-Jan-09 20:58	PSB
Bis(2-chloroisopropyl)ether	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
bis(2-Ethylhexyl)phthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Butylbenzylphthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
Butylbenzylphthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Chrysene	<	330	ug/kg	23-Jan-09 20:58	PSB
Chrysene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Dibenzo(a,h)anthracene	<	330	ug/kg	23-Jan-09 20:58	PSB

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
Dibenzo(a,h)anthracene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Dibenzofuran	<	330	ug/kg	23-Jan-09 20:58	PSB
Dibenzofuran	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Diethylphthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
Diethylphthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Dimethylphthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
Dimethylphthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Di-n-Butylphthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
Di-n-Butylphthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Di-n-octylphthalate	<	330	ug/kg	23-Jan-09 20:58	PSB
Di-n-octylphthalate	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Fluoranthene	<	330	ug/kg	23-Jan-09 20:58	PSB
Fluoranthene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Fluorene	<	330	ug/kg	23-Jan-09 20:58	PSB
Fluorene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Hexachlorobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
Hexachlorobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Hexachlorobutadiene	<	330	ug/kg	23-Jan-09 20:58	PSB
Hexachlorobutadiene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Hexachlorocyclopentadiene	<	330	ug/kg	23-Jan-09 20:58	PSB
Hexachlorocyclopentadiene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Hexachloroethane	<	330	ug/kg	23-Jan-09 20:58	PSB
Hexachloroethane	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg	23-Jan-09 20:58	PSB
Indeno(1,2,3-cd)pyrene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Isophorone	<	330	ug/kg	23-Jan-09 20:58	PSB
Isophorone	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Naphthalene	<	330	ug/kg	23-Jan-09 20:58	PSB
Naphthalene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Nitrobenzene	<	330	ug/kg	23-Jan-09 20:58	PSB
Nitrobenzene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg	23-Jan-09 20:58	PSB
N-Nitroso-di-n-propylamine	<	340	ug/kg Dry	23-Jan-09 20:58	PSB

PDC Laboratories, Inc.
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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-1 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #1 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
N-Nitrosodiphenylamine	<	330	ug/kg	23-Jan-09 20:58	PSB
N-Nitrosodiphenylamine	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Pentachlorophenol	<	1600	ug/kg	23-Jan-09 20:58	PSB
Pentachlorophenol	<	1700	ug/kg Dry	23-Jan-09 20:58	PSB
Phenanthrene	<	330	ug/kg	23-Jan-09 20:58	PSB
Phenanthrene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Phenol	<	330	ug/kg	23-Jan-09 20:58	PSB
Phenol	<	340	ug/kg Dry	23-Jan-09 20:58	PSB
Pyrene	<	330	ug/kg	23-Jan-09 20:58	PSB
Pyrene	<	340	ug/kg Dry	23-Jan-09 20:58	PSB

SW-846 9045 C	Result	Units	Date/Time	Analyst
pH	8.83	units	20-Jan-09 14:35	WRW

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

		Result	Units	Date/Time	Analyst
Sample Preparation				19-Jan-09 12:00	AMG2
SM (18) 2540B		**Result**	**Units**	**Date/Time**	**Analyst**
Moisture		1.6	%	19-Jan-09 11:44	jrb
SM 4500-CN C, G		**Result**	**Units**	**Date/Time**	**Analyst**
Cyanide, Total	<	1.2	mg/kg	27-Jan-09 14:55	lgalr
Cyanide, Total	<	1.3	mg/kg Dry	27-Jan-09 14:55	lgalr
SW-846 3051		**Result**	**Units**	**Date/Time**	**Analyst**
Sample Preparation				23-Jan-09 10:00	BAB
SW-846 6010B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
Aluminum		310	mg/kg	27-Jan-09 10:00	KJP
Aluminum		320	mg/kg Dry	27-Jan-09 10:00	KJP
Iron		800	mg/kg	27-Jan-09 10:00	KJP
Iron		810	mg/kg Dry	27-Jan-09 10:00	KJP
SW-846 6020		**Result**	**Units**	**Date/Time**	**Analyst**
Antimony	<	3	mg/kg	28-Jan-09 9:53	JMW
Antimony	<	3	mg/kg Dry	28-Jan-09 9:53	JMW
Arsenic	<	1	mg/kg	28-Jan-09 9:53	JMW
Arsenic	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Barium		8.1	mg/kg	28-Jan-09 9:53	JMW
Barium		8.3	mg/kg Dry	28-Jan-09 9:53	JMW
Beryllium	<	1	mg/kg	28-Jan-09 9:53	JMW
Beryllium	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Cadmium	<	1	mg/kg	28-Jan-09 9:53	JMW
Cadmium	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Calcium		290000	mg/kg	28-Jan-09 9:53	JMW
Calcium		300000	mg/kg Dry	28-Jan-09 9:53	JMW
Chromium		4.7	mg/kg	28-Jan-09 9:53	JMW
Chromium		4.8	mg/kg Dry	28-Jan-09 9:53	JMW
Cobalt	<	2	mg/kg	28-Jan-09 9:53	JMW
Cobalt	<	2	mg/kg Dry	28-Jan-09 9:53	JMW

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 6020		Result	Units	Date/Time	Analyst
Copper	<	3	mg/kg	29-Jan-09 8:25	JMW
Copper	<	3	mg/kg Dry	29-Jan-09 8:25	JMW
Lead	<	1	mg/kg	28-Jan-09 9:53	JMW
Lead	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Magnesium		17000	mg/kg	28-Jan-09 9:53	JMW
Magnesium		18000	mg/kg Dry	28-Jan-09 9:53	JMW
Manganese		56	mg/kg	28-Jan-09 9:53	JMW
Manganese		57	mg/kg Dry	28-Jan-09 9:53	JMW
Mercury	<	0.2	mg/kg	28-Jan-09 9:53	JMW
Mercury	<	0.2	mg/kg Dry	28-Jan-09 9:53	JMW
Nickel		20	mg/kg	28-Jan-09 9:53	JMW
Nickel		20	mg/kg Dry	28-Jan-09 9:53	JMW
Potassium		210	mg/kg	28-Jan-09 9:53	JMW
Potassium		220	mg/kg Dry	28-Jan-09 9:53	JMW
Selenium	<	1	mg/kg	28-Jan-09 9:53	JMW
Selenium	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Silver	<	5	mg/kg	28-Jan-09 9:53	JMW
Silver	<	5.1	mg/kg Dry	28-Jan-09 9:53	JMW
Sodium		160	mg/kg	28-Jan-09 9:53	JMW
Sodium		160	mg/kg Dry	28-Jan-09 9:53	JMW
Thallium	<	1	mg/kg	28-Jan-09 9:53	JMW
Thallium	<	1	mg/kg Dry	28-Jan-09 9:53	JMW
Vanadium	<	5	mg/kg	28-Jan-09 9:53	JMW
Vanadium	<	5.1	mg/kg Dry	28-Jan-09 9:53	JMW
Zinc		14	mg/kg	28-Jan-09 9:53	JMW
Zinc		14	mg/kg Dry	28-Jan-09 9:53	JMW

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
4,4'-DDD	<	16	ug/kg	22-Jan-09 2:42	JMT
4,4'-DDE	Q<	16	ug/kg	22-Jan-09 2:42	JMT
4,4'-DDT	<	16	ug/kg	22-Jan-09 2:42	JMT
Aldrin	<	8	ug/kg	22-Jan-09 2:42	JMT
alpha-BHC	<	0.35	ug/kg	22-Jan-09 2:42	JMT

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
beta-BHC	<	8	ug/kg	22-Jan-09 2:42	JMT
Chlordane (technical)	<	160	ug/kg	22-Jan-09 2:42	JMT
delta-BHC	<	8	ug/kg	22-Jan-09 2:42	JMT
Dieldrin	<	2	ug/kg	22-Jan-09 2:42	JMT
Endosulfan I	<	8	ug/kg	22-Jan-09 2:42	JMT
Endosulfan II	<	16	ug/kg	22-Jan-09 2:42	JMT
Endosulfan Sulfate	<	16	ug/kg	22-Jan-09 2:42	JMT
Endrin	<	16	ug/kg	22-Jan-09 2:42	JMT
Endrin Aldehyde	Q<	16	ug/kg	22-Jan-09 2:42	JMT
gamma-BHC (Lindane)	<	5	ug/kg	22-Jan-09 2:42	JMT
Heptachlor	<	8	ug/kg	22-Jan-09 2:42	JMT
Heptachlor Epoxide	<	8	ug/kg	22-Jan-09 2:42	JMT
Methoxychlor	<	80	ug/kg	22-Jan-09 2:42	JMT
Toxaphene	<	80	ug/kg	22-Jan-09 2:42	JMT

SW-846 8082	Result	Units	Date/Time	Analyst
Sample Preparation			19-Jan-09 12:00	AMG2

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
Aroclor 1016	<	0.08	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1016	<	0.081	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1221	<	0.16	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1221	<	0.16	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1232	<	0.08	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1232	<	0.081	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1242	<	0.08	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1242	<	0.081	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1248	<	0.08	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1248	<	0.081	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1254	<	0.16	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1254	<	0.16	mg/kg Dry	21-Jan-09 22:57	JMT
Aroclor 1260	<	0.16	mg/kg	21-Jan-09 22:57	JMT
Aroclor 1260	<	0.16	mg/kg Dry	21-Jan-09 22:57	JMT
PCBs Total	<	0.8	mg/kg	21-Jan-09 22:57	JMT

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) [illegible]

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

		Result	Units	Date/Time	Analyst
SW-846 8082 R0.0					
PCBs Total	<	0.81	mg/kg Dry	21-Jan-09 22:57	JMT
SW-846 8260B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
1,1,1-Trichloroethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,1,1-Trichloroethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,1,2,2-Tetrachloroethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,1,2,2-Tetrachloroethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,1,2-Trichloroethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,1,2-Trichloroethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,1-Dichloroethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,1-Dichloroethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,1-Dichloroethene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,1-Dichloroethene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,2-Dichloroethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,2-Dichloroethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
1,2-Dichloropropane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
1,2-Dichloropropane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
2-Butanone	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
2-Butanone	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
2-Hexanone	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
2-Hexanone	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
4-Methyl-2-pentanone	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
4-Methyl-2-pentanone	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
Acetone	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Acetone	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
Benzene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Benzene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Bromodichloromethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Bromodichloromethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Bromoform	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Bromoform	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Bromomethane	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Bromomethane	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Carbon Disulfide	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Carbon Disulfide	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Carbon Tetrachloride	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Carbon Tetrachloride	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Chlorobenzene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Chlorobenzene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Chloroethane	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Chloroethane	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
Chloroform	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Chloroform	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Chloromethane	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Chloromethane	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
cis-1,2-Dichloroethene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
cis-1,2-Dichloroethene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
cis-1,3-Dichloropropene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
cis-1,3-Dichloropropene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Dibromochloromethane	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Dibromochloromethane	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Ethylbenzene	<	0.0018	mg/kg	20-Jan-09 14:27	AMG
Ethylbenzene	<	0.0018	mg/kg Dry	20-Jan-09 14:27	AMG
m,p-Xylene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
m,p-Xylene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Methylene Chloride	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Methylene Chloride	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Methyl-tert-Butyl Ether	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Methyl-tert-Butyl Ether	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
o-Xylene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
o-Xylene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Styrene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Styrene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Tetrachloroethene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Tetrachloroethene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Toluene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Toluene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
trans-1,2-Dichloroethene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
trans-1,2-Dichloroethene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
trans-1,3-Dichloropropene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
trans-1,3-Dichloropropene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Trichloroethene	<	0.0046	mg/kg	20-Jan-09 14:27	AMG
Trichloroethene	<	0.0047	mg/kg Dry	20-Jan-09 14:27	AMG
Vinyl Chloride	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Vinyl Chloride	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG
Xylenes (Total)	<	0.0091	mg/kg	20-Jan-09 14:27	AMG
Xylenes (Total)	<	0.0092	mg/kg Dry	20-Jan-09 14:27	AMG

SW-846 8270C		Result	Units	Date/Time	Analyst
Sample Preparation				22-Jan-09 11:45	AMG2
Sample Preparation				19-Jan-09 11:55	AMG2

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
1,2,4-Trichlorobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
1,2,4-Trichlorobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
1,2-Dichlorobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
1,2-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
1,3-Dichlorobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
1,3-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
1,4-Dichlorobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
1,4-Dichlorobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2,4,5-Trichlorophenol	<	1600	ug/kg	23-Jan-09 21:31	PSB
2,4,5-Trichlorophenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
2,4,6-Trichlorophenol	<	330	ug/kg	23-Jan-09 21:31	PSB
2,4,6-Trichlorophenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2,4-Dichlorophenol	<	330	ug/kg	23-Jan-09 21:31	PSB
2,4-Dichlorophenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2,4-Dimethylphenol	<	330	ug/kg	23-Jan-09 21:31	PSB
2,4-Dimethylphenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2,4-Dinitrophenol	<	1600	ug/kg	23-Jan-09 21:31	PSB

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
2,4-Dinitrophenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
2,4-Dinitrotoluene	<	330	ug/kg	23-Jan-09 21:31	PSB
2,4-Dinitrotoluene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2,6-Dinitrotoluene	<	330	ug/kg	23-Jan-09 21:31	PSB
2,6-Dinitrotoluene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2-Chloronaphthalene	<	330	ug/kg	23-Jan-09 21:31	PSB
2-Chloronaphthalene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2-Chlorophenol	<	330	ug/kg	23-Jan-09 21:31	PSB
2-Chlorophenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2-Methylnaphthalene	<	330	ug/kg	23-Jan-09 21:31	PSB
2-Methylnaphthalene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2-Methylphenol	<	330	ug/kg	23-Jan-09 21:31	PSB
2-Methylphenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
2-Nitroaniline	<	1600	ug/kg	23-Jan-09 21:31	PSB
2-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
2-Nitrophenol	<	1600	ug/kg	23-Jan-09 21:31	PSB
2-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
3,3'-Dichlorobenzidine	<	660	ug/kg	23-Jan-09 21:31	PSB
3,3'-Dichlorobenzidine	<	670	ug/kg Dry	23-Jan-09 21:31	PSB
3-Nitroaniline	<	1600	ug/kg	23-Jan-09 21:31	PSB
3-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
4,6-Dinitro-2-methylphenol	<	1600	ug/kg	23-Jan-09 21:31	PSB
4,6-Dinitro-2-methylphenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
4-Bromophenyl-phenylether	<	330	ug/kg	23-Jan-09 21:31	PSB
4-Bromophenyl-phenylether	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg	23-Jan-09 21:31	PSB
4-Chloro-3-Methylphenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
4-Chloroaniline	<	330	ug/kg	23-Jan-09 21:31	PSB
4-Chloroaniline	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg	23-Jan-09 21:31	PSB
4-Chlorophenyl-phenyl Ether	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
4-Methylphenol	<	330	ug/kg	23-Jan-09 21:31	PSB
4-Methylphenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB

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(309) 692-[illegible] • [illegible] 752-[illegible] • FAX (309) 692-[illegible]

ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
4-Nitroaniline	<	1600	ug/kg	23-Jan-09 21:31	PSB
4-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
4-Nitrophenol	<	1600	ug/kg	23-Jan-09 21:31	PSB
4-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
Acenaphthene	<	330	ug/kg	23-Jan-09 21:31	PSB
Acenaphthene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Acenaphthylene	<	330	ug/kg	23-Jan-09 21:31	PSB
Acenaphthylene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Anthracene	<	330	ug/kg	23-Jan-09 21:31	PSB
Anthracene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Benzo(a)anthracene	<	330	ug/kg	23-Jan-09 21:31	PSB
Benzo(a)anthracene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Benzo(a)pyrene	<	330	ug/kg	23-Jan-09 21:31	PSB
Benzo(a)pyrene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Benzo(b)fluoranthene	<	330	ug/kg	23-Jan-09 21:31	PSB
Benzo(b)fluoranthene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Benzo(g,h,i)perylene	<	330	ug/kg	23-Jan-09 21:31	PSB
Benzo(g,h,i)perylene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Benzo(k)fluoranthene	<	330	ug/kg	23-Jan-09 21:31	PSB
Benzo(k)fluoranthene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg	23-Jan-09 21:31	PSB
bis(2-Chloroethoxy)methane	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg	23-Jan-09 21:31	PSB
bis(2-Chloroethyl) Ether	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg	23-Jan-09 21:31	PSB
Bis(2-chloroisopropyl)ether	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
bis(2-Ethylhexyl)phthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Butylbenzylphthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
Butylbenzylphthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Chrysene	<	330	ug/kg	23-Jan-09 21:31	PSB
Chrysene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Dibenzo(a,h)anthracene	<	330	ug/kg	23-Jan-09 21:31	PSB

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
Dibenzo(a,h)anthracene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Dibenzofuran	<	330	ug/kg	23-Jan-09 21:31	PSB
Dibenzofuran	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Diethylphthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
Diethylphthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Dimethylphthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
Dimethylphthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Di-n-Butylphthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
Di-n-Butylphthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Di-n-octylphthalate	<	330	ug/kg	23-Jan-09 21:31	PSB
Di-n-octylphthalate	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Fluoranthene	<	330	ug/kg	23-Jan-09 21:31	PSB
Fluoranthene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Fluorene	<	330	ug/kg	23-Jan-09 21:31	PSB
Fluorene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Hexachlorobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
Hexachlorobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Hexachlorobutadiene	<	330	ug/kg	23-Jan-09 21:31	PSB
Hexachlorobutadiene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Hexachlorocyclopentadiene	<	330	ug/kg	23-Jan-09 21:31	PSB
Hexachlorocyclopentadiene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Hexachloroethane	<	330	ug/kg	23-Jan-09 21:31	PSB
Hexachloroethane	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg	23-Jan-09 21:31	PSB
Indeno(1,2,3-cd)pyrene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Isophorone	<	330	ug/kg	23-Jan-09 21:31	PSB
Isophorone	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Naphthalene	<	330	ug/kg	23-Jan-09 21:31	PSB
Naphthalene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Nitrobenzene	<	330	ug/kg	23-Jan-09 21:31	PSB
Nitrobenzene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg	23-Jan-09 21:31	PSB
N-Nitroso-di-n-propylamine	<	340	ug/kg Dry	23-Jan-09 21:31	PSB

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-2 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #2 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
N-Nitrosodiphenylamine	<	330	ug/kg	23-Jan-09 21:31	PSB
N-Nitrosodiphenylamine	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Pentachlorophenol	<	1600	ug/kg	23-Jan-09 21:31	PSB
Pentachlorophenol	<	1700	ug/kg Dry	23-Jan-09 21:31	PSB
Phenanthrene	<	330	ug/kg	23-Jan-09 21:31	PSB
Phenanthrene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Phenol	<	330	ug/kg	23-Jan-09 21:31	PSB
Phenol	<	340	ug/kg Dry	23-Jan-09 21:31	PSB
Pyrene	<	330	ug/kg	23-Jan-09 21:31	PSB
Pyrene	<	340	ug/kg Dry	23-Jan-09 21:31	PSB

SW-846 9045 C	Result	Units	Date/Time	Analyst
pH	9.02	units	20-Jan-09 14:37	WRW

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2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

		Result	Units	Date/Time	Analyst
Sample Preparation				19-Jan-09 12:00	AMG2
SM (18) 2540B		**Result**	**Units**	**Date/Time**	**Analyst**
Moisture		1.4	%	19-Jan-09 11:45	jrb
SM 4500-CN C, G		**Result**	**Units**	**Date/Time**	**Analyst**
Cyanide, Total	<	1.2	mg/kg	27-Jan-09 14:56	lgalr
Cyanide, Total	<	1.3	mg/kg Dry	27-Jan-09 14:56	lgalr
SW-846 3051		**Result**	**Units**	**Date/Time**	**Analyst**
Sample Preparation				23-Jan-09 10:00	BAB
SW-846 6010B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
Aluminum		310	mg/kg	27-Jan-09 10:00	KJP
Aluminum		310	mg/kg Dry	27-Jan-09 10:00	KJP
Iron		970	mg/kg	27-Jan-09 10:00	KJP
Iron		980	mg/kg Dry	27-Jan-09 10:00	KJP
SW-846 6020		**Result**	**Units**	**Date/Time**	**Analyst**
Antimony	<	3	mg/kg	28-Jan-09 9:58	JMW
Antimony	<	3	mg/kg Dry	28-Jan-09 9:58	JMW
Arsenic	<	1	mg/kg	28-Jan-09 9:58	JMW
Arsenic	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Barium		8.1	mg/kg	28-Jan-09 9:58	JMW
Barium		8.2	mg/kg Dry	28-Jan-09 9:58	JMW
Beryllium	<	1	mg/kg	28-Jan-09 9:58	JMW
Beryllium	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Cadmium	<	1	mg/kg	28-Jan-09 9:58	JMW
Cadmium	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Calcium		280000	mg/kg	28-Jan-09 9:58	JMW
Calcium		280000	mg/kg Dry	28-Jan-09 9:58	JMW
Chromium		5	mg/kg	28-Jan-09 9:58	JMW
Chromium		5.1	mg/kg Dry	28-Jan-09 9:58	JMW
Cobalt	<	2	mg/kg	28-Jan-09 9:58	JMW
Cobalt	<	2	mg/kg Dry	28-Jan-09 9:58	JMW

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 6020		Result	Units	Date/Time	Analyst
Copper	<	3	mg/kg	29-Jan-09 8:28	JMW
Copper	<	3	mg/kg Dry	29-Jan-09 8:28	JMW
Lead	<	1	mg/kg	28-Jan-09 9:58	JMW
Lead	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Magnesium		20000	mg/kg	28-Jan-09 9:58	JMW
Magnesium		20000	mg/kg Dry	28-Jan-09 9:58	JMW
Manganese		55	mg/kg	28-Jan-09 9:58	JMW
Manganese		56	mg/kg Dry	28-Jan-09 9:58	JMW
Mercury	<	0.2	mg/kg	28-Jan-09 9:58	JMW
Mercury	<	0.2	mg/kg Dry	28-Jan-09 9:58	JMW
Nickel		20	mg/kg	28-Jan-09 9:58	JMW
Nickel		20	mg/kg Dry	28-Jan-09 9:58	JMW
Potassium		220	mg/kg	28-Jan-09 9:58	JMW
Potassium		220	mg/kg Dry	28-Jan-09 9:58	JMW
Selenium	<	1	mg/kg	28-Jan-09 9:58	JMW
Selenium	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Silver	<	5	mg/kg	28-Jan-09 9:58	JMW
Silver	<	5.1	mg/kg Dry	28-Jan-09 9:58	JMW
Sodium		170	mg/kg	28-Jan-09 9:58	JMW
Sodium		180	mg/kg Dry	28-Jan-09 9:58	JMW
Thallium	<	1	mg/kg	28-Jan-09 9:58	JMW
Thallium	<	1	mg/kg Dry	28-Jan-09 9:58	JMW
Vanadium	<	5	mg/kg	28-Jan-09 9:58	JMW
Vanadium	<	5.1	mg/kg Dry	28-Jan-09 9:58	JMW
Zinc		16	mg/kg	28-Jan-09 9:58	JMW
Zinc		16	mg/kg Dry	28-Jan-09 9:58	JMW

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
4,4'-DDD	<	16	ug/kg	22-Jan-09 3:06	JMT
4,4'-DDE	Q<	16	ug/kg	22-Jan-09 3:06	JMT
4,4'-DDT	<	16	ug/kg	22-Jan-09 3:06	JMT
Aldrin	<	8	ug/kg	22-Jan-09 3:06	JMT
alpha-BHC	<	0.35	ug/kg	22-Jan-09 3:06	JMT

PDC Laboratories, Inc.
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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
beta-BHC	<	8	ug/kg	22-Jan-09 3:06	JMT
Chlordane (technical)	<	160	ug/kg	22-Jan-09 3:06	JMT
delta-BHC	<	8	ug/kg	22-Jan-09 3:06	JMT
Dieldrin	<	2	ug/kg	22-Jan-09 3:06	JMT
Endosulfan I	<	8	ug/kg	22-Jan-09 3:06	JMT
Endosulfan II	<	16	ug/kg	22-Jan-09 3:06	JMT
Endosulfan Sulfate	<	16	ug/kg	22-Jan-09 3:06	JMT
Endrin	<	16	ug/kg	22-Jan-09 3:06	JMT
Endrin Aldehyde	Q<	16	ug/kg	22-Jan-09 3:06	JMT
gamma-BHC (Lindane)	<	5	ug/kg	22-Jan-09 3:06	JMT
Heptachlor	<	8	ug/kg	22-Jan-09 3:06	JMT
Heptachlor Epoxide	<	8	ug/kg	22-Jan-09 3:06	JMT
Methoxychlor	<	80	ug/kg	22-Jan-09 3:06	JMT
Toxaphene	<	80	ug/kg	22-Jan-09 3:06	JMT

SW-846 8082	Result	Units	Date/Time	Analyst
Sample Preparation			19-Jan-09 12:00	AMG2

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
Aroclor 1016	<	0.08	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1016	<	0.081	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1221	<	0.16	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1221	<	0.16	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1232	<	0.08	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1232	<	0.081	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1242	<	0.08	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1242	<	0.081	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1248	<	0.08	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1248	<	0.081	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1254	<	0.16	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1254	<	0.16	mg/kg Dry	21-Jan-09 23:31	JMT
Aroclor 1260	<	0.16	mg/kg	21-Jan-09 23:31	JMT
Aroclor 1260	<	0.16	mg/kg Dry	21-Jan-09 23:31	JMT
PCBs Total	<	0.8	mg/kg	21-Jan-09 23:31	JMT

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

		Result	Units	Date/Time	Analyst
SW-846 8082 R0.0					
PCBs Total	<	0.81	mg/kg Dry	21-Jan-09 23:31	JMT
SW-846 8260B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
1,1,1-Trichloroethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,1,1-Trichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,1,2,2-Tetrachloroethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,1,2,2-Tetrachloroethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,1,2-Trichloroethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,1,2-Trichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,1-Dichloroethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,1-Dichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,1-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,1-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,2-Dichloroethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,2-Dichloroethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
1,2-Dichloropropane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
1,2-Dichloropropane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
2-Butanone	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
2-Butanone	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
2-Hexanone	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
2-Hexanone	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
4-Methyl-2-pentanone	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
4-Methyl-2-pentanone	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
Acetone	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Acetone	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
Benzene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Benzene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Bromodichloromethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Bromodichloromethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Bromoform	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Bromoform	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Bromomethane	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Bromomethane	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG

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P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

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2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Carbon Disulfide	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Carbon Disulfide	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Carbon Tetrachloride	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Carbon Tetrachloride	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Chlorobenzene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Chlorobenzene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Chloroethane	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Chloroethane	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
Chloroform	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Chloroform	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Chloromethane	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Chloromethane	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
cis-1,2-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
cis-1,2-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
cis-1,3-Dichloropropene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
cis-1,3-Dichloropropene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Dibromochloromethane	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Dibromochloromethane	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Ethylbenzene	<	0.0017	mg/kg	20-Jan-09 14:59	AMG
Ethylbenzene	<	0.0017	mg/kg Dry	20-Jan-09 14:59	AMG
m,p-Xylene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
m,p-Xylene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Methylene Chloride	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Methylene Chloride	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Methyl-tert-Butyl Ether	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Methyl-tert-Butyl Ether	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
o-Xylene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
o-Xylene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Styrene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Styrene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Tetrachloroethene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Tetrachloroethene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Toluene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG

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(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Toluene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
trans-1,2-Dichloroethene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
trans-1,2-Dichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
trans-1,3-Dichloropropene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
trans-1,3-Dichloropropene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Trichloroethene	<	0.0044	mg/kg	20-Jan-09 14:59	AMG
Trichloroethene	<	0.0045	mg/kg Dry	20-Jan-09 14:59	AMG
Vinyl Chloride	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Vinyl Chloride	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG
Xylenes (Total)	<	0.0087	mg/kg	20-Jan-09 14:59	AMG
Xylenes (Total)	<	0.0088	mg/kg Dry	20-Jan-09 14:59	AMG

SW-846 8270C	Result	Units	Date/Time	Analyst
Sample Preparation			22-Jan-09 11:45	AMG2
Sample Preparation			19-Jan-09 11:55	AMG2

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
1,2,4-Trichlorobenzene	<	330	ug/kg	23-Jan-09 22:04	PSB
1,2,4-Trichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
1,2-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:04	PSB
1,2-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
1,3-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:04	PSB
1,3-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
1,4-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:04	PSB
1,4-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2,4,5-Trichlorophenol	<	1600	ug/kg	23-Jan-09 22:04	PSB
2,4,5-Trichlorophenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
2,4,6-Trichlorophenol	<	330	ug/kg	23-Jan-09 22:04	PSB
2,4,6-Trichlorophenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2,4-Dichlorophenol	<	330	ug/kg	23-Jan-09 22:04	PSB
2,4-Dichlorophenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2,4-Dimethylphenol	<	330	ug/kg	23-Jan-09 22:04	PSB
2,4-Dimethylphenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2,4-Dinitrophenol	<	1600	ug/kg	23-Jan-09 22:04	PSB

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St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
2,4-Dinitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
2,4-Dinitrotoluene	<	330	ug/kg	23-Jan-09 22:04	PSB
2,4-Dinitrotoluene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2,6-Dinitrotoluene	<	330	ug/kg	23-Jan-09 22:04	PSB
2,6-Dinitrotoluene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2-Chloronaphthalene	<	330	ug/kg	23-Jan-09 22:04	PSB
2-Chloronaphthalene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2-Chlorophenol	<	330	ug/kg	23-Jan-09 22:04	PSB
2-Chlorophenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2-Methylnaphthalene	<	330	ug/kg	23-Jan-09 22:04	PSB
2-Methylnaphthalene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2-Methylphenol	<	330	ug/kg	23-Jan-09 22:04	PSB
2-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
2-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:04	PSB
2-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
2-Nitrophenol	<	1600	ug/kg	23-Jan-09 22:04	PSB
2-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
3,3'-Dichlorobenzidine	<	660	ug/kg	23-Jan-09 22:04	PSB
3,3'-Dichlorobenzidine	<	670	ug/kg Dry	23-Jan-09 22:04	PSB
3-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:04	PSB
3-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
4,6-Dinitro-2-methylphenol	<	1600	ug/kg	23-Jan-09 22:04	PSB
4,6-Dinitro-2-methylphenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
4-Bromophenyl-phenylether	<	330	ug/kg	23-Jan-09 22:04	PSB
4-Bromophenyl-phenylether	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg	23-Jan-09 22:04	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
4-Chloroaniline	<	330	ug/kg	23-Jan-09 22:04	PSB
4-Chloroaniline	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg	23-Jan-09 22:04	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
4-Methylphenol	<	330	ug/kg	23-Jan-09 22:04	PSB
4-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB

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P.O. Box 9771 • Peoria, IL 61612-9771
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
4-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:04	PSB
4-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
4-Nitrophenol	<	1600	ug/kg	23-Jan-09 22:04	PSB
4-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
Acenaphthene	<	330	ug/kg	23-Jan-09 22:04	PSB
Acenaphthene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Acenaphthylene	<	330	ug/kg	23-Jan-09 22:04	PSB
Acenaphthylene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Anthracene	<	330	ug/kg	23-Jan-09 22:04	PSB
Anthracene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Benzo(a)anthracene	<	330	ug/kg	23-Jan-09 22:04	PSB
Benzo(a)anthracene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Benzo(a)pyrene	<	330	ug/kg	23-Jan-09 22:04	PSB
Benzo(a)pyrene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Benzo(b)fluoranthene	<	330	ug/kg	23-Jan-09 22:04	PSB
Benzo(b)fluoranthene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Benzo(g,h,i)perylene	<	330	ug/kg	23-Jan-09 22:04	PSB
Benzo(g,h,i)perylene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Benzo(k)fluoranthene	<	330	ug/kg	23-Jan-09 22:04	PSB
Benzo(k)fluoranthene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg	23-Jan-09 22:04	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg	23-Jan-09 22:04	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg	23-Jan-09 22:04	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg	23-Jan-09 22:04	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Butylbenzylphthalate	<	330	ug/kg	23-Jan-09 22:04	PSB
Butylbenzylphthalate	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Chrysene	<	330	ug/kg	23-Jan-09 22:04	PSB
Chrysene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Dibenzo(a,h)anthracene	<	330	ug/kg	23-Jan-09 22:04	PSB

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Attn: Mr. Scott Ely

Date Received: 19-Jan-09
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Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time		Analyst
Dibenzo(a,h)anthracene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Dibenzofuran	<	330	ug/kg	23-Jan-09	22:04	PSB
Dibenzofuran	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Diethylphthalate	<	330	ug/kg	23-Jan-09	22:04	PSB
Diethylphthalate	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Dimethylphthalate	<	330	ug/kg	23-Jan-09	22:04	PSB
Dimethylphthalate	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Di-n-Butylphthalate	<	330	ug/kg	23-Jan-09	22:04	PSB
Di-n-Butylphthalate	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Di-n-octylphthalate	<	330	ug/kg	23-Jan-09	22:04	PSB
Di-n-octylphthalate	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Fluoranthene	<	330	ug/kg	23-Jan-09	22:04	PSB
Fluoranthene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Fluorene	<	330	ug/kg	23-Jan-09	22:04	PSB
Fluorene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Hexachlorobenzene	<	330	ug/kg	23-Jan-09	22:04	PSB
Hexachlorobenzene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Hexachlorobutadiene	<	330	ug/kg	23-Jan-09	22:04	PSB
Hexachlorobutadiene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Hexachlorocyclopentadiene	<	330	ug/kg	23-Jan-09	22:04	PSB
Hexachlorocyclopentadiene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Hexachloroethane	<	330	ug/kg	23-Jan-09	22:04	PSB
Hexachloroethane	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg	23-Jan-09	22:04	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Isophorone	<	330	ug/kg	23-Jan-09	22:04	PSB
Isophorone	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Naphthalene	<	330	ug/kg	23-Jan-09	22:04	PSB
Naphthalene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
Nitrobenzene	<	330	ug/kg	23-Jan-09	22:04	PSB
Nitrobenzene	<	330	ug/kg Dry	23-Jan-09	22:04	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg	23-Jan-09	22:04	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg Dry	23-Jan-09	22:04	PSB

PDC Laboratories, Inc.
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(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-3 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #3 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
N-Nitrosodiphenylamine	<	330	ug/kg	23-Jan-09 22:04	PSB
N-Nitrosodiphenylamine	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Pentachlorophenol	<	1600	ug/kg	23-Jan-09 22:04	PSB
Pentachlorophenol	<	1700	ug/kg Dry	23-Jan-09 22:04	PSB
Phenanthrene	<	330	ug/kg	23-Jan-09 22:04	PSB
Phenanthrene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Phenol	<	330	ug/kg	23-Jan-09 22:04	PSB
Phenol	<	330	ug/kg Dry	23-Jan-09 22:04	PSB
Pyrene	<	330	ug/kg	23-Jan-09 22:04	PSB
Pyrene	<	330	ug/kg Dry	23-Jan-09 22:04	PSB

SW-846 9045 C	Result	Units	Date/Time	Analyst
pH	9.04	units	20-Jan-09 14:39	WRW

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

		Result	Units	Date/Time	Analyst
Sample Preparation				19-Jan-09 12:00	AMG2
SM (18) 2540B		**Result**	**Units**	**Date/Time**	**Analyst**
Moisture		1.4	%	19-Jan-09 11:47	jrb
SM 4500-CN C, G		**Result**	**Units**	**Date/Time**	**Analyst**
Cyanide, Total	<	1.2	mg/kg	27-Jan-09 14:57	lgalr
Cyanide, Total	<	1.3	mg/kg Dry	27-Jan-09 14:57	lgalr
SW-846 3051		**Result**	**Units**	**Date/Time**	**Analyst**
Sample Preparation				23-Jan-09 10:00	BAB
SW-846 6010B R2.0		**Result**	**Units**	**Date/Time**	**Analyst**
Aluminum		390	mg/kg	27-Jan-09 10:00	KJP
Aluminum		400	mg/kg Dry	27-Jan-09 10:00	KJP
Iron		770	mg/kg	27-Jan-09 10:00	KJP
Iron		780	mg/kg Dry	27-Jan-09 10:00	KJP
SW-846 6020		**Result**	**Units**	**Date/Time**	**Analyst**
Antimony	<	3	mg/kg	28-Jan-09 10:04	JMW
Antimony	<	3	mg/kg Dry	28-Jan-09 10:04	JMW
Arsenic	<	1	mg/kg	28-Jan-09 10:04	JMW
Arsenic	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Barium		8.7	mg/kg	28-Jan-09 10:04	JMW
Barium		8.8	mg/kg Dry	28-Jan-09 10:04	JMW
Beryllium	<	1	mg/kg	28-Jan-09 10:04	JMW
Beryllium	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Cadmium	<	1	mg/kg	28-Jan-09 10:04	JMW
Cadmium	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Calcium		310000	mg/kg	28-Jan-09 10:04	JMW
Calcium		320000	mg/kg Dry	28-Jan-09 10:04	JMW
Chromium		6.2	mg/kg	28-Jan-09 10:04	JMW
Chromium		6.2	mg/kg Dry	28-Jan-09 10:04	JMW
Cobalt	<	2	mg/kg	28-Jan-09 10:04	JMW
Cobalt	<	2	mg/kg Dry	28-Jan-09 10:04	JMW

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ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 6020		Result	Units	Date/Time	Analyst
Copper	<	3	mg/kg	29-Jan-09 8:30	JMW
Copper	<	3	mg/kg Dry	29-Jan-09 8:30	JMW
Lead	<	1	mg/kg	28-Jan-09 10:04	JMW
Lead	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Magnesium		16000	mg/kg	28-Jan-09 10:04	JMW
Magnesium		17000	mg/kg Dry	28-Jan-09 10:04	JMW
Manganese		58	mg/kg	28-Jan-09 10:04	JMW
Manganese		59	mg/kg Dry	28-Jan-09 10:04	JMW
Mercury	<	0.2	mg/kg	28-Jan-09 10:04	JMW
Mercury	<	0.2	mg/kg Dry	28-Jan-09 10:04	JMW
Nickel		23	mg/kg	28-Jan-09 10:04	JMW
Nickel		23	mg/kg Dry	28-Jan-09 10:04	JMW
Potassium		270	mg/kg	28-Jan-09 10:04	JMW
Potassium		270	mg/kg Dry	28-Jan-09 10:04	JMW
Selenium	<	1	mg/kg	28-Jan-09 10:04	JMW
Selenium	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Silver	<	5	mg/kg	28-Jan-09 10:04	JMW
Silver	<	5.1	mg/kg Dry	28-Jan-09 10:04	JMW
Sodium		150	mg/kg	28-Jan-09 10:04	JMW
Sodium		160	mg/kg Dry	28-Jan-09 10:04	JMW
Thallium	<	1	mg/kg	28-Jan-09 10:04	JMW
Thallium	<	1	mg/kg Dry	28-Jan-09 10:04	JMW
Vanadium	<	5	mg/kg	28-Jan-09 10:04	JMW
Vanadium	<	5.1	mg/kg Dry	28-Jan-09 10:04	JMW
Zinc		15	mg/kg	28-Jan-09 10:04	JMW
Zinc		15	mg/kg Dry	28-Jan-09 10:04	JMW

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
4,4'-DDD	<	16	ug/kg	22-Jan-09 3:29	JMT
4,4'-DDE	Q<	16	ug/kg	22-Jan-09 3:29	JMT
4,4'-DDT	<	16	ug/kg	22-Jan-09 3:29	JMT
Aldrin	<	8	ug/kg	22-Jan-09 3:29	JMT
alpha-BHC	<	0.35	ug/kg	22-Jan-09 3:29	JMT

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8081A R1.0		Result	Units	Date/Time	Analyst
beta-BHC	<	8	ug/kg	22-Jan-09 3:29	JMT
Chlordane (technical)	<	160	ug/kg	22-Jan-09 3:29	JMT
delta-BHC	<	8	ug/kg	22-Jan-09 3:29	JMT
Dieldrin	<	2	ug/kg	22-Jan-09 3:29	JMT
Endosulfan I	<	8	ug/kg	22-Jan-09 3:29	JMT
Endosulfan II	<	16	ug/kg	22-Jan-09 3:29	JMT
Endosulfan Sulfate	<	16	ug/kg	22-Jan-09 3:29	JMT
Endrin	<	16	ug/kg	22-Jan-09 3:29	JMT
Endrin Aldehyde	Q<	16	ug/kg	22-Jan-09 3:29	JMT
gamma-BHC (Lindane)	<	5	ug/kg	22-Jan-09 3:29	JMT
Heptachlor	<	8	ug/kg	22-Jan-09 3:29	JMT
Heptachlor Epoxide	<	8	ug/kg	22-Jan-09 3:29	JMT
Methoxychlor	<	80	ug/kg	22-Jan-09 3:29	JMT
Toxaphene	<	80	ug/kg	22-Jan-09 3:29	JMT

SW-846 8082	Result	Units	Date/Time	Analyst
Sample Preparation			19-Jan-09 12:00	AMG2

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
Aroclor 1016	<	0.08	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1016	<	0.081	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1221	<	0.16	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1221	<	0.16	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1232	<	0.08	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1232	<	0.081	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1242	<	0.08	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1242	<	0.081	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1248	<	0.08	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1248	<	0.081	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1254	<	0.16	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1254	<	0.16	mg/kg Dry	22-Jan-09 0:06	JMT
Aroclor 1260	<	0.16	mg/kg	22-Jan-09 0:06	JMT
Aroclor 1260	<	0.16	mg/kg Dry	22-Jan-09 0:06	JMT
PCBs Total	<	0.8	mg/kg	22-Jan-09 0:06	JMT

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Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8082 R0.0		Result	Units	Date/Time	Analyst
PCBs Total	<	0.81	mg/kg Dry	22-Jan-09 0:06	JMT

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
1,1,1-Trichloroethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,1,1-Trichloroethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,1,2,2-Tetrachloroethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,1,2,2-Tetrachloroethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,1,2-Trichloroethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,1,2-Trichloroethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,1-Dichloroethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,1-Dichloroethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,1-Dichloroethene	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,1-Dichloroethene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,2-Dichloroethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,2-Dichloroethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
1,2-Dichloropropane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
1,2-Dichloropropane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
2-Butanone	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
2-Butanone	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG
2-Hexanone	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
2-Hexanone	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG
4-Methyl-2-pentanone	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
4-Methyl-2-pentanone	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG
Acetone	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
Acetone	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG
Benzene	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
Benzene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
Bromodichloromethane	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
Bromodichloromethane	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
Bromoform	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
Bromoform	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
Bromomethane	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
Bromomethane	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG

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2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time		Analyst
Carbon Disulfide	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Carbon Disulfide	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Carbon Tetrachloride	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Carbon Tetrachloride	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Chlorobenzene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Chlorobenzene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Chloroethane	<	0.0086	mg/kg	20-Jan-09	15:30	AMG
Chloroethane	<	0.0087	mg/kg Dry	20-Jan-09	15:30	AMG
Chloroform	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Chloroform	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Chloromethane	<	0.0086	mg/kg	20-Jan-09	15:30	AMG
Chloromethane	<	0.0087	mg/kg Dry	20-Jan-09	15:30	AMG
cis-1,2-Dichloroethene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
cis-1,2-Dichloroethene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
cis-1,3-Dichloropropene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
cis-1,3-Dichloropropene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Dibromochloromethane	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Dibromochloromethane	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Ethylbenzene	<	0.0017	mg/kg	20-Jan-09	15:30	AMG
Ethylbenzene	<	0.0017	mg/kg Dry	20-Jan-09	15:30	AMG
m,p-Xylene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
m,p-Xylene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Methylene Chloride	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Methylene Chloride	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Methyl-tert-Butyl Ether	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Methyl-tert-Butyl Ether	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
o-Xylene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
o-Xylene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Styrene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Styrene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Tetrachloroethene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG
Tetrachloroethene	<	0.0044	mg/kg Dry	20-Jan-09	15:30	AMG
Toluene	<	0.0043	mg/kg	20-Jan-09	15:30	AMG

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Attn: Mr. Scott Ely

Date Received: 19-Jan-09
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Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8260B R2.0		Result	Units	Date/Time	Analyst
Toluene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
trans-1,2-Dichloroethene	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
trans-1,2-Dichloroethene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
trans-1,3-Dichloropropene	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
trans-1,3-Dichloropropene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
Trichloroethene	<	0.0043	mg/kg	20-Jan-09 15:30	AMG
Trichloroethene	<	0.0044	mg/kg Dry	20-Jan-09 15:30	AMG
Vinyl Chloride	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
Vinyl Chloride	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG
Xylenes (Total)	<	0.0086	mg/kg	20-Jan-09 15:30	AMG
Xylenes (Total)	<	0.0087	mg/kg Dry	20-Jan-09 15:30	AMG

SW-846 8270C		Result	Units	Date/Time	Analyst
Sample Preparation				19-Jan-09 11:55	AMG2
Sample Preparation				22-Jan-09 11:45	AMG2

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
1,2,4-Trichlorobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
1,2,4-Trichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
1,2-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
1,2-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
1,3-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
1,3-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
1,4-Dichlorobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
1,4-Dichlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2,4,5-Trichlorophenol	<	1600	ug/kg	23-Jan-09 22:37	PSB
2,4,5-Trichlorophenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
2,4,6-Trichlorophenol	<	330	ug/kg	23-Jan-09 22:37	PSB
2,4,6-Trichlorophenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2,4-Dichlorophenol	<	330	ug/kg	23-Jan-09 22:37	PSB
2,4-Dichlorophenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2,4-Dimethylphenol	<	330	ug/kg	23-Jan-09 22:37	PSB
2,4-Dimethylphenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2,4-Dinitrophenol	<	1600	ug/kg	23-Jan-09 22:37	PSB

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Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
2,4-Dinitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
2,4-Dinitrotoluene	<	330	ug/kg	23-Jan-09 22:37	PSB
2,4-Dinitrotoluene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2,6-Dinitrotoluene	<	330	ug/kg	23-Jan-09 22:37	PSB
2,6-Dinitrotoluene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2-Chloronaphthalene	<	330	ug/kg	23-Jan-09 22:37	PSB
2-Chloronaphthalene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2-Chlorophenol	<	330	ug/kg	23-Jan-09 22:37	PSB
2-Chlorophenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2-Methylnaphthalene	<	330	ug/kg	23-Jan-09 22:37	PSB
2-Methylnaphthalene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2-Methylphenol	<	330	ug/kg	23-Jan-09 22:37	PSB
2-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
2-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:37	PSB
2-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
2-Nitrophenol	<	1600	ug/kg	23-Jan-09 22:37	PSB
2-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
3,3'-Dichlorobenzidine	<	660	ug/kg	23-Jan-09 22:37	PSB
3,3'-Dichlorobenzidine	<	670	ug/kg Dry	23-Jan-09 22:37	PSB
3-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:37	PSB
3-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
4,6-Dinitro-2-methylphenol	<	1600	ug/kg	23-Jan-09 22:37	PSB
4,6-Dinitro-2-methylphenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
4-Bromophenyl-phenylether	<	330	ug/kg	23-Jan-09 22:37	PSB
4-Bromophenyl-phenylether	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg	23-Jan-09 22:37	PSB
4-Chloro-3-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
4-Chloroaniline	<	330	ug/kg	23-Jan-09 22:37	PSB
4-Chloroaniline	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg	23-Jan-09 22:37	PSB
4-Chlorophenyl-phenyl Ether	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
4-Methylphenol	<	330	ug/kg	23-Jan-09 22:37	PSB
4-Methylphenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB

PDC Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac

Pangea, Inc
2604 S. Jefferson Ave.

St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
4-Nitroaniline	<	1600	ug/kg	23-Jan-09 22:37	PSB
4-Nitroaniline	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
4-Nitrophenol	<	1600	ug/kg	23-Jan-09 22:37	PSB
4-Nitrophenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
Acenaphthene	<	330	ug/kg	23-Jan-09 22:37	PSB
Acenaphthene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Acenaphthylene	<	330	ug/kg	23-Jan-09 22:37	PSB
Acenaphthylene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Anthracene	<	330	ug/kg	23-Jan-09 22:37	PSB
Anthracene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Benzo(a)anthracene	<	330	ug/kg	23-Jan-09 22:37	PSB
Benzo(a)anthracene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Benzo(a)pyrene	<	330	ug/kg	23-Jan-09 22:37	PSB
Benzo(a)pyrene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Benzo(b)fluoranthene	<	330	ug/kg	23-Jan-09 22:37	PSB
Benzo(b)fluoranthene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Benzo(g,h,i)perylene	<	330	ug/kg	23-Jan-09 22:37	PSB
Benzo(g,h,i)perylene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Benzo(k)fluoranthene	<	330	ug/kg	23-Jan-09 22:37	PSB
Benzo(k)fluoranthene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg	23-Jan-09 22:37	PSB
bis(2-Chloroethoxy)methane	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg	23-Jan-09 22:37	PSB
bis(2-Chloroethyl) Ether	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg	23-Jan-09 22:37	PSB
Bis(2-chloroisopropyl)ether	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
bis(2-Ethylhexyl)phthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Butylbenzylphthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
Butylbenzylphthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Chrysene	<	330	ug/kg	23-Jan-09 22:37	PSB
Chrysene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Dibenzo(a,h)anthracene	<	330	ug/kg	23-Jan-09 22:37	PSB

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St. Louis, MO 63118-1505

Attn: Mr. Scott Ely

Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
Dibenzo(a,h)anthracene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Dibenzofuran	<	330	ug/kg	23-Jan-09 22:37	PSB
Dibenzofuran	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Diethylphthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
Diethylphthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Dimethylphthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
Dimethylphthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Di-n-Butylphthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
Di-n-Butylphthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Di-n-octylphthalate	<	330	ug/kg	23-Jan-09 22:37	PSB
Di-n-octylphthalate	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Fluoranthene	<	330	ug/kg	23-Jan-09 22:37	PSB
Fluoranthene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Fluorene	<	330	ug/kg	23-Jan-09 22:37	PSB
Fluorene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Hexachlorobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
Hexachlorobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Hexachlorobutadiene	<	330	ug/kg	23-Jan-09 22:37	PSB
Hexachlorobutadiene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Hexachlorocyclopentadiene	<	330	ug/kg	23-Jan-09 22:37	PSB
Hexachlorocyclopentadiene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Hexachloroethane	<	330	ug/kg	23-Jan-09 22:37	PSB
Hexachloroethane	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg	23-Jan-09 22:37	PSB
Indeno(1,2,3-cd)pyrene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Isophorone	<	330	ug/kg	23-Jan-09 22:37	PSB
Isophorone	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Naphthalene	<	330	ug/kg	23-Jan-09 22:37	PSB
Naphthalene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Nitrobenzene	<	330	ug/kg	23-Jan-09 22:37	PSB
Nitrobenzene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg	23-Jan-09 22:37	PSB
N-Nitroso-di-n-propylamine	<	330	ug/kg Dry	23-Jan-09 22:37	PSB

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Date Received: 19-Jan-09
Date Reported: 29-Jan-09

Sample No: 09012657-4 Collect Date: 15-Jan-09 15:00
Client Id: CASPER STOLLE Site: QUARRY SAMPLE #4 Locator: GRAB

SW-846 8270C R3.0		Result	Units	Date/Time	Analyst
N-Nitrosodiphenylamine	<	330	ug/kg	23-Jan-09 22:37	PSB
N-Nitrosodiphenylamine	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Pentachlorophenol	<	1600	ug/kg	23-Jan-09 22:37	PSB
Pentachlorophenol	<	1700	ug/kg Dry	23-Jan-09 22:37	PSB
Phenanthrene	<	330	ug/kg	23-Jan-09 22:37	PSB
Phenanthrene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Phenol	<	330	ug/kg	23-Jan-09 22:37	PSB
Phenol	<	330	ug/kg Dry	23-Jan-09 22:37	PSB
Pyrene	<	330	ug/kg	23-Jan-09 22:37	PSB
Pyrene	<	330	ug/kg Dry	23-Jan-09 22:37	PSB

SW-846 9045 C	Result	Units	Date/Time	Analyst
pH	9.05	units	20-Jan-09 14:41	WRW

Certified by: Lisa Grant, Project Manager

PDC Laboratories participates in the following laboratory accreditation/certification and proficiency programs. Endorsement by the Federal or State Government or their agencies is not implied.

NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17533
Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10338); Kentucky (90058); Missouri (00870); Wisconsin (998294430)
Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10338); Wisconsin (99829443
Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10338); Wisconsin (998294430)
UST Certification: Iowa (240)

ATTACHMENT D
BORING LOG,
MONITORING WELL AS-BUILT DIAGRAM,
DEVELOPMENT SHEET

LOG OF BORING
MA-MW01

Completion Date: 2/13/09
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PP, TSF	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							FILL	Loose, gray gravel (FILL)	
	48	30	2.0	0.0			CL	Soft, moist, brown, low plasticity Silty CLAY, with sand and gravel (FILL)	
							SP	Loose, moist, dark brown SAND, with cinders and gravel (FILL)	
			1.5				CL	Medium stiff, moist, medium plasticity Silty CLAY, with sand and gravel (FILL)	
5	48	10	1.5	0.0			CL		Sampler pushed, through 2 1/4" diameter casing, with 1" diameter rods
	48	24	1.5	0.0			CL	Medium stiff, moist, olive gray, medium plasticity, Silty CLAY (CL), trace sand and gravel	
10							SM	Grades to medium dense, moist, olive gray, Silty SAND (SM) ▽	
	48	39	1.0	0.0			CL	Medium stiff, moist, olive gray, medium plasticity, Silty CLAY (CL)	
15			1.5	0.0			ML	Medium stiff, wet, olive gray, Clayey SILT (ML)	
	48	44		0.0			CL	Medium stiff, moist, brownish gray, medium plasticity, Silty CLAY (CL)	
				0.0			SM	Medium dense, wet, brownish gray, Silty SAND (SM), trace clay	
20	48	46		0.0					
				0.1			SP	Dense, wet, gray, fine to medium SAND (SP)	
				0.9					

Completion Depth: ft bgs
Project No.: 21562122.00005
Project Name: Solutia WGK Corrective Measure WP/Monitoring Well Installation
Drilling Contractor: REDI
Drilling method: AMS Powerprobe 9700-VTR
Logged by: Mike Corbett

Water Depth: 13 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG W/POCKET PEN 21562122.00005 WGK.GPJ URSSTLEV.GDT 2/25/09

LOG OF BORING
MA-MW01

Completion Date: 2/13/09
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PP, TSF	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	48		0.4 0.1			SP	Medium dense, wet, brownish gray, Silty SAND (SM), trace clay	
								Bottom of boring 28' bgs	Installed monitoring well to depth of 25.76' bgs
30									
35									
40									
45									

Completion Depth: ft bgs
Project No.: 21562122.00005
Project Name: Solutia WGK Corrective Measure WP/Monitoring Well Installation
Drilling Contractor: REDI
Drilling method: AMS Powerprobe 9700-VTR
Logged by: Mike Corbett

Water Depth: 13 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger- Soil samples not collected
- Geoprobe Macro Sampler
- Air Knife/Hand Auger Sampler
- Air Rotary
- 3" Clear Acetate Liner
- USC based on field visual observations

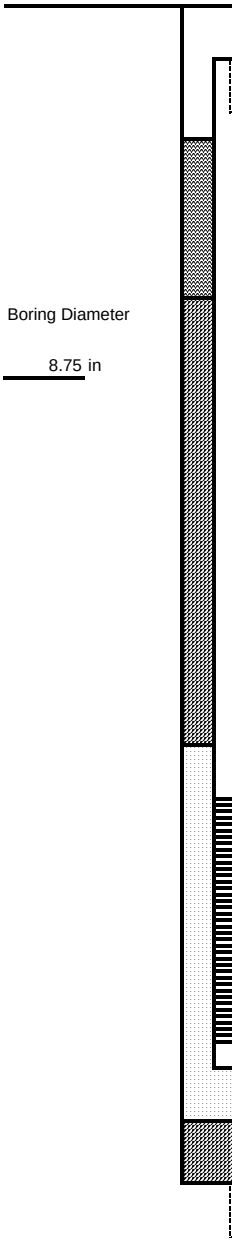
URS

URS (ENVIRON) LOG W/POCKET PEN 21562122.00005 WGK.GPJ URSSTLEV.GDT 2/25/09

Monitoring Well Installation Details
Flush Mount Monitoring Well Construction Diagram

URS Corporation

Project:	Solutia WGK Corrective Measures/Monitoring Well Installation			Well ID:	MA-MW01
Project Location:	Sauget, IL	Date Started:	2/13/2009		
Well Location:	Mercury Area	Date Completed:	2/13/2009	Boring ID:	MA-MW01
Drilling Contractor:	REDI	Time Seal Set:	1130	Northing:	1051.70
Driller:	Eric Wetzel	Type of Rig:	AMS Powerprobe 9700-VTR	Easting:	1017.60
Consulting Firm:	URS Corporation	Drilling Method:	4.25" ID Hollow Stem Auger	Elevation Datum:	
Geologist:	Mike Corbett	Completion Zone:	SHU		



	Depths (ft bgs)	Elevations (ft)
Ground Elevation:	0.00	
Depth of Riser Below Ground:	0.25 ft bgs	
Top of Riser Pipe:		
ID/Type of Surface Casing:	Flush mount	
Type of Surface Seal:	Concrete	
Bottom of Surface Seal:	1.50	
Boring Diameter		
8.75 in		
Groundwater (after completion):	15.47	
Type of Riser Pipe:	Schedule 40 PVC	
Riser Diameter:	2.00 in	
Riser Length:	20.31 ft	
Type of Backfill:	Bentonite chips	
Top of Seal:	1.50	
Type of Seal:	Bentonite chips	
Top of Filter Pack	17.56	
Top of Screen	20.56	
Type of Filter Pack:	12/30 Silica sand	
Type of Screen:	Schedule 40 PVC	
Screen Diameter	2.00 in	
Screen Slot Size:	0.10 in	
Screen Length:	5.00 ft	
Bottom of Screen:	25.56	
Bottom of Blank Casing:	25.76	
Backfill/Seal Below Well:	28.00	
Type of Backfill/Seal Below Well:	Native sand	
Bottom of Boring:	28.00	

DIAGRAM IS NOT TO SCALE

GROUNDWATER DEVELOPMENT/SAMPLING DATA SHEET

PROJECT NAME: WGK Well Installation - Mercury Area **PROJECT NUMBER:** 215621 22.00005
DATE: 2/18/09
WEATHER: sunny, 45°
FIELD PERSONNEL: Mike Corbett (URS)
MONITORING WELL ID: MA-MW01

INITIAL DATA

Well Diameter: 2 in.
Total Depth of Well: 24.75 ft
Depth to Water: 15.22 ft
Height of Water Column: 9.53 ft
1 0.163 gallons/ft for 2 inch well, 0.653 gallons/ft for 4-inch well

Gallons/Lin.Ft': 0.163
Vol. Of Water Column: 1.55 gallons
Min. Purge Volume: 4.65 gallons (3 volumes)
Depth to Top of Screen: 20.51 ft

Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm
LNAPL / DNAPL — ft

PURGE DATA

Purge Method: Super Twister Pump

Purge Volume (gals)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (µmhos/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1330	17.04	brown	none	7.88	14.77	3.231	1,206.1		
10	1335	18.64			7.86	14.83	3.230	1056.7		
20	1340	17.52			7.87	14.89	3.223	906.0		
40*	1350	17.36			7.82	15.01	3.220	119.7		
52	1422	16.55			7.82	15.23	3.218	56.6		
70	1431	16.53			7.82	14.97	3.216	56.4		
80*	1436	↓	↓	↓	7.81	15.55	3.206	43.1		
84	1508				7.81	14.88	3.204	44.7		
88	1510				7.81	14.64	3.200	46.8		
92	1514				7.81	14.88	3.201	42.9		

Start Time: 1330 **Purge Stop Time:** 1522 **Elapsed Time:** 112 minutes **Total Volume Purged:** 100.0 gallons
Average Purge Rate (gallons/min): ~1 gal/min **Well Volumes Purged:** 64.52 **Water Quality Meter ID:** U03135X **Calibrated on:** 2/16/09

SAMPLING DATA

Sampling Method:

Sample Date: — **Sample Time:** — **Analysis:** —

COMMENTS:

*Mobilized to empty development water into drums.
Well surged every 10 gallons with a 5 ft slug.
Final depth to bottom (ft btoc): 25.51 (solid bottom).
0.76 ft of sediment was removed during development.

PURGE DATA CONTINUED:

Purge Volume (mL) gallons	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
94	1516	16.53	brown	none	7.81	14.83	3.199	44.1		
96	1518	↓	↓	↓	7.81	14.82	3.201	43.6		
98	1520				7.81	14.87	3.200	42.7		
100	1522				7.81	14.87	3.199	43.5		

COMMENTS: