June 30, 2017

SENT VIA FEDERAL EXPRESS

Ms. Pamela J. Langston Scully, P.E.
Remedial Project Manager
United States Environmental Protection Agency, Region IV
Atlanta Federal Center
61 Forsyth St.

Atlanta, GA 30303-8960

Re: Maintenance Building Construction Project Completion Report **Errata**
Anniston PCB Site (Docket No. 1:20-cv-0749-KOB); Anniston, Alabama

Dear Ms. Langston Scully:

On behalf of Pharmacia LLC and Solutia Inc. (P/S), as parties to the Partial Consent Decree (PCD) for the Anniston Polychlorinated Biphenyl (PCB) Site, we previously submitted a *Maintenance Building Construction Project Completion Report* (Report) transmitted to the United States Environmental Protection Agency (EPA) on June 22, 2017. The Report as submitted contains minor errors in the text. A corrected version of the full Report is provided as an attachment to this letter.

Sincerely,

E. Gayle Macolly Harris
Manager, Remedial Projects
Solutia Inc.

Attachments

cc: Mr. Fred Denney (City of Oxford)
Mr. Chip Crockett (ADEM)
Mr. G. Douglas Jones, Esq.
Mr. Thomas Dahl

MAINTENANCE BUILDING CONSTRUCTION PROJECT COMPLETION REPORT

ANNISTON PCB SITE
(DOCKET NO. 1:02-cv-749-KOB)

JUNE 2017

Solutia™

MAINTENANCE BUILDING CONSTRUCTION PROJECT COMPLETION REPORT

ANNISTON PCB SITE

(DOCKET NO. 1:02-cv-749-KOB)

June 2017

Revision 1

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Atlanta Federal Center

61 Forsyth Street

Atlanta, Georgia 30303-8960

Prepared by:

SOLUTIA INC.

702 Clydesdale Avenue

Anniston, Alabama 36201

Table of Contents

FIGURE

APPENDICES

1.0 INTRODUCTION

The City of Oxford plans to construct a new maintenance building in an area proximate to Snow Creek in Oxford, Alabama. A portion of this work is being conducted within the 100-year floodplain of Snow Creek. The work will be performed on City of Oxford-owned property along Recreation Drive immediately west of the batting cage and east of the existing tennis courts. Generally, the work will involve the construction of a building and its appurtenances and installation of various utility connections (e.g., sewer, water, electric). The locations of this work are shown on Figure 1.

Solutia Inc., a subsidiary of Eastman Chemical Company, and Monsanto Company (acting on behalf of Pharmacia LLC), collectively referred to as P/S, met with the City of Oxford and its contractor (Morris Construction) to discuss the locations of and sequence of work. Based on existing sampling data as shown on Figure 1 and included in the Preliminary Site Characterization Report for Operable Unit 4 of the Anniston PCB Site, P/S determined that any soil generated would preferentially be disposed at Chemical Waste Management, Inc.'s Toxic Substances Control Act (TSCA) permitted facility located in Emelle, Alabama.

The Maintenance Building Construction Project Support Work Plan (Work Plan) was submitted to the United States Environmental Protection Agency (EPA) on March 10, 2017, and approved by the EPA on March 16, 2017. The Work Plan and approval correspondence are provided in Appendix A. The proposed scope of work generally consisted of the following:

- Excavate and manage polychlorinated biphenyl (PCB) impacted soils located within the footprint of planned utility connections;
- Placement of a 4-ounce marker layer overlain by clean fill in proposed utility connection locations; and
- Provide for off-site disposal of excavated PCB-containing soil at Chemical Waste Management, Inc.'s TSCA-permitted facility located in Emelle, Alabama.

The proposed intrusive work commenced on March 21, 2017 and was completed on April 27, 2017. All intrusive work was performed under the oversight of the EPA in accordance with its Work Plan approval dated March 16, 2017. Representative photographs of work performed are provided in Appendix B. This report documents the scope of work performed, and includes copies of all off-site disposal records. All support work was performed as additional work under Section

VI, paragraph 7 of the 2001 Administrative Order on Consent for Removal Action, which is incorporated as Appendix C of the Partial Consent Decree.

Section 1.0 of this report is an introduction presenting an overview of the project and its components. Section 2.0 describes pre-construction activities undertaken. Section 3.0 describes the actual construction work performed and any deviations from the approved Work Plan. Section 4.0 details post-construction activities that were completed.

2.0 PRE-CONSTRUCTION ACTIVITIES

P/S convened meetings with the City of Oxford and its contractor (Morris Construction) to discuss the proposed scope of work. These meetings formed the basis for support work to be performed by P/S' contractor. The City of Oxford's contractor planned to utilize surge stone to stabilize and provide a structurally sound foundation for the maintenance building. Surge stone was to be placed within the proposed building footprint, and then pushed into the soil with a smooth drum compaction roller. Equipment used to facilitate this work was to be decontaminated immediately following performance of work.

Intrusive work was scheduled to support the following activities and corresponding dimensions:

- 3 Power pole placements – 3 feet by 8 feet per pole
- Sanitary sewer tie-in and pit – 95 feet by 3 feet by 4 feet, and 10 feet by 10 feet by 4 feet, respectively
- Drop Inlet box for Storm Water – 8 feet by 8 feet by 4 feet
- Oil and grease separator – 13 feet by 7 feet by 1.5 feet
- Grinder pump installation for sanitary – 8 feet by 8 feet by 2 feet
- Waterline and meter connection pit – 50 feet by 3 feet by 3 feet, and 6 feet by 6 feet by 3 feet, respectively

Following excavation of affected locations, areas were to be returned to grade with clean backfill obtained from a previously EPA-approved borrow source. EPA approval of this borrow source is provided as Appendix C. The completed work provided the City of Oxford and its respective contractor a clean working area requiring no additional P/S support for the remaining work to be performed.

3.0 CONSTRUCTION ACTIVITIES

P/S' contractor (Brown Construction & Development, LLC) met with the City of Oxford's contractor on-site to confirm the locations of proposed intrusive work to support the construction of the planned maintenance building. Areas where work was to be performed were field located by the City of Oxford's contractor and were assumed to have PCB-containing soil. Intrusive work was to be performed by P/S' contractor where PCB-impacted soil was determined to be potentially located based on previously collected sampling data as discussed in Section 1.0.

3.1 Excavation

The following intrusive work and corresponding dimensions was performed in areas with the potential for PCB-containing soil to be present:

- 2 power pole placements – 3 feet by 8 feet per pole
- Sanitary sewer tie-in and pit – 90 feet by 3 feet by 4 feet, and 10 feet by 10 feet by 4 feet, respectively
- Drop Inlet box for Storm Water – 8 feet by 8 feet by 4 feet
- Oil and grease separator – 13 feet by 7 feet by 1.5 feet
- Grinder pump installation for sanitary – 8 feet by 8 feet by 2 feet
- Waterline and meter connection pit – 60 feet by 3 feet by 3 feet, and 6 feet by 6 feet by 3 feet, respectively
- Data communication connection – 23 feet by 2 feet by 2.5 feet

Three power poles were reported to be placed in the Work Plan; however, the City of Oxford determined that one of the three power poles would be unnecessary and no excavation was performed at that location. A data communication connection was also identified following submittal of the initial Work Plan, and the waterline was extended by 10 feet. These modifications were discussed with EPA oversight personnel prior to commencement of work. The remaining intrusive work performed but not discussed in the Work Plan was limited to trenching (3 inches by 6 inches by 417 feet) to support placement of silt fence around the perimeter of the proposed building footprint. All excavated soil was assumed to contain PCBs at concentrations greater than 50 mg/kg, and disposal of excavated soil is discussed in more detail in Section 3.5.

A geotextile was proposed to be used as a marker layer in the EPA-approved work plan; however, groundwater was encountered in some areas where excavation was performed, and dense graded aggregate (DGA) was determined to be a more appropriate option. A geotextile layer was used as a marker layer in those areas where water did not infiltrate the excavated area. Immediately following placement of a marker layer and/or DGA, the excavated area was backfilled with clean fill from an EPA-approved borrow source.

3.2 Temporary Facilities

A decontamination area (10 feet by 10 feet) was constructed proximate to where intrusive work was performed by first placing a 20-mil high density polyethylene (HDPE) liner surrounded by perimeter silt fencing and/or hay bales with allowances for ingress/egress access.

3.3 Best Management Practices

Best Management Practices (BMPs), including installation of silt fence, were employed to reduce adverse impact to human health or the environment during excavation work in PCB-impacted areas.

Dust monitoring was conducted using a DataRAM PDR-1000AN air monitor when intrusive work was performed as dictated by weather conditions. Air monitoring reports for the applicable days are provided in Appendix D.

3.4 Health and Safety

All work was performed in accordance with P/S' and its contractor's Health and Safety Plan (HASPs). Given the potential for contact with PCB-impacted material, P/S Construction Manager confirmed that all affected employees had obtained their Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training prior to the commencement of any intrusive work in potential PCB impact areas. Additionally, a health and safety tailgate meeting was convened daily for the duration of work conducted under the direction of P/S' contractor.

3.5 Soil Management and Disposal

Soil potentially containing PCBs at concentrations greater than 50 mg/kg and materials in contact with that soil (approximately 149.2 tons) were direct loaded into roll offs and disposed at Chemical Waste Management, Inc.'s TSCA- permitted disposal facility located in Emelle, Alabama. Material weight tickets and waste manifests for hazardous waste are provided in Appendix E.

3.6 Confirmatory Sampling

Two confirmatory samples were taken at the base of each excavation and PCB concentrations ranged between 0.13 and 67.3 mg/kg as shown on Figure 1. These concentrations were consistent with the conceptual site model in that higher PCB concentrations were generally located within and/or proximate to the 100-year floodplain and decreased with distance from the 100-year floodplain. Confirmatory samples were not taken from the areas excavated to support placement of a data communication connection and the proposed power pole locations due to groundwater entering the excavated area immediately after intrusive work commenced. This decision was discussed with EPA oversight. The validated laboratory data report for confirmatory samples is provided as Appendix F.

4.0 Post-Construction Activities

The footprints of the excavations were covered with hay and seeded upon completion of work. No additional post-construction activities are necessary.

FIGURE

New Power Pole
3'(w)x8'(d)

Data Comm Connection
23'(l)x2'(w)x2.5'(d)

Trench Excavation for
Silt Fence Installation
3"(w)x6"(d)417'(l)

OLGP-002
0-6"(13.1)
12-18"(0.21)
30-36"(<1)
42-48"(<1)

OLGP-047
0-6"(34.7)
12-18"(<1)
24-30"(<0.080)
42-28"(<1)

Oil & Grease Trap
13'(l)x7'(w)x1.5'(d)

032317-8(1.5')
1.04 J

OLGP-003
0-6"(7.2)
12-18"(3.6)
30-36"(<0.081)
42-48"(<1)

032317-7(1.5')
0.37 J

New Power Pole
3'(w)x8'(d)

OLGP-048
0-6"(54.6)
12-18"(0.51)
24-30"(0.12)
42-48"(<1)

032317-3(4')
58.5 J

Grinder Pump Installation
8'x8'x2'(d)

032317-6(4')
0.11 J/0.09 J

Sanitary Sewer Connection
90'(l)x3'(w)x4'(d)

032317-2(3')
16.8 J

OLWL-4
0-2'(0.24)

City Water Connection
60'(l)x3'(w)x3'(d)

OLGP-049
0-6"(8.6)
12-18"(30.7)
24-30"(<1)
42-48"(<1)

032317-5(4')
0.19 J

Drop Inlet Box
8'(w)x8'(l)x4'(d)

032347-4(4')
67.3 J

Service Connection Pit
10'(w)x10'(l)x4'(d)

OLWL-3
0-2'(0.59)

Service Connection Pit
6'(w)x6'(l)x3'(d)

Approx. Location of
10'x10' Decontamination Pad

032317-1(3')
6.43 J

OXFORD PARD
BATTING CAGE

LESTER AVENUE
(50' ROW)

RECREATION DRIVE
(130' ROW)

LEGEND

- ⊕ — CONFIRMATION SOIL SAMPLE LOCATION
- 032317-1(3') / 6.43 J — SAMPLE ID (SAMPLE DEPTH) / LABORATORY ANALYTICAL RESULT (mg/kg)
- 100-YEAR FLOODPLAIN BOUNDARY
- SOIL SAMPLES COLLECTED IN CONJUNCTION WITH THE OU-4 SAMPLING PROGRAM
- OLGP-048 / 0-6"(54.6) — SAMPLE ID / SAMPLE DEPTH (PCB RESULT mg/kg)

J - Value is qualified as estimated.

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1	6/7/17	--	-	JAT	TL	TL

0 30 60
SCALE FEET

CONFIRMATION SOIL SAMPLE LOCATIONS
OXFORD MAINTENANCE BUILDING
SOLUTIA, ANNISTON PCB SITE
ANNISTON, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Smyrna, GA

PROJECT No.	OXPARD		FILE No.	--
DESIGN	JAT	5/18/17	SCALE	SCALE | REV. REV
CADD	JAT	5/18/17		
CHECK	TL	5/18/17		
REVIEW	TL	5/18/17		

Figure 1

APPENDIX A
MAINTENANCE BUILDING CONSTRUCTION PROJECT SUPPORT WORK PLAN AND APPROVAL CORRESPONDENCE

March 10, 2017

Ms. Pamela J. Langston Scully, P.E.
Remedial Project Manager
Superfund Remedial Branch
USEPA – Region IV
61 Forsyth Street, SW
Atlanta, Georgia 30303

Re: Maintenance Building Construction Project
Anniston PCB Site, Anniston, Alabama

Dear Ms. Scully:

The City of Oxford has approved construction of a new maintenance building for Oxford's Park and Recreation Department. This newly constructed building will be surrounded by a concrete/asphalt apron to support traffic entering, exiting and around the building. A substantial portion of this work will be conducted within the 100-year floodplain of Snow Creek. The work will be performed on City of Oxford-owned property along Recreation Drive immediately west of the batting cage and east of the existing tennis courts as shown on Figure 1. Generally, the work will involve the construction of a building and its appurtenances and installation of various utility connections (e.g., sewer, water, electric). Surge stone will be placed within the footprint of the maintenance building to stabilize the soil for construction. The surge stone will then be covered with a geotextile fabric. Clean soil and dense grade aggregate will be placed over the geotextile fabric to elevate the foundation of the maintenance building footprint above the 100-year floodplain elevation. Intrusive work will include replacement of existing power poles, removal of sediment build-up in a drainage pipe immediately to the west of the batting cage to support drainage, and soil removal to support utility connections. Immediately following excavation and prior to construction of utility connections, a geotextile fabric will be placed at the bottom of the excavations to demarcate soil potentially containing PCBs greater than 50 milligrams per kilogram (mg/kg) and clean backfill.

Waste Characterization

Solutia Inc. and Monsanto Company (acting on behalf of Pharmacia Corporation), collectively referred to as P/S, plan to provide support to the City of Oxford and their respective contractors to address any polychlorinated biphenyl (PCB) impacted soil located within the proposed footprint of the planned work. Based on existing sampling data

(multiple sample points greater than 50 mg/kg) as shown on Figure 1 and included in the Preliminary Site Characterization Report for Operable Unit 4 of the Anniston PCB Site and the anticipated work to be performed, P/S have determined that any soil generated will preferentially be disposed at Chemical Waste Management, Inc.'s Toxic Substances Control Act (TSCA) permitted facility located in Emelle, Alabama. Figure 1 shows the proposed maintenance building layout and the existing sample data.

Maintenance Building Construction Support Work

The City of Oxford's contractor (Morris Construction) will utilize surge stone to stabilize the footprint of the maintenance building to provide a structurally sound foundation. Surge stone will be placed within the proposed building footprint, wetted with sprinklers, and then pushed into the soil with a smooth drum compaction roller. Immediately following placement of the surge stone and prior to sprinkler use, silt fence will be placed around the perimeter of the building footprint to prevent runoff. Equipment used to facilitate this work will be decontaminated immediately following performance of work.

Intrusive work will occur to support the following activities and corresponding dimensions:

- 3 Power pole placements – 3 feet by 8 feet per pole
- Sanitary sewer tie-in and pit – 95 feet by 3 feet by 4 feet, and 10 feet by 10 feet by 4 feet, respectively
- Drop Inlet box for Storm Water – 8 feet by 8 feet by 4 feet
- Oil and grease separator – 13 feet by 7 feet by 1.5 feet
- Grinder pump installation for sanitary – 8 feet by 8 feet by 2 feet
- Waterline and meter connection pit – 50 feet by 3 feet by 3 feet, and 6 feet by 6 feet by 3 feet, respectively

The locations of intrusive work to be performed are shown on Figure 1. A geotextile fabric will be placed at the base of all areas where intrusive work is to be performed. The excavated area will then be returned to grade using clean fill from an approved borrow source (Richey Town Road).

All personnel who will be working in PCB impact areas will be 40-hour trained under provisions of the Occupational Safety and Health Act (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) rules. Support work related to the presence of PCBs will be performed by P/S and its contractor. Appropriate best management practices (BMPs) will be employed by P/S and their support contractors during the removal of contaminated soil and/or material as determined by pre-characterization work. Stormwater will be diverted from the affected work areas during all proposed construction activities. Silt fence and hay bales, as appropriate, will be placed around the perimeters of the proposed excavation areas, and dust monitoring will be performed during all soil removal activities. If dewatering will be required to be performed as part of the City of Oxford work, all such water will be pumped through a filter bag prior to discharge. A decontamination area (10 feet by 10 feet) will be constructed proximate to where intrusive work will be performed by first placing a 20-mil high density polyethylene

(HDPE) liner surrounded by perimeter silt fencing and/or hay bales with allowances for ingress/egress access.

Existing sampling results will be used to dictate disposal. All materials within the areas where intrusive work is to be performed are assumed to have concentrations of PCBs greater than 50 mg/kg. PCB-containing soil will be loaded into roll offs during the performance of intrusive work. The actual amount of material (e.g., soil) removed will be based on the extent of work to be performed by P/S's contractor to support installation of utility features and sediment removal from an associated drainage pipe. These materials will be loaded into lined end dumps for transport and disposal at Chemical Waste Management, Inc.'s TSCA-permitted facility located in Emelle, Alabama. If circumstances prevent direct loading, PCB-impacted soil will be temporarily staged in designated stockpile areas with appropriate BMPs. Immediately following use in impacted areas, all excavation and material handling equipment will be dry decontaminated by P/S and its contractor at the decontamination pad. Dewatering bags and decontamination debris will be disposed at Chemical Waste Management, Inc.'s TSCA-permitted facility located in Emelle, Alabama.

All disturbed areas will be revegetated if necessary following the completion of the scheduled work to occur in areas where PCB-impacted soil is located.

Demobilization and Reporting

All equipment will be decontaminated using dry methods as appropriate following the completion of work. All sample results, waste manifests, daily construction reports and logs, and other construction-related data and information recorded and collected during the implementation of the project will be compiled into a construction report for submittal to the EPA within 60 days of completion of the proposed work.

The City of Oxford would like to conduct the proposed construction work as soon as possible, subject to EPA approval and oversight availability. The total duration of intrusive activities within PCB-containing soil is expected to be approximately five days. We look forward to receiving your approval of this time critical project. In the interim, please do not hesitate to contact me at 256-231-8404 with any questions or comments that you may have regarding this matter.

Sincerely,

E. Gayle Macolly Harris
Manager, Remedial Projects
attachments

cc: Mr. Fred Denney (City of Oxford)

Mr. Chip Crockett (ADEM)
Mr. G. Douglas Jones, Esq.
Mr. Thomas Dahl

OLGP-046
1.37

New Power Pole
3'(w)x8'(d)

OLGP-002
13.08

New Oxford
Maintenance Building

OLGP-047
34.7

New Power Pole
3'(w)x8'(d)

Oil & Grease Trap
13'(l)x7'(w)x1.5'(d)

OLGP-003
7.22

New Power Pole
3'(w)x8'(d)

OLGP-048
54.6

Grinder Pump Installation
8'x8'x2'(d)

Sanitary Sewer Connection
95'(l)x3'(w)x4'(d)

City Water Connection
50'(l)x3'(w)x3'(d)

OLGP-049
30.7

Drop Inlet Box
8'(w)x8'(l)x4'(d)

Service Connection pit
10'(w)x10'(l)x4'(d)

OLWL-3
0.59

Service Connection Pit
6'(w)x6'(l)x3'(d)

LEGEND

SOIL SAMPLES COLLECTED IN CONJUNCTION WITH THE OU-4 SAMPLING PROGRAM.

100-YEAR FLOODPLAIN BOUNDARY

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1	3/6/17	--	-	JAT	TL	TL

SCALE 0 15 30
SCALE FEET

AREAS OF EXCAVATION
OXFORD MAINTENANCE BUILDING
SOLUTIA, ANNISTON PCB SITE
ANNISTON, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES.
Smyrna, GA

PROJECT No.		OXPARD	FILE No.		--
DESIGN	JAT	3/3/17	SCALE	SCALE	REV. REV
CADD	JAT	3/3/17			
CHECK	TL	3/6/17			
REVIEW	TL	3/6/17			

Figure 1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

March 16, 2017

Ms. E. Gayle Macolly
Manager, Remedial Projects
Solutia Inc.
702 Clydesdale Avenue
Anniston, Alabama 36201-5328

SUBJ: Maintenance Building Construction Project
Anniston PCB Site, Anniston, Alabama

EPA CERCLA ID # ALD000400123
EPA RCRA ID # ALD004019048

Dear Ms. Macolly:

The U.S. Environmental Protection Agency has reviewed the March 10, 2017 Maintenance Building Construction Project Work Plan developed to assist the City of Oxford manage PCB contaminated soil during construction of the maintenance building in Oxford Lake Park. The EPA is approving the work plan with the following comments:

- Solutia should monitor the work until the surge stone, geotextile fabric, and soil barrier is in place to protect workers; the workers should be urged to stay in the covered area as much as possible so that contaminated soils are not spread to roads or other areas.
- Prior to beginning work, the need to decontaminate equipment should be described to the City of Oxford's contractors in order to prevent the spread of contamination.
- Solutia should take two PCB confirmation samples at the bottom of each excavation so that subsurface concentrations are known for future potential actions.

This project support work is being performed as additional work under Section VI, paragraph 7 of the 2001 Administrative Order on Consent for Removal Action, which is incorporated as Appendix C of the Partial Consent Decree. If you have any questions, please contact me at (404) 562-8935.

Sincerely,

Pamela J. Langston Scully, P.E.
Remedial Project Manager

cc: Mr. Chip Crockett, ADEM
Mr. G. Douglas Jones, Esq.
Mr. Thomas Dahl
Mr. David Reddick, CAG
Mr. Bertrand Thomas, TA
Mr. Fred Denney, City of Oxford

APPENDIX B
PHOTOGRAPHS

Example of Mark Out of Area Prior to Excavation.

Roll-Offs Staged for Use and Dozer Preparing for Excavation Work.

Excavation of Water Service Connection Pit Facing North.

Excavation of Grinder Pump Location Facing Northeast.

Excavation of Grinder Pump Location Facing Southwest Showing Water Intrusion.

Excavation of Sewer Service Connection Pit and Sanitary Sewer Connection Facing Northeast and Showing Water Intrusion.

Excavation of Drop Inlet Box Facing Southwest.

Placement of Marker Layer in Grinder Pump Location and DGA in Sanitary Sewer Connection Trench Prior to Backfilling with Clean Soil Facing Southwest.

Clean Fill Being Placed Over Marker Layer Facing South.

Augering of New Power Pole Location Facing Northeast.

APPENDIX C
BORROW SOURCE APPROVAL CORRESPONDENCE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

June 19, 2013

4SFD-SRB

Ms. E. Gayle Macolly
Manager, Remedial Projects
Solutia, Inc.
702 Clydesdale Avenue
Anniston, Alabama 36201-5328

RE: NTC Removal Action Borrow Sources
Anniston PCB Site, Anniston, Alabama

EPA CERCLA ID # ALD000400123
EPA RCRA ID # ALD004019048

Dear Ms. Macolly:

The U.S. Environmental Protection Agency has reviewed the evaluation of two potential borrow sources submitted on June 14, 2013, for the Anniston PCB Site. Based on the sampling results provided, the sources are acceptable for use as backfill for remedial and NTC Removal activities being performed at the Site. If you have any questions, please contact me at (404)562-8935.

Sincerely,

Pamela J. Langston Scully, P.E.
Remedial Project Manager
Superfund Remedial Branch

cc: Mr. Julie Peshkin, Monsanto
Mr. G. Douglas Jones, Esq.
Mr. Thomas Dahl
Mr. Naveen Sharma, ADEM

Genesis Project, Inc.
ENVIRONMENTAL SERVICES

Memo

To: Gayle Macolly, Solutia, Inc.

From: Michael Price, Genesis Project, Inc. MCP

cc: John Loper, The Loper Group, Inc.
Jerry Hopper, R.S. Williams Associates

Date: June 14, 2013

Re: Evaluation of Two Potential Borrow Sources,
Anniston PCB Site, Anniston, Alabama.

On May 30, 2013 Genesis Project, Inc. conducted a sampling event at two potential borrow sources located along Buckelew Bridge Road and CC Road in Oxford, Alabama. The site containing the general fill soils is owned by Ronnie Austin and is located at 1270 Buckelew Bridge Rd. (PPIN 15495). The site containing the topsoil is owned by Steven Taylor and is located at 0 CC Rd. (PPIN 259). Both parcels are located in Oxford, Alabama (Figure 1). The purpose of this sampling event was to evaluate the suitability of these borrow sources to support remedial activities related to the Anniston PCB Site.

Prior to sampling, the potential borrow sources were reviewed with Mr. Ronnie Austin to determine the extent of the areas to be excavated for general fill soils and topsoil materials.

Sampling Procedures

Two composite soil samples (FM-053013-1 (0-1') and FM-053013-1 (1-2')) were collected from the Buckelew Bridge Road property (Figure 2) as representative of the area that will be used for general fill soil material. One composite soil sample (TS-053013-1 (0-1')) was collected from the CC Road property (Figure 3) as representative of the area that will be used for topsoil material. The composite samples were collected utilizing a stainless steel hand auger and thoroughly mixed in a stainless steel bowl with a stainless steel spoon before being placed into a certified clean sample jar.

Soil Sample Analyses

The composite soil samples were sent to TestAmerica Laboratories in Savannah, Georgia for PCB analysis by USEPA Method 8082 and lead analysis by USEPA Method 6010. The laboratory analytical results are presented in Table 1 and a copy of the validated laboratory report is provided in Attachment 1. The analytical results showed no PCBs were detected in any of the samples and the lead results were all less than the average background concentration for lead established in the Fort McClellan background study (20 mg/kg).

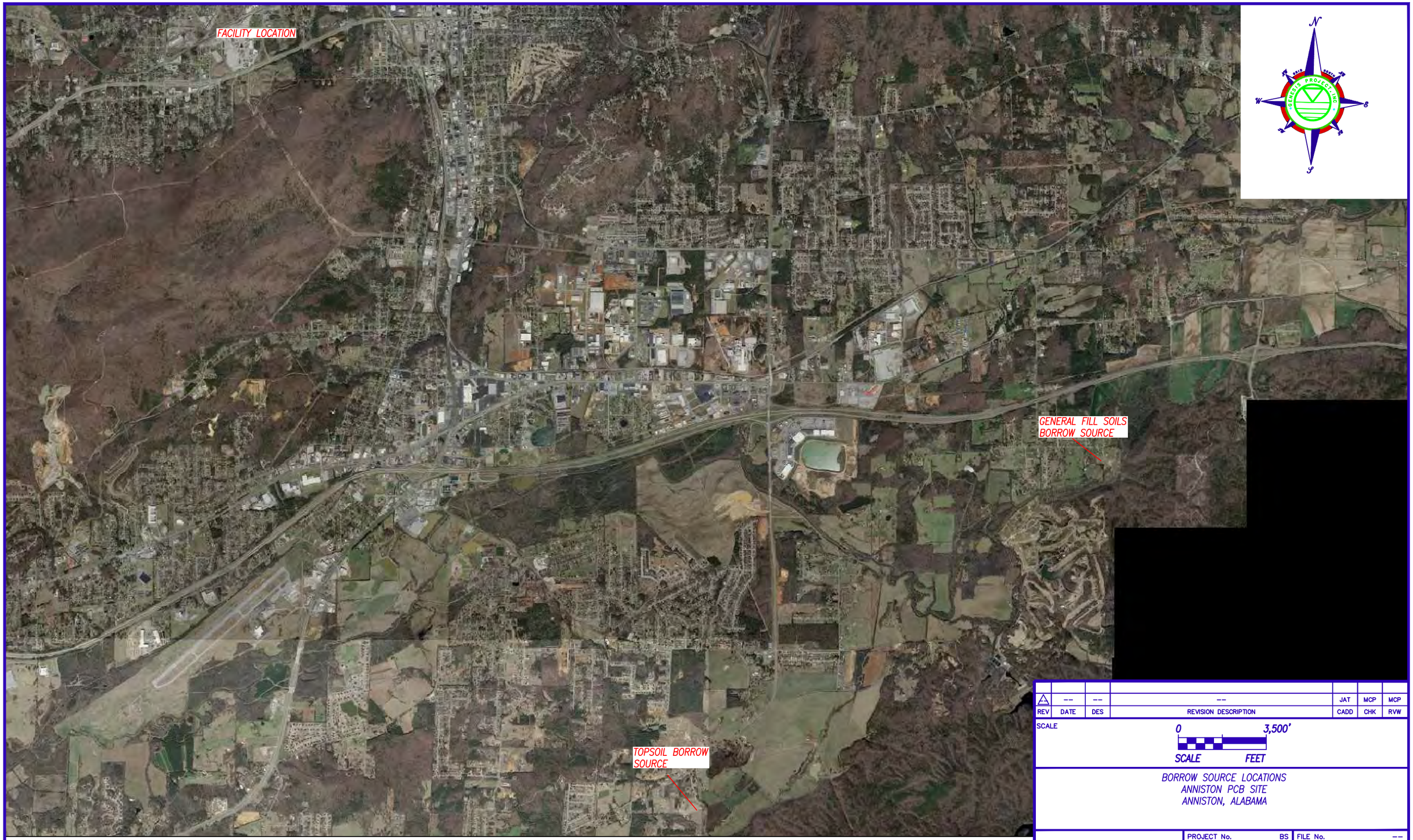
Geotechnical Information

Two soil samples from the general fill soil material from the Buckelew Bridge Road location were submitted to Golder Associates, Inc. (Golder) in Atlanta, Georgia for geotechnical testing. In their 13 June 2013 letter presenting the test results and summary geotechnical comments, Golder indicate that the tested samples indicate the borrow material is suitable for use as general fill in support of OU-1 residential removal activities from a geotechnical perspective. Both samples were identified as "low plasticity sandy CLAY" and exhibited relatively uniform properties across the tested parameters. The in place moisture of the borrow material was observed to be slightly dry of the optimum compaction moisture content (~ 4% dry of optimum), which should allow for fill placement with only minor moisture adjustment. A summary of the geotechnical testing is provided in Attachment 2.

Conclusion

The borrow sources located on Buckelew Bridge Road and CC Road in Oxford, Alabama have been evaluated for suitability as a potential borrow source to supply general fill and topsoil material for use in remedial activities associated with the Anniston PCB Site, most specifically for use in support of OU-1 residential removal activities. Based on the analytical, and geotechnical testing results, these borrow sources have been deemed suitable for use as sources of back fill material and topsoil.

FIGURES



REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
△	--	--	--	JAT	MCP	MCP

SCALE 0 3,500'
SCALE FEET

BORROW SOURCE LOCATIONS
ANNISTON PCB SITE
ANNISTON, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Smyrna, Ga

PROJECT No.		BS
DESIGN	JAT	6/13/13
CADD	JAT	6/13/13
CHECK	MCP	6/13/13
REVIEW	MCP	6/13/13

FILE No. --
SCALE AS SHOWN | REV. --

Figure 1

N

LEGEND:

- COMPOSITE SOIL SAMPLE LOCATION

FM-053013 (0-1) SAMPLE ID (SAMPLE DEPTH)
BDL PCB RESULT (mg/kg)
18 LEAD RESULT (mg/kg)

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0		-	-	JAT	MCP	MCP

SCALE 0 25 50

AREA OF FILL DIRT MATERIAL
ANNISTON PCB SITE
OXFORD, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Smyrna, Ga

PROJECT No.		--
DESIGN	JAT	5/28/13
CADD	JAT	5/28/13
CHECK	MCP	5/29/13
REVIEW	MCP	5/29/13

FILE No. --
SCALE AS SHOWN REV. -

FIGURE
2

LEGEND:

- COMPOSITE SOIL SAMPLE LOCATION

TS-053013 (0-1) SAMPLE ID (SAMPLE DEPTH)
BDL PCB RESULT (mg/kg)
18 LEAD RESULT (mg/kg)

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0		-	-	JAT	MCP	MCP

SCALE 0 25 50

AREA OF TOP SOIL MATERIAL
ANNISTON PCB SITE
OXFORD, ALABAMA

Genesis Project, Inc.
ENVIRONMENTAL SERVICES
Smyrna, Ga

PROJECT No.			--
DESIGN	JAT	5/28/13	
CADD	JAT	5/28/13	
CHECK	MCP	5/29/13	
REVIEW	MCP	5/29/13	

FILE No. --
SCALE AS SHOWN REV. -

FIGURE
3

TABLE

Table 1
Summary of Soil Analytical Results
Borrow Source Material
Anniston PCB Site,
Anniston, Alabama

Sample ID	Date Sampled	Aroclor 1016 mg/kg	Aroclor 1221 mg/kg	Aroclor 1232 mg/kg	Aroclor 1242 mg/kg	Aroclor 1248 mg/kg	Aroclor 1254 mg/kg	Aroclor 1260 mg/kg	Aroclor 1268 mg/kg	Total PCB's mg/kg	Lead Pb mg/kg
FM-053013 0-1'	5/30/13	< 0.043 UJ	< 0.086	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043 UJ	< 0.043	<0.086 UJ	18
FM-053013 1-2'	5/30/13	< 0.062	< 0.130	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	<0.130	13
TS-053013 0-1'	5/30/13	< 0.047	< 0.095	< 0.047	< 0.047	< 0.047	< 0.047	< 0.047	< 0.047	<0.095	18

FOOTNOTES:

< - Analyte was not detected at or above the indicated concentration

ug/kg - micrograms per kilogram

UJ - non-detected value qualified as estimated

ATTACHMENT 1

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____

Project Name: Borrow Source Project Number: _____

Reviewer: Tiffany Messier Validation Date: 6/10/13

Laboratory: Test America Savannah SDG #:680-90857-1

Analytical Method (type and no.): PCB (8082)

Matrix: ☐ Air ☒ Soil/Sed. ☐ Water ☐ Waste ☐ _____

Sample Names: FM-053013 0-1', FM-053013 1-2', TS-053013 0-1'

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	**YES**	**NO**	**NA**	**COMMENTS**
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☒	☐	☐	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☐	☒	☐	No duplicates were collected
g) Field parameters collected (note types)?	☒	☐	☐	
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☐	☒	☐	

Note Deficiencies: _____

Chain-of-Custody (COC)	**YES**	**NO**	**NA**	**COMMENTS**
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	**YES**	**NO**	**NA**	**COMMENTS**
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☐	☒	☐	
g) Were any matrix problems noted?	☐	☒	☐	

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☒	☐	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
b) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Were MS/MSD precision criteria met?	☐	☒	☐	Elevated RPD for 1016 & 1260

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☒	☐	☐	
b) Were surrogate recoveries not calculated due to dilutions?	☐	☒	☐	

Comments/Notes:

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason
FM-053013 0-1'	1016	43	UJ	Elevated MS/MSD RPD recoveries & LCSSRM had elevated DCB recovery
FM-053013 0-1'	1260	43	UJ	Elevated MS/MSD RPD recoveries & LCSSRM had elevated DCB recovery

Signature: _____ Date: 06/10/13

MC

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____

Project Name: Borrow Source Project Number: _____

Reviewer: Tiffany Messier Validation Date: 6/10/13

Laboratory: Test America Savannah SDG #: 680-90857-1

Analytical Method (type and no.): Lead (6010B)

Matrix: ☐ Air ☒ Soil/Sed. ☐ Water ☐ Waste ☐ _____

Sample Names: FM-053013 0-1', FM-053013 1-2', TS- 053013 0-1'

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☒	☐	☐	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☐	☒	☐	No duplicates were collected.
g) Field parameters collected (note types)?	☒	☐	☐	
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☐	☒	☐	

Note Deficiencies: _____

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☐	☒	☐	
g) Were any matrix problems noted?	☐	☒	☐	

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☒	☐	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
b) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Were MS/MSD precision criteria met?	☒	☐	☐	

Comments/Notes:

QA LEVEL II - INORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason
None				

Signature: _____ Date: 6/10/13

MC

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-90857-1
Client Project/Site: Borrow Source
Revision: 1

For:
Genesis Project, Inc.
702 Clydesdale Ave
Anniston, Alabama 36201-5390

Attn: Mr. Mike Price

Michele R Kersey

Authorized for release by:
6/12/2013 11:36:51 AM

Michele Kersey, Project Manager I
michele.kersey@testamericainc.com

Job ID: 680-90857-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Genesis Project, Inc.

Project: Borrow Source

Report Number: 680-90857-1 Revision 1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 5/31/2013 10:00 AM, the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

NOTE: Report revised 06/12/13 to include batch qc for method 6010B.

PESTICIDES AND PCBS
Samples FM-053013 0-1' (680-90857-1), FM-053013 1-2' (680-90857-2) and TS-053013 0-1' (680-90857-3) were analyzed for Pesticides and PCBs in accordance with EPA SW846 Method 8081A_8082. The samples were prepared and analyzed on 06/06/2013.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: (LCSSRM 680-279330/8-). These results have been reported and qualified. DCB is high biased due to the presence of PCB-1268.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 279330 was outside control limits.

TOTAL METALS (ICP)
Samples FM-053013 0-1' (680-90857-1), FM-053013 1-2' (680-90857-2) and TS-053013 0-1' (680-90857-3) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 06/04/2013 and analyzed on 06/05/2013.

PERCENT SOLIDS/MOISTURE
Samples FM-053013 0-1' (680-90857-1), FM-053013 1-2' (680-90857-2) and TS-053013 0-1' (680-90857-3) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 06/03/2013.

Sample Summary

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-90857-1	FM-053013 0-1'	Solid	05/30/13 09:15	05/31/13 10:00
680-90857-2	FM-053013 1-2'	Solid	05/30/13 09:25	05/31/13 10:00
680-90857-3	TS-053013 0-1'	Solid	05/30/13 10:10	05/31/13 10:00

Method Summary

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Method	Method Description	Protocol	Laboratory
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F	RPD of the MS and MSD exceeds the control limits
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Client Sample ID: FM-053013 0-1'
Date Collected: 05/30/13 09:15
Date Received: 05/31/13 10:00

Lab Sample ID: 680-90857-1
Matrix: Solid
Percent Solids: 75.9

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	43	U J	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1221	86	U	86		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1232	43	U	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1242	43	U	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1248	43	U	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1254	43	U	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1260	43	U J	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1
PCB-1268	43	U	43		ug/Kg	☼	06/06/13 07:26	06/06/13 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*46 - 130*	*06/06/13 07:26*	*06/06/13 19:27*	*1*
DCB Decachlorobiphenyl	*98*		*54 - 133*	*06/06/13 07:26*	*06/06/13 19:27*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		1.1		mg/Kg	☼	06/04/13 08:59	06/05/13 22:16	1

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Client Sample ID: FM-053013 1-2'
Date Collected: 05/30/13 09:25
Date Received: 05/31/13 10:00

Lab Sample ID: 680-90857-2
Matrix: Solid
Percent Solids: 52.1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1221	130	U	130		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1232	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1242	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1248	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1254	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1260	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1
PCB-1268	62	U	62		ug/Kg		06/06/13 07:26	06/06/13 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*46 - 130*	*06/06/13 07:26*	*06/06/13 19:50*	*1*
DCB Decachlorobiphenyl	*65*		*54 - 133*	*06/06/13 07:26*	*06/06/13 19:50*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		1.7		mg/Kg		06/04/13 08:59	06/05/13 22:20	1

Client Sample ID: TS-053013 0-1'
Date Collected: 05/30/13 10:10
Date Received: 05/31/13 10:00

Lab Sample ID: 680-90857-3
Matrix: Solid
Percent Solids: 70.3

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1221	95	U	95		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1232	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1242	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1248	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1254	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1260	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1
PCB-1268	47	U	47		ug/Kg		06/06/13 07:26	06/06/13 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*46 - 130*	*06/06/13 07:26*	*06/06/13 20:13*	*1*
DCB Decachlorobiphenyl	*73*		*54 - 133*	*06/06/13 07:26*	*06/06/13 20:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		1.4		mg/Kg		06/04/13 08:59	06/05/13 22:25	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-279330/4-A
Matrix: Solid
Analysis Batch: 279488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 279330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1221	67	U	67		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1232	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1242	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1248	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1254	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1260	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1
PCB-1268	33	U	33		ug/Kg		06/06/13 07:26	06/06/13 18:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*46 - 130*	*06/06/13 07:26*	*06/06/13 18:17*	*1*
DCB Decachlorobiphenyl	*89*		*54 - 133*	*06/06/13 07:26*	*06/06/13 18:17*	*1*

Lab Sample ID: LCS 680-279330/5-A
Matrix: Solid
Analysis Batch: 279488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 279330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	333	302		ug/Kg		91	43 - 130
PCB-1260	333	276		ug/Kg		83	45 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*46 - 130*
DCB Decachlorobiphenyl	*95*		*54 - 133*

Lab Sample ID: LCSSRM 680-279330/8-A
Matrix: Solid
Analysis Batch: 279488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 279330

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	1500	1790		ug/Kg		119.1	44.0 - 188.0
PCB-1254	3000	4520		ug/Kg		150.7	45.0 - 170.0
PCB-1260	2000	1890		ug/Kg		94.3	51.0 - 178.0
PCB-1268	1500	1880		ug/Kg		125.0	52.0 - 137.0

Surrogate	*LCSSRM %Recovery*	*LCSSRM Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*46 - 130*
DCB Decachlorobiphenyl	*144*	*X*	*54 - 133*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: 680-90857-3 MS
Matrix: Solid
Analysis Batch: 279488

Client Sample ID: TS-053013 0-1'
Prep Type: Total/NA
Prep Batch: 279330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	47	U	470	246		ug/Kg	☼	52	43 - 130
PCB-1260	47	U	470	221		ug/Kg	☼	47	45 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*51*		*46 - 130*
DCB Decachlorobiphenyl	*57*		*54 - 133*

Lab Sample ID: 680-90857-3 MSD
Matrix: Solid
Analysis Batch: 279488

Client Sample ID: TS-053013 0-1'
Prep Type: Total/NA
Prep Batch: 279330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	47	U	472	451	F	ug/Kg	☼	96	43 - 130	59	50
PCB-1260	47	U	472	416	F	ug/Kg	☼	88	45 - 130	61	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*111*		*46 - 130*
DCB Decachlorobiphenyl	*96*		*54 - 133*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-278983/1-A
Matrix: Solid
Analysis Batch: 279357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278983

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.99	U	0.99		mg/Kg		06/04/13 08:59	06/05/13 21:20	1

Lab Sample ID: LCS 680-278983/2-A
Matrix: Solid
Analysis Batch: 279357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	4.90	5.05		mg/Kg		103	75 - 125

Lab Sample ID: 680-90802-A-1-B MS
Matrix: Solid
Analysis Batch: 279357

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 278983

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	16		5.78	21.3		mg/Kg	☼	98	75 - 125

Lab Sample ID: 680-90802-A-1-C MSD
Matrix: Solid
Analysis Batch: 279357

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 278983

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	16		5.73	22.2		mg/Kg	☼	115	75 - 125	4	20

QC Association Summary

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

GC Semi VOA

Prep Batch: 279330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-90857-1	FM-053013 0-1'	Total/NA	Solid	3546	
680-90857-2	FM-053013 1-2'	Total/NA	Solid	3546	
680-90857-3	TS-053013 0-1'	Total/NA	Solid	3546	
680-90857-3 MS	TS-053013 0-1'	Total/NA	Solid	3546	
680-90857-3 MSD	TS-053013 0-1'	Total/NA	Solid	3546	
LCS 680-279330/5-A	Lab Control Sample	Total/NA	Solid	3546	
LCSSRM 680-279330/8-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-279330/4-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 279488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-90857-1	FM-053013 0-1'	Total/NA	Solid	8081A_8082	279330
680-90857-2	FM-053013 1-2'	Total/NA	Solid	8081A_8082	279330
680-90857-3	TS-053013 0-1'	Total/NA	Solid	8081A_8082	279330
680-90857-3 MS	TS-053013 0-1'	Total/NA	Solid	8081A_8082	279330
680-90857-3 MSD	TS-053013 0-1'	Total/NA	Solid	8081A_8082	279330
LCS 680-279330/5-A	Lab Control Sample	Total/NA	Solid	8081A_8082	279330
LCSSRM 680-279330/8-A	Lab Control Sample	Total/NA	Solid	8081A_8082	279330
MB 680-279330/4-A	Method Blank	Total/NA	Solid	8081A_8082	279330

Metals

Prep Batch: 278983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-90802-A-1-B MS	Matrix Spike	Total/NA	Solid	3050B	
680-90802-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
680-90857-1	FM-053013 0-1'	Total/NA	Solid	3050B	
680-90857-2	FM-053013 1-2'	Total/NA	Solid	3050B	
680-90857-3	TS-053013 0-1'	Total/NA	Solid	3050B	
LCS 680-278983/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-278983/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 279357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-90802-A-1-B MS	Matrix Spike	Total/NA	Solid	6010B	278983
680-90802-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	278983
680-90857-1	FM-053013 0-1'	Total/NA	Solid	6010B	278983
680-90857-2	FM-053013 1-2'	Total/NA	Solid	6010B	278983
680-90857-3	TS-053013 0-1'	Total/NA	Solid	6010B	278983
LCS 680-278983/2-A	Lab Control Sample	Total/NA	Solid	6010B	278983
MB 680-278983/1-A	Method Blank	Total/NA	Solid	6010B	278983

General Chemistry

Analysis Batch: 278836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-90857-1	FM-053013 0-1'	Total/NA	Solid	Moisture	
680-90857-2	FM-053013 1-2'	Total/NA	Solid	Moisture	
680-90857-3	TS-053013 0-1'	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Client Sample ID: FM-053013 0-1'

Lab Sample ID: 680-90857-1

Date Collected: 05/30/13 09:15
Matrix: Solid
Date Received: 05/31/13 10:00
Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			279330	06/06/13 07:26	JS	TAL SAV
Total/NA	Analysis	8081A_8082		1	279488	06/06/13 19:27	JK	TAL SAV
Total/NA	Prep	3050B			278983	06/04/13 08:59	JKL	TAL SAV
Total/NA	Analysis	6010B		1	279357	06/05/13 22:16	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	278836	06/03/13 11:03	FS	TAL SAV

Client Sample ID: FM-053013 1-2'

Lab Sample ID: 680-90857-2

Date Collected: 05/30/13 09:25
Matrix: Solid
Date Received: 05/31/13 10:00
Percent Solids: 52.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			279330	06/06/13 07:26	JS	TAL SAV
Total/NA	Analysis	8081A_8082		1	279488	06/06/13 19:50	JK	TAL SAV
Total/NA	Prep	3546			279330	06/06/13 07:26	JS	TAL SAV
Total/NA	Analysis	8081A_8082		1	279488	06/06/13 19:50	JK	TAL SAV
Total/NA	Prep	3050B			278983	06/04/13 08:59	JKL	TAL SAV
Total/NA	Analysis	6010B		1	279357	06/05/13 22:20	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	278836	06/03/13 11:03	FS	TAL SAV

Client Sample ID: TS-053013 0-1'

Lab Sample ID: 680-90857-3

Date Collected: 05/30/13 10:10
Matrix: Solid
Date Received: 05/31/13 10:00
Percent Solids: 70.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			279330	06/06/13 07:26	JS	TAL SAV
Total/NA	Analysis	8081A_8082		1	279488	06/06/13 20:13	JK	TAL SAV
Total/NA	Prep	3546			279330	06/06/13 07:26	JS	TAL SAV
Total/NA	Analysis	8081A_8082		1	279488	06/06/13 20:13	JK	TAL SAV
Total/NA	Prep	3050B			278983	06/04/13 08:59	JKL	TAL SAV
Total/NA	Analysis	6010B		1	279357	06/05/13 22:25	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	278836	06/03/13 11:03	FS	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Borrow Source		AL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
M. Hersey		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Gayle Macolly		
CLIENT NAME	CLIENT E-MAIL	
Solutia	jthredgill@genproject.com	
CLIENT ADDRESS		
Genesis Project		
COMPANY CONTRACTING THIS WORK (if applicable)		
Genesis Project		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ✓

DATE DUE 6/6/13

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: PCB 8082	REQUIRED ANALYSIS: Pb 6010	REQUIRED ANALYSIS: 4°C	NUMBER OF CONTAINERS SUBMITTED	REMARKS
5/30/13	9:15	FM-053013 0-1'			X			1	1			
	9:25	FM-053013 1-2'			X			1	1			
	10:10	TS-053013 0-1'			X			1	1			

Page 13 of 15

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	05/30/13	12:15						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	5/31/13	1000	YES ○ NO ○		680-90857	3.8°C

TAL 8240-680 (1008)

Login Sample Receipt Checklist

Client: Genesis Project, Inc.

Job Number: 680-90857-1

Login Number: 90857
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Genesis Project, Inc.
Project/Site: Borrow Source

TestAmerica Job ID: 680-90857-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		399.01	07-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13 *
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13 *
Kentucky	State Program	4	90084	12-31-12 *
Kentucky (UST)	State Program	4	18	03-31-13 *
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13 *
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13 *
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13 *
Washington	State Program	10	C1794	06-10-13 *
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

* Expired certification is currently pending renewal and is considered valid.

ATTACHMENT 2

14 June 2013 1239-004

Ms. Gayle Macolly
Solutia Inc.
702 Clydesdale Avenue
Anniston, AL 36201 USA

RE: GEOTECHNICAL INDEX TESTING OF POTENTIAL BORROW SOURCE MATERIAL FOR USE IN REMEDIAL ACTIVITIES ASSOCIATED WITH THE ANNISTON PCB SITE BORROW SOURCE AT 1270 BUCKELEW BRIDGE ROAD, ANNISTON, ALABAMA

Dear Ms. Macolly:

This letter presents geotechnical test results and Golder Associates Inc.'s (Golder's) evaluation of those results from two samples collected from a potential borrow source owned by Ronnie Austin and located at 1270 Buckelew Bridge Road in Anniston Alabama. Golder evaluated the suitability of the tested materials for use as clean soil fill to support remedial activities associated with the Anniston PCB Site, specifically for use as backfill at residential properties in Operable Unit (OU)-1/OU-2 and OU-4.

On May 30, 2013, Genesis Project, Inc. (Genesis) conducted a sampling event at the above mentioned borrow source. Two composite bulk soil samples (FM-053013 [0-1'] and FM-053013 [1-2']) were collected by Genesis personnel from the area proposed for use as a general fill borrow source. The samples were delivered to Golder's geotechnical laboratory in Atlanta, Georgia for testing. Each sample was tested according to the following geotechnical test standards, with the test results included as Attachment A to this letter:

- In-situ Moisture Content – ASTM D2216
- Grain Size Distribution – ASTM D422
- Standard Proctor Compaction Test (Maximum Dry Density and Optimum Moisture Content) – ASTM D698

The geotechnical testing identified both samples as "Low Plasticity sandy SILTY CLAY", (CL) according to the unified soil classification system. The two samples exhibited relatively uniform properties. Both samples indicate that the in-situ material is slightly dry of the optimum moisture content for compaction. These in-situ moisture conditions should allow for use as fill material directly from the borrow with only minor moisture adjustment (adding water to the fill material). Based on Golder's review of the geotechnical test data, these soils are considered suitable for use in the typical residential soil replacement activities conducted by Solutia Inc.

Golder Associates Inc.
3730 Chamblee Tucker Road
Atlanta, GA 30341 USA
Tel: (770) 496-1893 Fax: (770) 934-9476 www.golder.com

Golder appreciates the opportunity to continue working with you at the Anniston, AL facility. If you should have any questions or comments, please call us as (770) 496-1893 at your earliest convenience.

Very Truly Yours,

GOLDER ASSOCIATES INC.

Gregory L. Hebeler, Ph.D. P.E.
Senior Engineer & Associate

Steven J. Moeller, P.E. (GA)
Principal and SE Regional Leader

GLH/SJM/glh

Enclosures

Attachment A – Geotechnical Test Results

ATTACHMENT A

Geotechnical Test Results

GEOTECHNICAL LABORATORY TEST SCHEDULE

Golder Associates

LOG IN/ LOG OUT

IN DATE	IN BY	OUT DATE	OUT BY	SAMPLE NUMBER	DEPTH	TEST METHOD	Sample type	Water Content	Atterberg Limits	Sieve (3" through #200)	- #200 Sieve	Hydrometer & Sieve	Unit Weight	Specific Gravity	Proctor (Standard)	Proctor (Modified)	Unconfined Compression*	Triaxial U/U*	Triaxial C/U*	Direct Shear*	Permeability * (Flex. Wall)	Permeability* (Rigid Wall)	Consolidation*	Swell*	Expansion Index	pH Level	Organic Content	Resistivity	Carbonate Content
6/3	AM	6/11	[illegible]	FM053013	0-1		P		⊗	⊗					⊗														
6/3	AM	6/11	[illegible]	FM053013	1-2		P		⊗	⊗					⊗														

Job Number 123-9004-044
Job Name Solutia/Operable Unit 4 Support Svc

Golder Associates, Inc.
3730 Chamblee Tucker Road
Atlanta, Georgia 30341
Telephone: (770) 493-4280

/ Test to be performed
X Test Completed
⊗ Results sent to client

SOLUTIA/OPERABLE UNIT 4 SUPPORT SVC
SUMMARY OF SOIL DATA

Sample Identification	Sample Type	Sample Depth	Soil Classification	Natural Moisture %	Atterberg Limits				Grain Size Distribution			Compaction		Gs	Unit Weight		Permeability (cm/sec)	Additional Tests Conducted (See Notes)
					L.L.	P.L.	P.I.	L.I.	% Finer No. 4 Sieve	% Finer No. 200 Sieve	% Finer .005 mm	Maximum Dry Density (lb/cuft)	Optimum Moisture %		Moisture %	Dry (lb/cuft)		
FM053013	Bulk	0.0-1.0'	CL	15.1	29	21	8	-0.79	97.4	62.6	-	102.4	18.9	-	-	-	-	-
FM053013	Bulk	1.0-2.0'	CL	13.2	31	22	9	-0.96	96.4	67.1	-	105.6	17.6	-	-	-	-	-

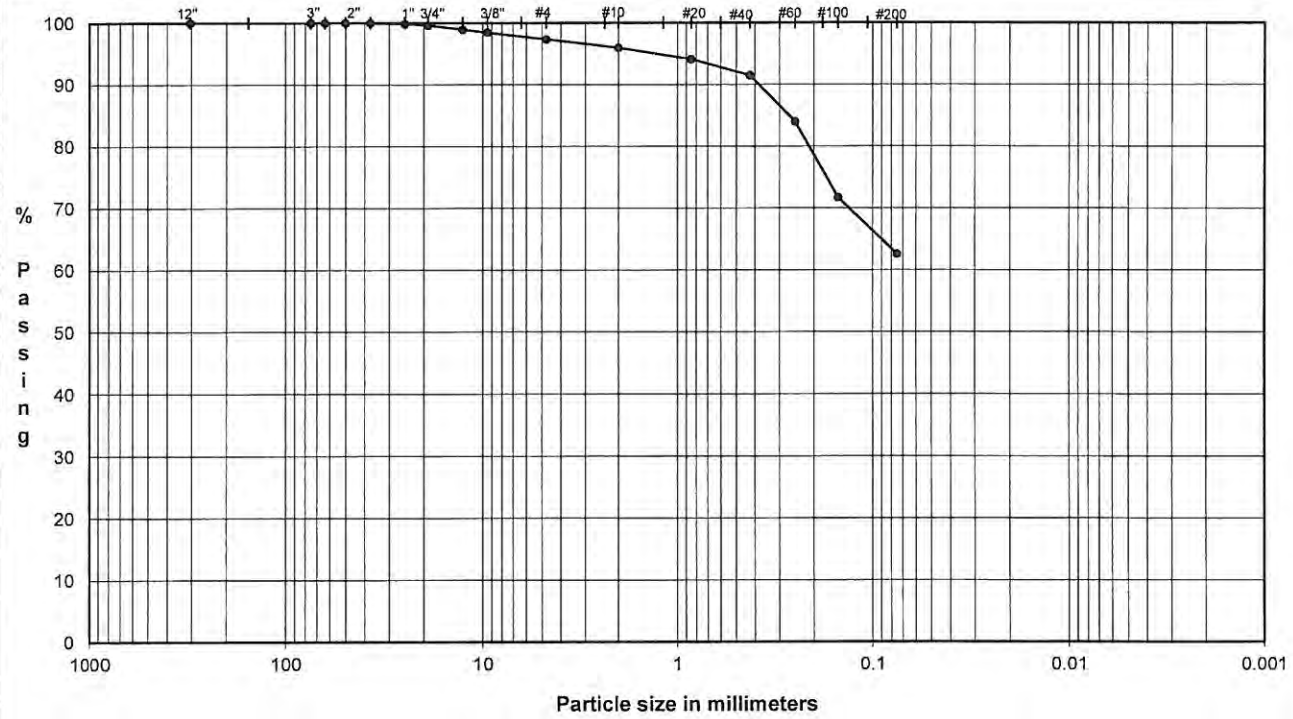
ABBREVIATIONS: LIQUID LIMIT (LL)
PLASTIC LIMIT (PL)
PLASTICITY INDEX (PI)
LIQUIDITY INDEX (LI)
SPECIFIC GRAVITY (Gs)
MOISTURE (Mc)

NOTES: T = TRIAXIAL TEST
U = UNCONFINED COMPRESSION TEST
C = CONSOLIDATION TEST
DS = DIRECT SHEAR TEST
O = ORGANIC CONTENT
P = pH

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D6913, D4318

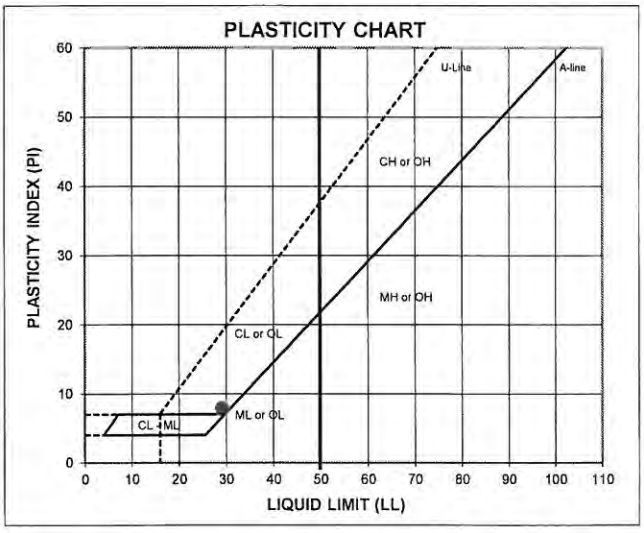
PROJECT NAME: **SOLUTIA/OPERABLE UNIT 4 SUPPORT SVC/AL**
SAMPLE ID: **FM053013** - Depth: **0.0-1.0'**
TYPE: **Bulk**



	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay
COBBLES	GRAVEL		SAND			FINES

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.0**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**99.9**		
0.75"	19.0	**99.6**	Coarse Gravel	**0.4**
0.50"	12.7	**99.0**		
0.375"	9.5	**98.5**		
#4	4.8	**97.4**	Fine Gravel	**2.3**
#10	2.0	**96.0**	Coarse Sand	**1.4**
#20	0.85	**94.1**		
#40	0.43	**91.5**	Medium Sand	**4.5**
#60	0.25	**84.0**		
#100	0.15	**71.7**		
#200	0.075	**62.6**	Fine Sand	**28.9**
			Fines	**62.6**



ATTERBERG LIMITS
Method -B (Dry preparation)

M_c	LL	PL	PI	LI
15.1	**29**	**21**	**8**	**-0.79**

DESCRIPTION: sandy SILTY CLAY, fine to coarse, trace fine to coarse gravel; yellowish brown.

USCS: CL

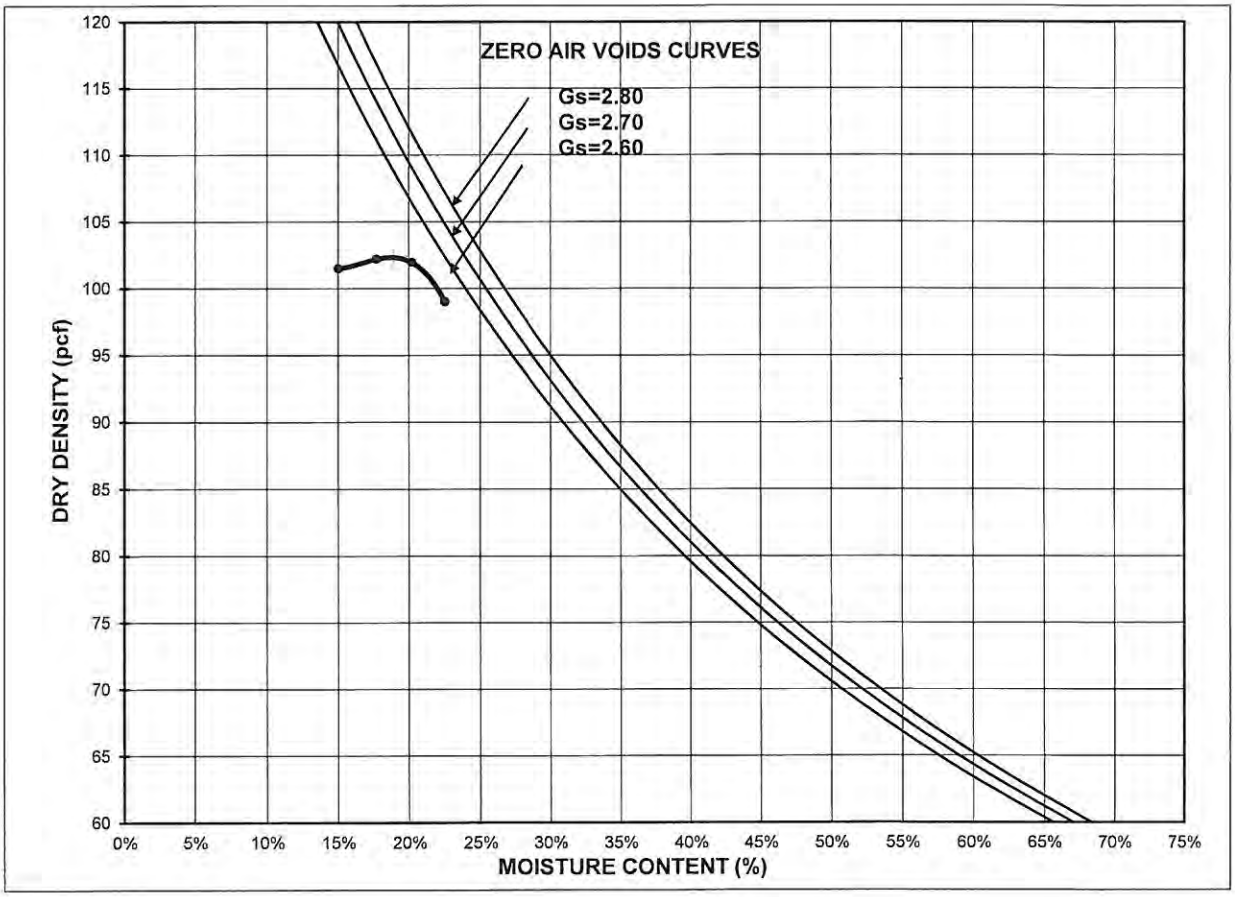
LL (oven-dried) / 0.75 = ORGANIC (OL/OH)

TECH	AM/PWM
DATE	6/4/13
CHECK	
REVIEW	
APPROVE	

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Dry Method

PROJECT NAME: **SOLUTIA/OPERABLE UNIT 4 SUPPORT SVC/AL**
PROJECT NUMBER: **123-9004-OU4**
SAMPLE ID: **FM053013** - DEPTH: **0.0-1.0'** SAMPLE TYPE: **Bulk**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	101.5	15.0%
2	102.2	17.7%
3	101.9	20.2%
4	99.0	22.5%

Maximum Dry Density (pcf)	**102.4**
Optimum Moisture (%)	**18.9**
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	**15.1%**
% Retained on # 4 sieve	**2.6%**
% Retained on 3/8" sieve	
% Retained on 3/4" sieve	

DESCRIPTION sandy SILTY CLAY, fine to coarse, trace fine to coarse gravel; yellowish brown.

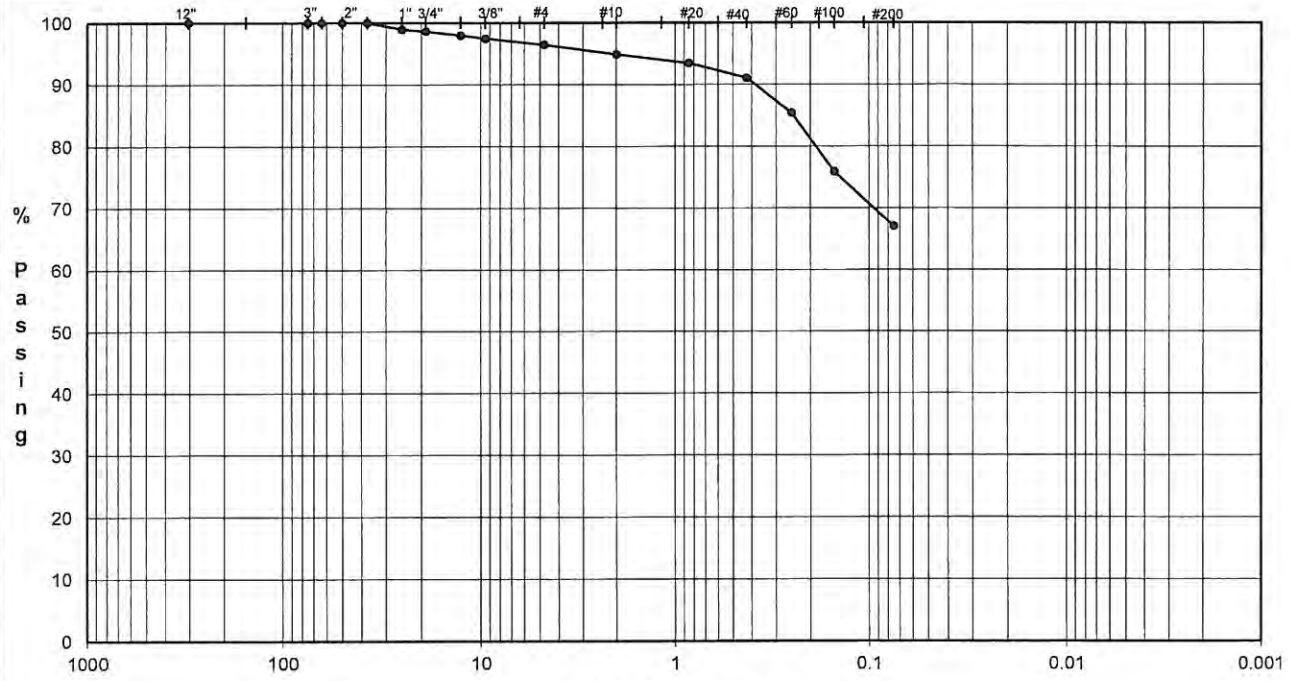
USCS CL

CHECK aem
REVIEW JWM
APPROVE

PARTICLE SIZE DISTRIBUTION & ATTERBERG LIMITS

ASTM D6913, D4318

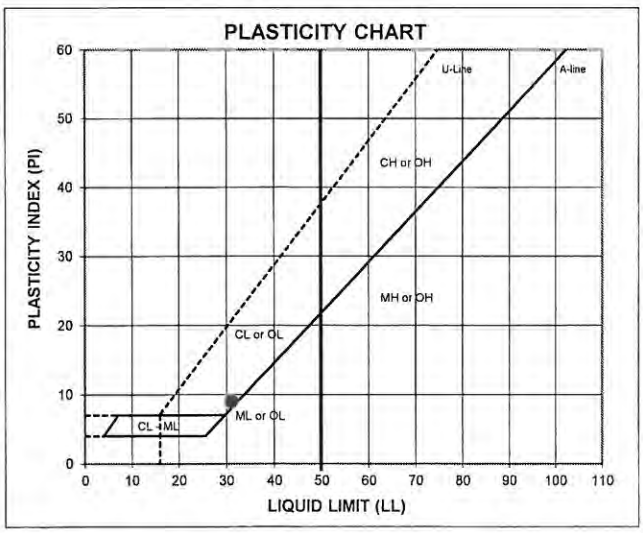
PROJECT NAME: **SOLUTIA/OPERABLE UNIT 4 SUPPORT SVC**
SAMPLE ID: **FM053013** - Depth: **1.0-2.0'**
TYPE: **Bulk**



	Coarse	Fine	Coarse	Medium	Fine	Silt or Clay
COBBLES	GRAVEL		SAND			FINES

U.S. Standard Sieves Sizes and Numbers

	Particle Size (mm)	% Passing	Particle Size Classification	Percentage
12.0"	304.8	**100.0**		
3.0"	75.0	**100.0**	Cobbles	**0.0**
2.5"	63.5	**100.0**		
2.0"	50.0	**100.0**		
1.5"	37.5	**100.0**		
1.0"	25.0	**99.0**		
0.75"	19.0	**98.6**	Coarse Gravel	**1.4**
0.50"	12.7	**98.0**		
0.375"	9.5	**97.5**		
#4	4.8	**96.4**	Fine Gravel	**2.2**
#10	2.0	**94.9**	Coarse Sand	**1.6**
#20	0.85	**93.5**		
#40	0.43	**91.1**	Medium Sand	**3.8**
#60	0.25	**85.4**		
#100	0.15	**75.9**		
#200	0.075	**67.1**	Fine Sand	**24.0**
			Fines	**67.1**



ATTERBERG LIMITS
Method -B (Dry preparation)

M_c	LL	PL	PI	LI
13.2	**31**	**22**	**9**	**-0.96**

DESCRIPTION: sandy SILTY CLAY, fine to coarse, trace fine to coarse gravel; yellowish brown.

USCS: CL

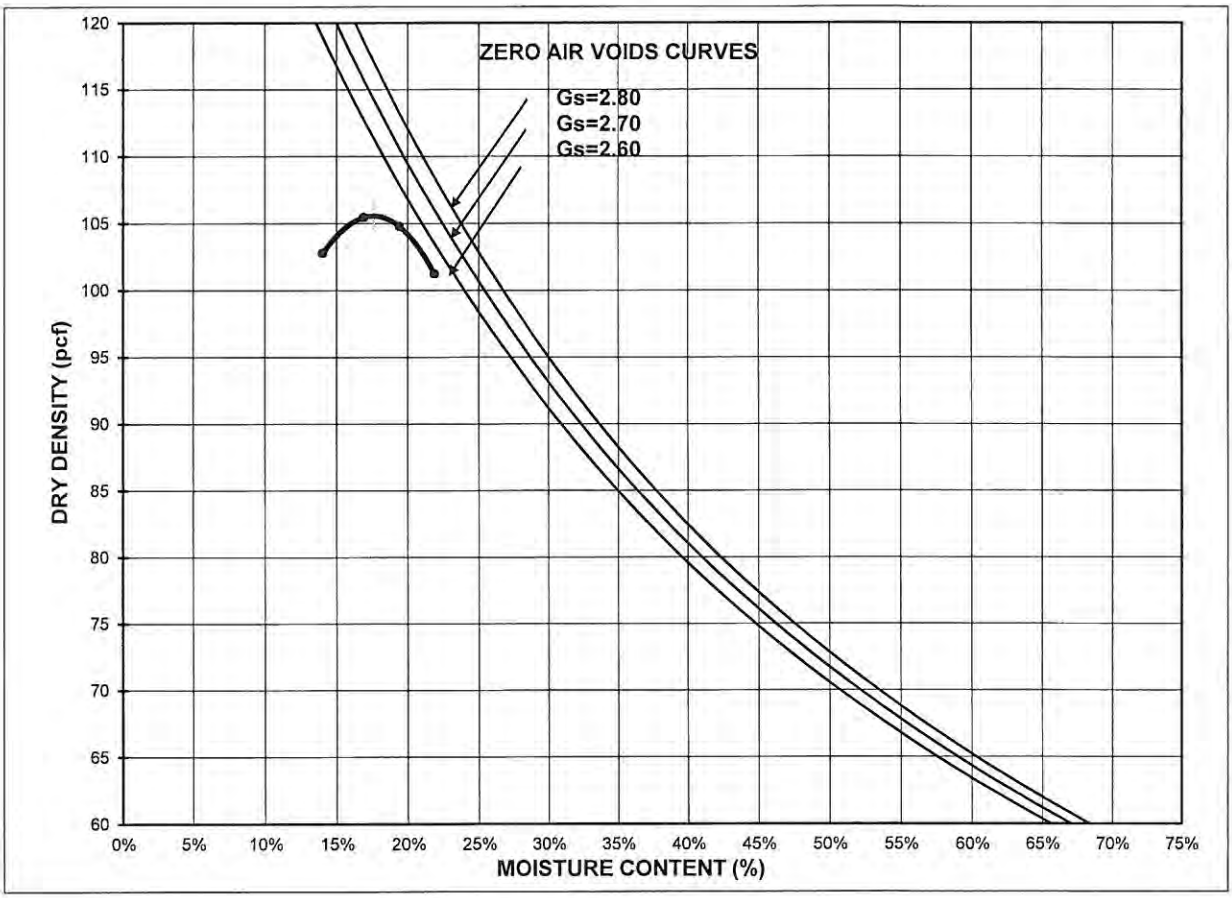
LL (oven-dried) / < 0.75 = ORGANIC (OL/OH)

TECH	AM/PWM
DATE	6/4/13
CHECK	
REVIEW	
APPROVE	

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Dry Method

PROJECT NAME: SOLUTIA/OPERABLE UNIT 4 SUPPORT SVC
PROJECT NUMBER: 123-9004-OU4
SAMPLE ID: FM053013 - DEPTH: 1.0-2.0' SAMPLE TYPE: Bulk



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	102.8	14.0%
2	105.4	16.9%
3	104.8	19.4%
4	101.2	21.9%

Maximum Dry Density (pcf)	105.6
Optimum Moisture (%)	17.6
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	13.2%
% Retained on # 4 sieve	3.6%
% Retained on 3/8" sieve	
% Retained on 3/4" sieve	

DESCRIPTION sandy SILTY CLAY, fine to coarse, trace fine to coarse gravel; yellowish brown.

USCS CL

CHECK aem
REVIEW [illegible]
APPROVE

APPENDIX D
DAILY AIR MONITORING RECORDS

pDR ID: 1
Tag Number: 05
Number of logged points: 150
Start time and date: 09:51:20 22-Mar
Elapsed time: 02:30:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 1.674 mg/m3
Time at maximum: 11:39:13 Mar 22
Max STEL Concentration: 0.045 mg/m3
Time at max STEL: 11:39:20 Mar 22
Overall Avg Conc: 0.028 mg/m3
Logged Data:

Point	Date	Time	Avg.(mg/m3)
1	22-Mar	09:52:20	0.031
2	22-Mar	09:53:20	0.027
3	22-Mar	09:54:20	0.023
4	22-Mar	09:55:20	0.023
5	22-Mar	09:56:20	0.028
6	22-Mar	09:57:20	0.026
7	22-Mar	09:58:20	0.024
8	22-Mar	09:59:20	0.027
9	22-Mar	10:00:20	0.025
10	22-Mar	10:01:20	0.027
11	22-Mar	10:02:20	0.026
12	22-Mar	10:03:20	0.024
13	22-Mar	10:04:20	0.027
14	22-Mar	10:05:20	0.026
15	22-Mar	10:06:20	0.026
16	22-Mar	10:07:20	0.024
17	22-Mar	10:08:20	0.029
18	22-Mar	10:09:20	0.023
19	22-Mar	10:10:20	0.023
20	22-Mar	10:11:20	0.022
21	22-Mar	10:12:20	0.022
22	22-Mar	10:13:20	0.02
23	22-Mar	10:14:20	0.021
24	22-Mar	10:15:20	0.021
25	22-Mar	10:16:20	0.021
26	22-Mar	10:17:20	0.021
27	22-Mar	10:18:20	0.02
28	22-Mar	10:19:20	0.02
29	22-Mar	10:20:20	0.021
30	22-Mar	10:21:20	0.021
31	22-Mar	10:22:20	0.021
32	22-Mar	10:23:20	0.02
33	22-Mar	10:24:20	0.02

34	22-Mar	10:25:20	0.021
35	22-Mar	10:26:20	0.021
36	22-Mar	10:27:20	0.02
37	22-Mar	10:28:20	0.021
38	22-Mar	10:29:20	0.025
39	22-Mar	10:30:20	0.021
40	22-Mar	10:31:20	0.021
41	22-Mar	10:32:20	0.021
42	22-Mar	10:33:20	0.042
43	22-Mar	10:34:20	0.024
44	22-Mar	10:35:20	0.034
45	22-Mar	10:36:20	0.03
46	22-Mar	10:37:20	0.063
47	22-Mar	10:38:20	0.048
48	22-Mar	10:39:20	0.04
49	22-Mar	10:40:20	0.067
50	22-Mar	10:41:20	0.058
51	22-Mar	10:42:20	0.043
52	22-Mar	10:43:20	0.044
53	22-Mar	10:44:20	0.042
54	22-Mar	10:45:20	0.032
55	22-Mar	10:46:20	0.043
56	22-Mar	10:47:20	0.04
57	22-Mar	10:48:20	0.042
58	22-Mar	10:49:20	0.028
59	22-Mar	10:50:20	0.027
60	22-Mar	10:51:20	0.028
61	22-Mar	10:52:20	0.028
62	22-Mar	10:53:20	0.028
63	22-Mar	10:54:20	0.033
64	22-Mar	10:55:20	0.039
65	22-Mar	10:56:20	0.028
66	22-Mar	10:57:20	0.028
67	22-Mar	10:58:20	0.025
68	22-Mar	10:59:20	0.022
69	22-Mar	11:00:20	0.023
70	22-Mar	11:01:20	0.028
71	22-Mar	11:02:20	0.031
72	22-Mar	11:03:20	0.028
73	22-Mar	11:04:20	0.03
74	22-Mar	11:05:20	0.025
75	22-Mar	11:06:20	0.025
76	22-Mar	11:07:20	0.022
77	22-Mar	11:08:20	0.018
78	22-Mar	11:09:20	0.023
79	22-Mar	11:10:20	0.031
80	22-Mar	11:11:20	0.024

81	22-Mar	11:12:20	0.029
82	22-Mar	11:13:20	0.035
83	22-Mar	11:14:20	0.024
84	22-Mar	11:15:20	0.025
85	22-Mar	11:16:20	0.059
86	22-Mar	11:17:20	0.043
87	22-Mar	11:18:20	0.028
88	22-Mar	11:19:20	0.066
89	22-Mar	11:20:20	0.03
90	22-Mar	11:21:20	0.025
91	22-Mar	11:22:20	0.023
92	22-Mar	11:23:20	0.026
93	22-Mar	11:24:20	0.021
94	22-Mar	11:25:20	0.023
95	22-Mar	11:26:20	0.024
96	22-Mar	11:27:20	0.024
97	22-Mar	11:28:20	0.024
98	22-Mar	11:29:20	0.032
99	22-Mar	11:30:20	0.021
100	22-Mar	11:31:20	0.021
101	22-Mar	11:32:20	0.021
102	22-Mar	11:33:20	0.036
103	22-Mar	11:34:20	0.032
104	22-Mar	11:35:20	0.022
105	22-Mar	11:36:20	0.021
106	22-Mar	11:37:20	0.019
107	22-Mar	11:38:20	0.023
108	22-Mar	11:39:20	0.333
109	22-Mar	11:40:20	0.015
110	22-Mar	11:41:20	0.029
111	22-Mar	11:42:20	0.015
112	22-Mar	11:43:20	0.012
113	22-Mar	11:44:20	0.023
114	22-Mar	11:45:20	0.014
115	22-Mar	11:46:20	0.015
116	22-Mar	11:47:20	0.015
117	22-Mar	11:48:20	0.012
118	22-Mar	11:49:20	0.016
119	22-Mar	11:50:20	0.014
120	22-Mar	11:51:20	0.014
121	22-Mar	11:52:20	0.014
122	22-Mar	11:53:20	0.014
123	22-Mar	11:54:20	0.014
124	22-Mar	11:55:20	0.013
125	22-Mar	11:56:20	0.024
126	22-Mar	11:57:20	0.014
127	22-Mar	11:58:20	0.019

128	22-Mar	11:59:20	0.049
129	22-Mar	12:00:20	0.038
130	22-Mar	12:01:20	0.034
131	22-Mar	12:02:20	0.024
132	22-Mar	12:03:20	0.023
133	22-Mar	12:04:20	0.025
134	22-Mar	12:05:20	0.027
135	22-Mar	12:06:20	0.019
136	22-Mar	12:07:20	0.025
137	22-Mar	12:08:20	0.02
138	22-Mar	12:09:20	0.023
139	22-Mar	12:10:20	0.022
140	22-Mar	12:11:20	0.022
141	22-Mar	12:12:20	0.02
142	22-Mar	12:13:20	0.02
143	22-Mar	12:14:20	0.019
144	22-Mar	12:15:20	0.019
145	22-Mar	12:16:20	0.014
146	22-Mar	12:17:20	0.019
147	22-Mar	12:18:20	0.036
148	22-Mar	12:19:20	0.021
149	22-Mar	12:20:20	0.024
150	22-Mar	12:21:20	0.02

pDR ID: 1
Tag Number: 06
Number of logged points: 51
Start time and date: 13:32:35 22-Mar
Elapsed time: 00:51:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.130 mg/m3
Time at maximum: 13:33:50 Mar 22
Max STEL Concentration: 0.020 mg/m3
Time at max STEL: 13:48:05 Mar 22
Overall Avg Conc: 0.017 mg/m3
Logged Data:

Point	Date	Time	Avg.(mg/m3)
1	22-Mar	13:33:35	0.015
2	22-Mar	13:34:35	0.037
3	22-Mar	13:35:35	0.017
4	22-Mar	13:36:35	0.024
5	22-Mar	13:37:35	0.014
6	22-Mar	13:38:35	0.023
7	22-Mar	13:39:35	0.018
8	22-Mar	13:40:35	0.012
9	22-Mar	13:41:35	0.011
10	22-Mar	13:42:35	0.022
11	22-Mar	13:43:35	0.01
12	22-Mar	13:44:35	0.022
13	22-Mar	13:45:35	0.019
14	22-Mar	13:46:35	0.022
15	22-Mar	13:47:35	0.023
16	22-Mar	13:48:35	0.018
17	22-Mar	13:49:35	0.01
18	22-Mar	13:50:35	0.02
19	22-Mar	13:51:35	0.021
20	22-Mar	13:52:35	0.015
21	22-Mar	13:53:35	0.045
22	22-Mar	13:54:35	0.014
23	22-Mar	13:55:35	0.014
24	22-Mar	13:56:35	0.013
25	22-Mar	13:57:35	0.021
26	22-Mar	13:58:35	0.029
27	22-Mar	13:59:35	0.019
28	22-Mar	14:00:35	0.018
29	22-Mar	14:01:35	0.017
30	22-Mar	14:02:35	0.021
31	22-Mar	14:03:35	0.018
32	22-Mar	14:04:35	0.019
33	22-Mar	14:05:35	0.016

34	22-Mar	14:06:35	0.016
35	22-Mar	14:07:35	0.017
36	22-Mar	14:08:35	0.021
37	22-Mar	14:09:35	0.014
38	22-Mar	14:10:35	0.016
39	22-Mar	14:11:35	0.013
40	22-Mar	14:12:35	0.012
41	22-Mar	14:13:35	0.013
42	22-Mar	14:14:35	0.013
43	22-Mar	14:15:35	0.013
44	22-Mar	14:16:35	0.013
45	22-Mar	14:17:35	0.014
46	22-Mar	14:18:35	0.015
47	22-Mar	14:19:35	0.013
48	22-Mar	14:20:35	0.013
49	22-Mar	14:21:35	0.012
50	22-Mar	14:22:35	0.012
51	22-Mar	14:23:35	0.013

pDR ID: 1
Tag Number: 07
Number of logged points: 272
Start time and date: 10:23:44 23-Mar
Elapsed time: 04:32:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.865 mg/m3
Time at maximum: 14:40:28 Mar 23
Max STEL Concentration: 0.040 mg/m3
Time at max STEL: 14:54:14 Mar 23
Overall Avg Conc: 0.017 mg/m3
Logged Data:

Point	Date	Time	Avg.(mg/m3)
1	23-Mar	10:24:44	0.026
2	23-Mar	10:25:44	0.035
3	23-Mar	10:26:44	0.018
4	23-Mar	10:27:44	0.012
5	23-Mar	10:28:44	0.025
6	23-Mar	10:29:44	0.012
7	23-Mar	10:30:44	0.017
8	23-Mar	10:31:44	0.026
9	23-Mar	10:32:44	0.038
10	23-Mar	10:33:44	0.013
11	23-Mar	10:34:44	0.031
12	23-Mar	10:35:44	0.021
13	23-Mar	10:36:44	0.031
14	23-Mar	10:37:44	0.02
15	23-Mar	10:38:44	0.008
16	23-Mar	10:39:44	0.008
17	23-Mar	10:40:44	0.006
18	23-Mar	10:41:44	0.005
19	23-Mar	10:42:44	0.034
20	23-Mar	10:43:44	0.006
21	23-Mar	10:44:44	0.009
22	23-Mar	10:45:44	0.005
23	23-Mar	10:46:44	0.01
24	23-Mar	10:47:44	0.013
25	23-Mar	10:48:44	0.007
26	23-Mar	10:49:44	0.009
27	23-Mar	10:50:44	0.008
28	23-Mar	10:51:44	0.006
29	23-Mar	10:52:44	0.007
30	23-Mar	10:53:44	0.008
31	23-Mar	10:54:44	0.008
32	23-Mar	10:55:44	0.011
33	23-Mar	10:56:44	0.015

34	23-Mar	10:57:44	0.012
35	23-Mar	10:58:44	0.01
36	23-Mar	10:59:44	0.012
37	23-Mar	11:00:44	0.017
38	23-Mar	11:01:44	0.011
39	23-Mar	11:02:44	0.01
40	23-Mar	11:03:44	0.01
41	23-Mar	11:04:44	0.01
42	23-Mar	11:05:44	0.011
43	23-Mar	11:06:44	0.013
44	23-Mar	11:07:44	0.011
45	23-Mar	11:08:44	0.021
46	23-Mar	11:09:44	0.009
47	23-Mar	11:10:44	0.008
48	23-Mar	11:11:44	0.009
49	23-Mar	11:12:44	0.009
50	23-Mar	11:13:44	0.009
51	23-Mar	11:14:44	0.009
52	23-Mar	11:15:44	0.009
53	23-Mar	11:16:44	0.01
54	23-Mar	11:17:44	0.011
55	23-Mar	11:18:44	0.008
56	23-Mar	11:19:44	0.009
57	23-Mar	11:20:44	0.011
58	23-Mar	11:21:44	0.01
59	23-Mar	11:22:44	0.011
60	23-Mar	11:23:44	0.011
61	23-Mar	11:24:44	0.011
62	23-Mar	11:25:44	0.01
63	23-Mar	11:26:44	0.011
64	23-Mar	11:27:44	0.016
65	23-Mar	11:28:44	0.014
66	23-Mar	11:29:44	0.012
67	23-Mar	11:30:44	0.012
68	23-Mar	11:31:44	0.011
69	23-Mar	11:32:44	0.014
70	23-Mar	11:33:44	0.012
71	23-Mar	11:34:44	0.012
72	23-Mar	11:35:44	0.011
73	23-Mar	11:36:44	0.012
74	23-Mar	11:37:44	0.011
75	23-Mar	11:38:44	0.012
76	23-Mar	11:39:44	0.012
77	23-Mar	11:40:44	0.013
78	23-Mar	11:41:44	0.011
79	23-Mar	11:42:44	0.013
80	23-Mar	11:43:44	0.016

81	23-Mar	11:44:44	0.015
82	23-Mar	11:45:44	0.012
83	23-Mar	11:46:44	0.015
84	23-Mar	11:47:44	0.015
85	23-Mar	11:48:44	0.012
86	23-Mar	11:49:44	0.014
87	23-Mar	11:50:44	0.015
88	23-Mar	11:51:44	0.013
89	23-Mar	11:52:44	0.044
90	23-Mar	11:53:44	0.015
91	23-Mar	11:54:44	0.028
92	23-Mar	11:55:44	0.033
93	23-Mar	11:56:44	0.014
94	23-Mar	11:57:44	0.018
95	23-Mar	11:58:44	0.012
96	23-Mar	11:59:44	0.014
97	23-Mar	12:00:44	0.014
98	23-Mar	12:01:44	0.015
99	23-Mar	12:02:44	0.015
100	23-Mar	12:03:44	0.016
101	23-Mar	12:04:44	0.015
102	23-Mar	12:05:44	0.019
103	23-Mar	12:06:44	0.016
104	23-Mar	12:07:44	0.016
105	23-Mar	12:08:44	0.014
106	23-Mar	12:09:44	0.015
107	23-Mar	12:10:44	0.016
108	23-Mar	12:11:44	0.016
109	23-Mar	12:12:44	0.019
110	23-Mar	12:13:44	0.016
111	23-Mar	12:14:44	0.015
112	23-Mar	12:15:44	0.016
113	23-Mar	12:16:44	0.016
114	23-Mar	12:17:44	0.015
115	23-Mar	12:18:44	0.015
116	23-Mar	12:19:44	0.017
117	23-Mar	12:20:44	0.015
118	23-Mar	12:21:44	0.016
119	23-Mar	12:22:44	0.015
120	23-Mar	12:23:44	0.016
121	23-Mar	12:24:44	0.016
122	23-Mar	12:25:44	0.016
123	23-Mar	12:26:44	0.015
124	23-Mar	12:27:44	0.015
125	23-Mar	12:28:44	0.016
126	23-Mar	12:29:44	0.016
127	23-Mar	12:30:44	0.016

128	23-Mar	12:31:44	0.017
129	23-Mar	12:32:44	0.015
130	23-Mar	12:33:44	0.015
131	23-Mar	12:34:44	0.015
132	23-Mar	12:35:44	0.014
133	23-Mar	12:36:44	0.015
134	23-Mar	12:37:44	0.016
135	23-Mar	12:38:44	0.015
136	23-Mar	12:39:44	0.014
137	23-Mar	12:40:44	0.015
138	23-Mar	12:41:44	0.014
139	23-Mar	12:42:44	0.016
140	23-Mar	12:43:44	0.017
141	23-Mar	12:44:44	0.016
142	23-Mar	12:45:44	0.015
143	23-Mar	12:46:44	0.015
144	23-Mar	12:47:44	0.015
145	23-Mar	12:48:44	0.015
146	23-Mar	12:49:44	0.016
147	23-Mar	12:50:44	0.017
148	23-Mar	12:51:44	0.017
149	23-Mar	12:52:44	0.017
150	23-Mar	12:53:44	0.019
151	23-Mar	12:54:44	0.019
152	23-Mar	12:55:44	0.017
153	23-Mar	12:56:44	0.015
154	23-Mar	12:57:44	0.015
155	23-Mar	12:58:44	0.016
156	23-Mar	12:59:44	0.016
157	23-Mar	13:00:44	0.016
158	23-Mar	13:01:44	0.016
159	23-Mar	13:02:44	0.019
160	23-Mar	13:03:44	0.017
161	23-Mar	13:04:44	0.016
162	23-Mar	13:05:44	0.017
163	23-Mar	13:06:44	0.018
164	23-Mar	13:07:44	0.017
165	23-Mar	13:08:44	0.017
166	23-Mar	13:09:44	0.016
167	23-Mar	13:10:44	0.016
168	23-Mar	13:11:44	0.015
169	23-Mar	13:12:44	0.014
170	23-Mar	13:13:44	0.015
171	23-Mar	13:14:44	0.014
172	23-Mar	13:15:44	0.013
173	23-Mar	13:16:44	0.012
174	23-Mar	13:17:44	0.015

175	23-Mar	13:18:44	0.015
176	23-Mar	13:19:44	0.015
177	23-Mar	13:20:44	0.014
178	23-Mar	13:21:44	0.014
179	23-Mar	13:22:44	0.029
180	23-Mar	13:23:44	0.015
181	23-Mar	13:24:44	0.015
182	23-Mar	13:25:44	0.015
183	23-Mar	13:26:44	0.014
184	23-Mar	13:27:44	0.014
185	23-Mar	13:28:44	0.019
186	23-Mar	13:29:44	0.013
187	23-Mar	13:30:44	0.015
188	23-Mar	13:31:44	0.014
189	23-Mar	13:32:44	0.014
190	23-Mar	13:33:44	0.013
191	23-Mar	13:34:44	0.014
192	23-Mar	13:35:44	0.014
193	23-Mar	13:36:44	0.014
194	23-Mar	13:37:44	0.014
195	23-Mar	13:38:44	0.014
196	23-Mar	13:39:44	0.014
197	23-Mar	13:40:44	0.013
198	23-Mar	13:41:44	0.028
199	23-Mar	13:42:44	0.037
200	23-Mar	13:43:44	0.065
201	23-Mar	13:44:44	0.03
202	23-Mar	13:45:44	0.017
203	23-Mar	13:46:44	0.017
204	23-Mar	13:47:44	0.016
205	23-Mar	13:48:44	0.024
206	23-Mar	13:49:44	0.019
207	23-Mar	13:50:44	0.02
208	23-Mar	13:51:44	0.015
209	23-Mar	13:52:44	0.014
210	23-Mar	13:53:44	0.014
211	23-Mar	13:54:44	0.015
212	23-Mar	13:55:44	0.015
213	23-Mar	13:56:44	0.014
214	23-Mar	13:57:44	0.016
215	23-Mar	13:58:44	0.014
216	23-Mar	13:59:44	0.018
217	23-Mar	14:00:44	0.016
218	23-Mar	14:01:44	0.014
219	23-Mar	14:02:44	0.014
220	23-Mar	14:03:44	0.015
221	23-Mar	14:04:44	0.016

222	23-Mar	14:05:44	0.014
223	23-Mar	14:06:44	0.016
224	23-Mar	14:07:44	0.015
225	23-Mar	14:08:44	0.015
226	23-Mar	14:09:44	0.016
227	23-Mar	14:10:44	0.016
228	23-Mar	14:11:44	0.015
229	23-Mar	14:12:44	0.017
230	23-Mar	14:13:44	0.016
231	23-Mar	14:14:44	0.019
232	23-Mar	14:15:44	0.016
233	23-Mar	14:16:44	0.016
234	23-Mar	14:17:44	0.016
235	23-Mar	14:18:44	0.017
236	23-Mar	14:19:44	0.017
237	23-Mar	14:20:44	0.02
238	23-Mar	14:21:44	0.013
239	23-Mar	14:22:44	0.015
240	23-Mar	14:23:44	0.016
241	23-Mar	14:24:44	0.018
242	23-Mar	14:25:44	0.015
243	23-Mar	14:26:44	0.019
244	23-Mar	14:27:44	0.015
245	23-Mar	14:28:44	0.015
246	23-Mar	14:29:44	0.015
247	23-Mar	14:30:44	0.016
248	23-Mar	14:31:44	0.015
249	23-Mar	14:32:44	0.017
250	23-Mar	14:33:44	0.017
251	23-Mar	14:34:44	0.02
252	23-Mar	14:35:44	0.017
253	23-Mar	14:36:44	0.017
254	23-Mar	14:37:44	0.017
255	23-Mar	14:38:44	0.016
256	23-Mar	14:39:44	0.023
257	23-Mar	14:40:44	0.171
258	23-Mar	14:41:44	0.085
259	23-Mar	14:42:44	0.035
260	23-Mar	14:43:44	0.025
261	23-Mar	14:44:44	0.028
262	23-Mar	14:45:44	0.034
263	23-Mar	14:46:44	0.045
264	23-Mar	14:47:44	0.047
265	23-Mar	14:48:44	0.035
266	23-Mar	14:49:44	0.029
267	23-Mar	14:50:44	0.03
268	23-Mar	14:51:44	0.028

269	23-Mar	14:52:44	0.028
270	23-Mar	14:53:44	0.03
271	23-Mar	14:54:44	0.031
272	23-Mar	14:55:44	0.028

pDR ID: 1
Tag Number: 08
Number of logged points: 122
Start time and date: 09:46:36 27-Mar
Elapsed time: 02:02:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.311 mg/m3
Time at maximum: 11:40:55 Mar 27
Max STEL Concentration: 0.025 mg/m3
Time at max STEL: 11:46:07 Mar 27
Overall Avg Conc: 0.017 mg/m3
Logged Data:

Point	Date	Time	Avg.(mg/m3)
1	27-Mar	09:47:36	0.024
2	27-Mar	09:48:36	0.013
3	27-Mar	09:49:36	0.02
4	27-Mar	09:50:36	0.011
5	27-Mar	09:51:36	0.012
6	27-Mar	09:52:36	0.01
7	27-Mar	09:53:36	0.009
8	27-Mar	09:54:36	0.011
9	27-Mar	09:55:36	0.008
10	27-Mar	09:56:36	0.008
11	27-Mar	09:57:36	0.009
12	27-Mar	09:58:36	0.008
13	27-Mar	09:59:36	0.006
14	27-Mar	10:00:36	0.007
15	27-Mar	10:01:36	0.009
16	27-Mar	10:02:36	0.007
17	27-Mar	10:03:36	0.006
18	27-Mar	10:04:36	0.007
19	27-Mar	10:05:36	0.007
20	27-Mar	10:06:36	0.007
21	27-Mar	10:07:36	0.004
22	27-Mar	10:08:36	0.004
23	27-Mar	10:09:36	0.005
24	27-Mar	10:10:36	0.007
25	27-Mar	10:11:36	0.005
26	27-Mar	10:12:36	0.006
27	27-Mar	10:13:36	0.008
28	27-Mar	10:14:36	0.01
29	27-Mar	10:15:36	0.014
30	27-Mar	10:16:36	0.01
31	27-Mar	10:17:36	0.009
32	27-Mar	10:18:36	0.011
33	27-Mar	10:19:36	0.011

34	27-Mar	10:20:36	0.01
35	27-Mar	10:21:36	0.012
36	27-Mar	10:22:36	0.012
37	27-Mar	10:23:36	0.011
38	27-Mar	10:24:36	0.01
39	27-Mar	10:25:36	0.009
40	27-Mar	10:26:36	0.01
41	27-Mar	10:27:36	0.015
42	27-Mar	10:28:36	0.019
43	27-Mar	10:29:36	0.021
44	27-Mar	10:30:36	0.023
45	27-Mar	10:31:36	0.015
46	27-Mar	10:32:36	0.018
47	27-Mar	10:33:36	0.02
48	27-Mar	10:34:36	0.014
49	27-Mar	10:35:36	0.015
50	27-Mar	10:36:36	0.018
51	27-Mar	10:37:36	0.026
52	27-Mar	10:38:36	0.016
53	27-Mar	10:39:36	0.022
54	27-Mar	10:40:36	0.021
55	27-Mar	10:41:36	0.019
56	27-Mar	10:42:36	0.025
57	27-Mar	10:43:36	0.023
58	27-Mar	10:44:36	0.022
59	27-Mar	10:45:36	0.017
60	27-Mar	10:46:36	0.015
61	27-Mar	10:47:36	0.02
62	27-Mar	10:48:36	0.018
63	27-Mar	10:49:36	0.02
64	27-Mar	10:50:36	0.034
65	27-Mar	10:51:36	0.021
66	27-Mar	10:52:36	0.017
67	27-Mar	10:53:36	0.026
68	27-Mar	10:54:36	0.022
69	27-Mar	10:55:36	0.017
70	27-Mar	10:56:36	0.021
71	27-Mar	10:57:36	0.02
72	27-Mar	10:58:36	0.024
73	27-Mar	10:59:36	0.024
74	27-Mar	11:00:36	0.021
75	27-Mar	11:01:36	0.018
76	27-Mar	11:02:36	0.018
77	27-Mar	11:03:36	0.022
78	27-Mar	11:04:36	0.038
79	27-Mar	11:05:36	0.045
80	27-Mar	11:06:36	0.017

81	27-Mar	11:07:36	0.017
82	27-Mar	11:08:36	0.015
83	27-Mar	11:09:36	0.03
84	27-Mar	11:10:36	0.019
85	27-Mar	11:11:36	0.021
86	27-Mar	11:12:36	0.026
87	27-Mar	11:13:36	0.016
88	27-Mar	11:14:36	0.016
89	27-Mar	11:15:36	0.016
90	27-Mar	11:16:36	0.017
91	27-Mar	11:17:36	0.018
92	27-Mar	11:18:36	0.022
93	27-Mar	11:19:36	0.018
94	27-Mar	11:20:36	0.017
95	27-Mar	11:21:36	0.02
96	27-Mar	11:22:36	0.023
97	27-Mar	11:23:36	0.016
98	27-Mar	11:24:36	0.017
99	27-Mar	11:25:36	0.016
100	27-Mar	11:26:36	0.021
101	27-Mar	11:27:36	0.016
102	27-Mar	11:28:36	0.015
103	27-Mar	11:29:36	0.017
104	27-Mar	11:30:36	0.018
105	27-Mar	11:31:36	0.017
106	27-Mar	11:32:36	0.015
107	27-Mar	11:33:36	0.017
108	27-Mar	11:34:36	0.023
109	27-Mar	11:35:36	0.019
110	27-Mar	11:36:36	0.023
111	27-Mar	11:37:36	0.017
112	27-Mar	11:38:36	0.014
113	27-Mar	11:39:36	0.02
114	27-Mar	11:40:36	0.021
115	27-Mar	11:41:36	0.073
116	27-Mar	11:42:36	0.022
117	27-Mar	11:43:36	0.015
118	27-Mar	11:44:36	0.016
119	27-Mar	11:45:36	0.02
120	27-Mar	11:46:36	0.055
121	27-Mar	11:47:36	0.018
122	27-Mar	11:48:36	0.017

pDR ID: 1
Tag Number: 09
Number of logged points: 18
Start time and date: 11:52:22 27-Mar
Elapsed time: 00:18:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.309 mg/m3
Time at maximum: 11:56:37 Mar 27
Max STEL Concentration: 0.018 mg/m3
Time at max STEL: 12:07:22 Mar 27
Overall Avg Conc: 0.017 mg/m3
Logged Data:

Point	Date	Time	Avg.(mg/m3)
1	27-Mar	11:53:22	0.014
2	27-Mar	11:54:22	0.014
3	27-Mar	11:55:22	0.012
4	27-Mar	11:56:22	0.013
5	27-Mar	11:57:22	0.078
6	27-Mar	11:58:22	0.014
7	27-Mar	11:59:22	0.013
8	27-Mar	12:00:22	0.013
9	27-Mar	12:01:22	0.021
10	27-Mar	12:02:22	0.011
11	27-Mar	12:03:22	0.013
12	27-Mar	12:04:22	0.014
13	27-Mar	12:05:22	0.011
14	27-Mar	12:06:22	0.012
15	27-Mar	12:07:22	0.014
16	27-Mar	12:08:22	0.017
17	27-Mar	12:09:22	0.014
18	27-Mar	12:10:22	0.015

APPENDIX E
HAZARDOUS WASTE DISPOSAL DOCUMENTATION

Maintenance Building Hazardous Waste Disposal Information

MANIFEST NUMBER	CARRIER	Date shipped	Tons
003150775GBF	Robbie D. Wood Inc.	3/23/17	16.53
003150772GBF	Robbie D. Wood Inc.	3/27/17	16.86
003150773GBF	Robbie D. Wood Inc.	3/27/17	16.68
003150774GBF	Robbie D. Wood Inc.	3/27/17	18.60
003150776GBF	Robbie D. Wood Inc.	3/29/17	20.07
003150777GBF	Robbie D. Wood Inc.	3/29/17	14.17
003150778GBF	Robbie D. Wood Inc.	3/29/17	17.42
001139804GBF	Robbie D. Wood Inc.	3/30/17	17.82
001139811GBF	Robbie D. Wood Inc.	4/14/17	11.07
			149.22

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150775GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott /am

Al Talbott, Safety Manager
March 24, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/23/17	003150775GBF-01	1	CM9879	3/23/17	ANNISTON PCB SITE CONSENT DECR

LD# 123133 CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box 25198 PARD

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number ~~EXEMPT~~ ALD004019048	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number 003150775 GBF

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(800)807-1187~~ (256) 231-8400

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

6. Transporter 1 Company Name: Robbie D. Wood Inc — U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	16000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/23/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark Knighton — Month 3 Day 23 Year 17

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: Donald L Malone Jr — Signature: Donald L Malone Jr — Month 03 Day 23 Year 17
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.
H132			

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: Jessica Harris — Signature — Month 3 Day 23 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(3)

k26

CWM, INC. - EMELLE ***** Receipt # 522770 ***** Page - 1

Date/Time In 3/23/17 13:19
Load Type Rolloff Federal EPA ID ALD067138891
Transporter ROBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 76840.00
Tare 43,780 .00
Net 33,060 .00
Adj. .00
Adj. Net 14,990 .00

Truck Number 400 Trailer/Contnr #1 25198 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cnt #	Cat Code	Total Quan.	W DCS V Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	003150775GBF	CW9879	SOLUTIA ANNISTON AL	1	CH	18000.00	K Kilogram	Y	PLFB	GC Undeterminable	063018-0007

SUBCC Value - NO
Doc Seq # 1 EME SOLUTIA P.O. Num COD Req'd
>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% MAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:____B17-_____ | PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG |
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL |
H20 RXN/TEMP. INITIAL NO RXN REACTS___ |
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____ |
CN_SCREEN + - (PRUSSIAN BLUE)_ __ _ |
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:
PCB CONC.(PPM)_____ SULFIDE (9030)_____
%H20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____ OK___RXN__

ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT MIC MAC (MAC INSPECT) F INC SP-VS PCB-MAC P-MAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-MAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150772GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
April 05, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/23/17	003150772GBF-01	1	CM9879	3/27/17	ANNISTON PCB SITE CONSENT DECR

Box 940

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box 940 PAID

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
	~~EXEMPT~~ ALD004019848	1	256-310-0919	003150772 GBF

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(601)607-1107~~ (256) 231-8400

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

6. Transporter 1 Company Name: Robbie D. Wood Inc — U.S. EPA ID Number: ALD062138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	~~18000~~ 15,295 JB	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/23/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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

Generator's/Offeror's Printed/Typed Name: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark Knighton — Month 3 Day 23 Year 17

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: Randy Gunter — Signature — Month 3 Day 23 Year 17
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Correct to recv'd kg wt per Mark Knighton. JB 3/31/17 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.
H132			

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: Jessica Harris — Signature: Jessica Harris — Month 3 Day 27 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(12)

PJHARRI59
JR7061RPT
C10.221.7.33
k26

CWM, INC. - EMELLE ***** Receipt # 522855 ***** Page - 1

Date/Time In 3/27/17 13:25
Load Type Rolloff Federal EPA ID ALD067136891
Transporter BOBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 60300.00
Tare 35180 .00
Net .00
Adj. 33,720 .00
Adj. Net .00
15,295 kg

Truck Number 204 Trailer/Conter #1 949 #2 #3

Rept Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cnt #	Cnt Code	Total Quan.	W	DCS Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	093150772GBF	CM9879	SOLUTIA ANNISTON AL	1	CN	18000.00	K	Kilogram	Y	PLFB	GC Undeterminable	063018-0007

Doc Seq # 1 EME SOLUTIA SUBCC Value - ND
P.O. Num COD Req'd
>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% HAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:_____B17-_____ PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN_SCREEN + - (PRUSSIAN BLUE)_____
CN SCREEN + - (CYANTESNO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:
PCB CONC.(PPM)_____ SULFIDE (9030)_____
XH20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/ 5 OK___RXN__
B
ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT HIC HAC (HAC INSPECT) F INC SP-VS PCB-HAC P-HAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-HAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150773GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
April 05, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/23/17	003150773GBF-01	1	CM9879	3/27/17	ANNISTON PCB SITE CONSENT DECR

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box 25169 PAID

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
	~~EXEMPT~~ ALD004019048			003150773 GBF

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(601)667-1187~~ (256) 231-8400

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

6. Transporter 1 Company Name: Rebbie D Wood Inc — U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	~~18000~~ 15,132 JB	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/23/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ MARK KNIGHTON — Signature: Mark Knighton — Month 3 Day 23 Year 17

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: John Evans — Signature: John Evans — Month 3 Day 23 Year 17
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Correct to rec'd kg wt per Mark Knighton. JB 3/31/17 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. H132 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: Jessica Harris — Signature — Month 3 Day 27 Year 17

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

(10)

k26

CWM, INC. - EMELLE ***** Receipt # 522847 ***** Page - 1

Date/Time In 3/27/17 11:08
Load Type Rolloff Federal EPA ID ALD067138891
Transporter ROBBIE D WOOD INC CWM Controlled
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 73540.00
Tare .00
Net 40180.00
Adj. 33360.00
Adj. Net .00

15,132kg

Truck Number 205 Trailer/Contr #1 25169 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cnt #	Cnt Code	Total Quan.	W DCS V Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	003150773GBF	CM9879	OXFORD PARK SOFTBALL OXFORD AL	1	CM	18000.00 SUBCC Value - NO	K Kilogram	Y	PLFB	GC Undeterminable	063018-0007
Doc Seq # 1			EME	SOLUTIA Scheduled Date 03/27/17 Time 15:30			P.O. Num 1092173-1					COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% NAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____
_____
_____

SPOT SAMPLE:____ R17-_____ | PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG | _____
IGN.SCREEN POS NEG | _____
H2O SOL. S F PT/SOL | _____
H2O RXN/TEMP. INITIAL NO RXN REACTS___ | _____
H2O RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____ | _____
CN__SCREEN + - (PRUSSIAN BLUE)_ _ _ | _____
CN SCREEN + - (CYANTESNO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N _____
DESCRIBE:_____
PCB CONC.(PPM)_____ SULFIDE (9030)_____ _____
REH2O BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N _____
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM _____
COMMENTS:(SAFETY/OPERATIONAL)_____ _____
_____

COMPAT. TEST W/_____OK___RXN__ _____
_____
ADD'L SPOT SAMPLE ATTACHED? Y N _____
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 SOL-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT NIC NAC (NAC INSPECT) F INC SP-VS PCB-NAC P-NAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-NAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____ _____
RELEASED FOR DISPOSAL BY:_____DATE:_____
_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150774GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
March 28, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/23/17	003150774GBF-01	1	CM9879	3/27/17	ANNISTON PCB SITE CONSENT DECR

25105

Box 25105 PAID

CWMI 1232104

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
	~~EXEMPT~~ ALD006019848	1		003150774 GBF

5. Generator's Name and Mailing Address

SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201

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

Generator's Phone: ~~(256) 231-8400~~ (256) 231-8400

6. Transporter 1 Company Name — U.S. EPA ID Number

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

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459

ALD000622464

Facility's Phone: (205)652-9721

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	18000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. CM9879 ERG-171 PO#: OSD: 3/23/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark Knighton — Month 3 Day 23 Year 17

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: CLarence C Holt — Signature: — Month 03 Day 23 Year 17

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.
H132			

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: Aquardia Greer — Signature: — Month 3 Day 27 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(12)

PAGREEN10
ldfA414HAZWASTE.VH.COM
HR7061RPT

CVH, INC. - KHELLE ***** Receipt # 522849 ***** Page - 1

Date/Time In 3/27/17 11:39
Load Type Rolloff Federal EPA ID ALD067138891
Transporter ROBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 77540.00
Tare 40,340.00
Net 37,200 .00
Adj. 16,874.00
Adj. Net .00

Truck Number 205 Trailer/Contnr #1 25105 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Invoicing	Generator Customer	Cat #	Cat Code	Total Quan.	W V	DCS Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	003150774GBF	CH9879	SOLUTIA	SOLUTIA ANNISTON AL	1	CH	18000.00	K	Kilogram	Y	PLFB	GC Undeterminable	063018-D007

SUBCC Value - NO
Doc Seq # 1 ENE SOLUTIA P.O. Num COD Req'd
>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% HAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:_____B17-_____ PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN SCREEN + - (PRUSSIAN BLUE)_ __ _
CN SCREEN + - (CYANTESNO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:_____
PCB CONC.(PPM)_____ SULFIDE (9030)_____
XH20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____OK___RXN__

ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIH OTHER_____
P-ST-5/PT ST-8 ST-8/PT HIC HAC (HAC INSPECT) F INC SP-VS PCB-HAC P-HAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-HAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150776GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
March 30, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/24/17	003150776GBF-01	1	CM9879	3/29/17	ANNISTON PCB SITE CONSENT DECR

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box ~~075~~ 25134

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
	~~EXEMPT~~ ALD 004019848	1	256-310-0919	003150776 GBF

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(800) 807-1187~~ (256) 231-8400

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

6. Transporter 1 Company Name: Robbie D Woods Inc — U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	18000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/24/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark J. Knighton — Month 3 Day 24 Year 17

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: Craig Guinter — Signature: — Month 3 Day 24 Year 17
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.
H132			

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: Jessica Harris — Signature: — Month 3 Day 29 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(10)

k26

CWM, INC. - EMELLE ***** Receipt # 522966 ***** Page - 1

Date/Time In 3/29/17 7:40
Load Type Rolloff Federal EPA ID ALD067138891
Transporter ROBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 76400.00
Tare 36260 .00
Net .00
Adj. 40140 .00
Adj. Net .00
18208 Kg

Truck Number 204 Trailer/Contar #1 25134 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cnt #	Cat Code	Total Quan.	W V	DCS Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	003150776GDF CH9879	SOLUTIA	SOLUTIA	1	CH	18000.00	K	Kilogram	Y	PLFB	GC Undeterminable	063018-0007
			ANNISTON AL				SUBCC Value - NO						
Doc Seq # 1		EME	SOLUTIA	P.O. Num									COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% NAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:____B17-_____ PHYS. DESCRIPTION_____
RAD. SCREEN POS NEG
IGN. SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN_SCREEN + - (PRUSSIAN BLUE)_ __ _
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:
PCB CONC. (PPM)_____ SULFIDE (9030)_____
XH20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____ OK___RXN_

ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT NIC NAC (NAC INSPECT) F INC SP-VS PCB-NAC P-NAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-NAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150777GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
March 30, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/24/17	003150777GBF-01	1	CM9879	3/29/17	ANNISTON PCB SITE CONSENT DECR

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box 0-2004 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
	~~EXEMPT~~ ALD004619848	1	256-310-0919	003150777 GBF

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(601)907-1187~~ (256) 231-8400

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

6. Transporter 1 Company Name: ROBBIE D. Wood Inc — U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	18000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/24/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark Knighton — Month 3 Day 24 Year 17

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: George McKenzie — Signature: George McKenzie — Month 3 Day 24 Year 17

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.
H132			

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: Jessica Harris — Signature: Jessica Harris — Month 3 Day 29 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(11)

k26

CWM, INC. - EMELLE ***** Receipt # 522978 ***** Page - 1

Date/Time In 3/29/17 8:33
Load Type Rolloff Federal EPA ID ALD067138891
Transporter BOBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 65260.00
Tare 36,920 .00
Net 28,340 .00
Adj. 12,855K.00
Adj. Net .00

Truck Number 204 Trailer/Contnr #1 0-2004 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cat #	Cat Code	Total Quan.	W DCS V Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	003150777GBF CM9879	SOLUTIA		1	CM	18000.00	K Kilogram	Y	PLFB	GC Undeterminable	063018-D007
			ANNISTON AL				SUBCC Value - HD					
Doc Seq # 1		EME	SOLUTIA				P.O. Num					COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% HAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:_____B17-_____ PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN_SCREEN + - (PRUSSIAN BLUE)_ _ _
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:_____
PCB CONC.(PPM)_____ SULFIDE (9030)_____
WH20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____ OK___RXN__
ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT HIC HAC (HAC INSPECT) F INC SP-VS PCB-HAC P-HAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-HAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM
Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 003150778GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott / cm

Al Talbott, Safety Manager
April 05, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/24/17	003150778GBF-01	1	CM9879	3/29/17	ANNISTON PCB SITE CONSENT DECR

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Box 2330 PARD. 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
	~~EXEMPT~~ ALD004519048	1	256-310-0919	003150778 GBF

GENERATOR

5. Generator's Name and Mailing Address
SOLUTIA, INC - ANNISTON PCB SITE
702 CLYDESDALE AVE
ANNISTON AL 36201
Generator's Phone: ~~(601) 307-1107~~ (256) 231-8400

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

6. Transporter 1 Company Name: Robbie D Wood Inc — U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
HIGHWAY 17 NORTH, MILE MARKER 163
EMELLE AL 35459
Facility's Phone: (205)652-9721
U.S. EPA ID Number: ALD000622464

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
X	1. UN3432,RQ,POLYCHLORINATED BIPHENYLS,SOLID,9,III CM9879	001	CM	~~10000~~ 15,803 JB	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM9879 ERG-171 PO#: OSD: 3/24/17

ERI PROVIDER: CHEMTREC (CONTRACT CCN24117)

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: ~~JERRY HOPPER~~ Mark Knighton — Signature: Mark Knighton — Month 3 Day 24 Year 17

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: Darren Bruce — Signature — Month 3 Day 27 Year 17
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Correct to avid kept per Mark Knighton. JB 3/31/17 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.
H132			

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: Aquandria Brear — Signature — Month 3 Day 29 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(12)

CWM, INC. - ROBBLE ***** Receipt # 522987 ***** Page - 1

Date/Time In 3/29/17 9:54
Load Type Rolloff Federal EPA ID ALD067136891
Transporter ROBBIE D WOOD INC
DOLOMITE AL

Truck Number 204 Trailer/Contar #1 2530 #2 #3

** WEIGHT SUMMARY **
Gross 71680.00
Tare .00
Net 36840 .00
Adj. 34840 .00
Adj. Net .00

15,803 kg

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Invoicing	Generator Customer	Cnt #	Cnt Code	Total Quan.	W/V	DOS Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	083150778GDF	CN9879	SOLUTIA		1	CN	18000.00	K	Kilogram	Y	PLFB	GC Undeterminable	063018-D007
				ANNISTON AL				SUBCC Value - NO						
Doc Seq # 1		ENE		SOLUTIA				P.O. Num						COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% NAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:____B17-_____ PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. SHIN. NO RXN REACTS
ph (PAPER)_____
CN SCREEN + - (PRUSSIAN BLUE)_ _ _
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:
PCB CONC.(PPM)_____ SULFIDE (9030)_____
RX20 BY KF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____OK___RXN_

ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIH OTHER_____
P-ST-5/PT ST-8 ST-8/PT NIC NAC (NAC INSPECT) F INC SP-VS PCB-NAC P-NAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-NAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: LAURIE ROPER

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 001139804GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
April 05, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
3/24/17	01139804GBF-01	1	CM9879	3/30/17	ANNISTON PCB SITE CONSENT DECR

876

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) [illegible] 876 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
	ALD004019048		256-310-0719	001139804 GBF

5. Generator's Name and Mailing Address: Solutia, Inc. - Anniston PCB Site, 702 Clydesdale Ave., Anniston, AL 36201, (256) 231-8400
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: Robbie A Wood Inc. U.S. EPA ID Number: ALD067138891

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

8. Designated Facility Name and Site Address: Chemical Waste Management, Hwy 17 North, Mile Marker 163, Emelle, AL 35459 U.S. EPA ID Number: ALD. 000622464
Facility's Phone: 205-652-9721

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. UN 3432, RQ, Polychlorinated Biphenyls, Solids, 9, III	001	CM	18000 16,166 JB	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CM 9079 ERG-171 O.O./ 3/24/17
ERI Provide - Chemtrec (Contract CCN24117)

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: Mark Knighton Signature: Mark Knighton Month 3 Day 24 Year 17

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: Earnest Winston Signature: Earnest Winston Month 3 Day 24 Year 17
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Correct to recv'd Kg wt per Mark Knighton. JB 3/31/17 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. H132 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: Jessica Harris Signature: Jessica Harris Month 3 Day 30 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(10)

k26

CWM, INC. - EMELLE ***** Receipt # 923853 ***** Page - 1

Date/Time In 3/30/17 10:14
Load Type Rolloff Federal EPA ID ALD067138891
Transporter ROBBIE D WOOD INC
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 71260.00
Tare .00
Net 35620.00
Adj. 35,640.00
Adj. Net .00
16,164 kg

Truck Number 204 Trailer/Contnr #1 876 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cat #	Cat Code	Total Quan.	W DCS V Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	001139804SBF	CM9879	SOLUTIA ANNISTON AL	1	CM	18000.00	K Kilogram	Y	PLFB	GC Undeterminable	063018-0007
		Doc Seq # 1	EME	SOLUTIA			SURCC Value - NO P.O. Num					COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% HAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ USED DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:____B17-_____ PHYS. DESCRIPTION_____
RAD.SCREEN POS NEG
IGN.SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN_SCREEN + - (PRUSSIAN BLUE)_ __ _
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y N
DESCRIBE:_____
PCB CONC.(PPM)_____ SULFIDE (9030)_____
XH20 BY HF_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ HOC CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____ OK___RXN_

ADD'L SPOT SAMPLE ATTACHED? Y N
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIH OTHER_____
P-ST-5/PT ST-8 ST-8/PT NIC HAC (HAC INSPECT) F INC SP-VS PCB-HAC P-HAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-HAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____ DATE:_____

WM

Chemical Waste Managment
P.O. Box 55
36964 Alabama Hwy 17
Emelle, AL 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

Attn: MARK KNIGHTON

Site Information

SOLUTIA INC
702 CLYDESDALE AVE

ANNISTON, AL 36201-5328

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
SOLUTIA INC

as described on Hazardous Waste Manifest Number 001139811GBF-1
Waste Management, Inc. hereby certifies that the above described material (excluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Al Talbott/cm

Al Talbott, Safety Manager
April 21, 2017

OSD	Unique ID	Cont #	Profile	Disposed	Description
4/13/17	001139811GBF-01	1	CM9879	4/14/17	ANNISTON PCB SITE CONSENT DECR

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

Box 743 PARD. 1233441

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
ALD004019048		256-231-8401	001139811 GBF

GENERATOR

5. Generator's Name and Mailing Address: Solution, Inc. 702 Clydesdale, Ave Anniston, AL 36201
Generator's Phone: 256-231-8400
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Robbie D. Wood
U.S. EPA ID Number: ALD006713891

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

8. Designated Facility Name and Site Address: Chemical Waste Management Hwy 17 North, Mile Marker 163 Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD006224644

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. UN 3432, RQ, Polychlorinated Biphenyls Solids, 9, III	001	CM	18000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
CM9879 ERG-171 OSD- 4/13/17

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: Mark J. Knighton
Signature: Mark J Knighton
Month 04 Day 13 Year 17

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: CLarence C Holt
Signature:
Month 04 Day 13 Year 17

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.
H132			

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: Jessica Harris
Signature: Jessica Harris
Month 04 Day 14 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(10)

k28

CWM, INC. - EMELLE ***** Receipt # 523559 ***** Page - 1

Date/Time In 4/14/17 7:29
Load Type Rolloff Federal EPA ID ALD067138091
Transporter ROBBIE D WOOD INC CWM Controlled
DOLOMITE AL

** WEIGHT SUMMARY **
Gross 57340.00
Tare 35,200 .00
Net 22,140 .00
Adj. 10,043 KG .00
Adj. Net .00

Truck Number 204 Trailer/Contnr #1 743 #2 #3

Rcpt Ln#	Doc Ln#	Document Number	Profile Sales	Profile Generator Invoicing Customer	Cat #	Cat Code	Total Quan.	W DCS V Units	PCB	Sched Cat	Federal EPA Waste Status	ADEM #
1	1	001139811GBF	CM9879	SOLUTIA ANNISTON AL	1	CH	18000.00 SUBCC Value - NO	K Kilogram	Y	PLFB	GC Undeterminable	063018-0007
Doc Seq # 1			EME	SOLUTIA Scheduled Date 04/14/17 Time 15:30 1093619-1			P.O. Num					COD Req'd

>51% OR <51% DEBRIS (CIRCLE)
PREFILLED VAULT Y OR N (CIRCLE)
>51% OR <51% HAC 10% INSPECTION (CIRCLE)
BULK MATERIAL ONLY:
SAMPLED/INSPECTED_____ FREE LIQUIDS DETECTED? YES / NO
SELECT MATERIAL/NON-SELECT MATERIAL_____ WIND DISPERSAL MATERIAL? YES / NO

PHYSICAL DESCRIPTION OF WASTE:_____ SAMPLER/APPROVAL_____

SPOT SAMPLE:_____B17-_____ PHYS. DESCRIPTION_____
RAD. SCREEN POS NEG
IGN. SCREEN POS NEG
H20 SOL. S F PT/SOL
H20 RXN/TEMP. INITIAL NO RXN REACTS___
H20 RXN/TEMP. 5MIN. NO RXN REACTS
ph (PAPER)_____
CN__SCREEN + - (PRUSSIAN BLUE)_ __ _
CN SCREEN + - (CYANTESMO)
SULFIDE SCREEN + -
ADDITIONAL ANALYTICAL REQ'D? Y__N_____
DESCRIBE:_____
PCB CONC. (PPM)_____ SULFIDE (9030)_____
%H20 BY WT_____ CYANIDE (9010C)_____ TAB WASTE Y N
PAINT FILTER TEST/ P F SPEC. GRAVITY_____ BNZ CONC.____PPM
COMMENTS:(SAFETY/OPERATIONAL)_____

COMPAT. TEST W/_____OK___RXN__

ADD'L SPOT SAMPLE ATTACHED?__Y__N_____
DISPOSAL METHOD: S SP ST-3 ST-3/PT P-ST-3 P-ST-3/PT ST-5 ST-5/PT P-ST-5 S01-PTA B-PIN OTHER_____
P-ST-5/PT ST-8 ST-8/PT HIC HAC (HAC INSPECT) F IBC SP-VS PCB-HAC P-HAC
P-ST-8 P-ST-8/PT VS-3 VS-5 VS-8
INDICATOR PARAMETER WILL BE CIRCLED
B-HAC LOADS REQUIRING INSPECTION THAT ARE FOUND TO BE LESS THAN 51% MUST
BE RETURNED TO LAB AND PLACED ON HOLD._____
RELEASED FOR DISPOSAL BY:_____DATE:_____

APPENDIX F
CONFIRMATORY SAMPLING LABORATORY DATA REPORT

TABLE 1
CITY OF OXFORD
MAINTENANCE BUILDING CONSTRUCTION PROJECT DATA
ANNISTON PCB SITE
Anniston, Alabama

FIELD SAMPLE ID	SAMPLE DATE	QA TYPE	DEPTH MIN (feet)	DEPTH MAX (feet)	TOTAL PCB (mg/kg)	TOTAL PCB SCREENING (IMMUNOASSAY) (ppm)	NORTHING	EASTING
032317-1	3/23/17	Original	3	3.25	6.43 J	> 1, < 50	1130493.2	659482.1
032317-2	3/23/17	Original	3	3.25	16.8 J	> 1, < 50	1130547.6	659487.8
032317-3	3/23/17	Original	2	2.25	58.5 J	> 50	1130568.8	659470.0
032317-4	3/23/17	Original	4	4.25	67.3 J	> 50	1130521.4	659392.4
032317-5	3/23/17	Original	4	4.25	0.195 J	> 1, < 50	1130532.2	659579.9
032317-6	3/23/17	Original	4	4.25	0.115 J	< 1	1130526.4	659572.2
032317-6-X	3/23/17	Field Duplicate	4	4.25	0.093 J	< 1	1130526.4	659572.2
032317-7	3/23/17	Original	1.5	1.75	0.37 J	<1	1130623.4	659473.4
032317-8	3/23/17	Original	1.5	1.75	1.04 J	> 1, < 50	1130632.6	659473.8

Notes:
J - Estimated
mg/kg - milligrams per kilogram
ppm - parts per million
PCB - polychlorinated biphenyl
Total PCB Screening (Immunoassay) concentrations are determined by EPA Method 4020 (Immunoassay Field Screening Test Methods).

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Company Name: _____ Project Manager: _____

Project Name: Solutia Off-Site Maintenance Building Project Number: _____

Reviewer: Michael Price Validation Date: 05/01/2017

Laboratory: Test America Savannah SDG #:680-136754-1

Analytical Method (type and no.): PCB (8081B/8082A)

Matrix: ☐ Air ☒ Soil/Sed. ☒ Water ☐ Waste ☐ _____

Sample Names: 032317-1, 132317-2, 032317-3, 032317-4, 032317-5, 032317-6, 032617-6-X, 032317-7, 032317-8, 032317-6-Y

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	
b) Sampling team indicated?	☒	☐	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☒	☐	☐	
e) Sample type indicated (grab/composite)?	☒	☐	☐	
f) Field QC noted?	☒	☐	☐	
g) Field parameters collected (note types)?	☐	☒	☐	
h) Field Calibration within control limits?	☐	☐	☒	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies?	☒	☐	☐	

Note Deficiencies: Samples received out of temperature (8.2°C). All qualified as estimated.

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
a) Was the COC properly completed?	☒	☐	☐	
b) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
c) Were samples received in good condition?	☒	☐	☐	

General (reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☒	☐	☐	032317-1, 032317-2, 032317-3, 032317-4
g) Were any matrix problems noted?	☒	☐	☐	1268 Interference w/ DCB

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☒	☐	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?				032317-6 and 032317-6-X
	☒	☐	☐	1254: <2XDL, 1260: <2XDL
b) Were field dup. precision criteria met (note RPD)?	☒	☐	☐	
c) Were lab duplicates analyzed (note original and duplicate samples)?				
	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☐	☒	☐	Elevated recovery for 1016
Recovery could not be calculated since sample contained high concentration of analyte?	☒	☐	☐	1260 could not be calculated
b) Was MSD accuracy criteria met?	☐	☒	☐	Elevated recovery for 1016
Recovery could not be calculated since sample contained high concentration of analyte?	☒	☐	☐	1260 could not be calculated
c) Were MS/MSD precision criteria met?	☒	☐	☐	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☒	☒	☐	See below
b) Were surrogate recoveries not calculated due to dilutions?	☐	☒	☐	

Comments/Notes:

Several samples had elevated DCB recoveries w/ 1268 present, TCX recoveries acceptable, no data affected. Sample 032317-8 had acceptable DCB recoveries w/ 1268 present, TCX recoveries acceptable, no data affected.

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason
032317-1	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-1	1254	3500	J	Sample received out of temperature.
032317-1	1260	2100	J	Sample received out of temperature.
032317-1	1268	830	J	Sample received out of temperature.
032317-2	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-2	1254	9100	J	Sample received out of temperature.
032317-2	1260	5800	J	Sample received out of temperature.
032317-2	1268	1900	J	Sample received out of temperature.
032317-3	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-3	1254	34000	J	Sample received out of temperature.
032317-3	1260	18000	J	Sample received out of temperature.
032317-3	1268	6500	J	Sample received out of temperature.
032317-4	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-4	1254	39000	J	Sample received out of temperature.
032317-4	1260	21000	J	Sample received out of temperature.
032317-4	1268	7300	J	Sample received out of temperature.
032317-5	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-5	1254	110	J	Sample received out of temperature.
032317-5	1260	85	J	Sample received out of temperature.
032317-6	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-6	1254	60	J	Sample received out of temperature, and >40% D between GC columns.
032317-6	1260	55	J	Sample received out of temperature.
032317-7	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-7	1254	220	J	Sample received out of temperature, and >40% D between GC columns.
032317-7	1260	150	J	Sample received out of temperature.
032317-8	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-8	1254	540	J	Sample received out of temperature, and >40% D between GC columns.
032317-8	1260	370	J	Sample received out of temperature.
032317-8	1268	130	J	Sample received out of temperature.
032317-6-X	All ND Aroclors	BDL	UJ	Sample received out of temperature.
032317-6-X	1254	51	J	Sample received out of temperature, and >40% D between GC columns.
032317-6-X	1260	42	J	Sample received out of temperature.

QA LEVEL II - ORGANIC DATA EVALUATION CHECKLIST

Sample Name	Constituent(s)	Result	Qualifier	Reason
032317-6-Y	All Aroclors	BDL	UJ	Sample received out of temperature.

Signature: _____ Date: 05/01/2017

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-1
Date Collected: 03/23/17 09:40
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-1
Matrix: Solid
Percent Solids: 82.8

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U F1	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1254	**3500**		400		ug/Kg	☼	03/27/17 09:06	03/28/17 22:10	10
PCB-1260	**2100**		400		ug/Kg	☼	03/27/17 09:06	03/28/17 22:10	10
PCB-1268	**830**		40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*470*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 20:46*	*1*
Tetrachloro-m-xylene	*93*		*46 - 130*	*03/27/17 09:06*	*03/27/17 20:46*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-2
Date Collected: 03/23/17 09:45
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-2
Matrix: Solid
Percent Solids: 77.9

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	42	U J	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1221	42	U J	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1232	42	U J	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1242	42	U J	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1248	42	U J	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1254	**9100**	J	1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25
PCB-1260	**5800**	J	1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25
PCB-1268	**1900**	J	1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*227*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 21:03*	*1*
Tetrachloro-m-xylene	*80*		*46 - 130*	*03/27/17 09:06*	*03/27/17 21:03*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-3
Date Collected: 03/23/17 10:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-3
Matrix: Solid
Percent Solids: 82.1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	39	U J	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1221	39	U J	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1232	39	U J	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1242	39	U J	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1248	39	U J	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1254	**34000**	J	3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100
PCB-1260	**18000**	J	3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100
PCB-1268	**6500**	J	3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*892*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 21:19*	*1*
Tetrachloro-m-xylene	*91*		*46 - 130*	*03/27/17 09:06*	*03/27/17 21:19*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-4
Date Collected: 03/23/17 11:25
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-4
Matrix: Solid
Percent Solids: 74.8

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1221	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1232	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1242	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1248	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1254	**39000**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100
PCB-1260	**21000**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100
PCB-1268	**7300**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*1097*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 23:16*	*1*
Tetrachloro-m-xylene	*88*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:16*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-5
Date Collected: 03/23/17 13:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-5
Matrix: Solid
Percent Solids: 72.3

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1221	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1232	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1242	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1248	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1254	**110**		45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1260	**85**		45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1268	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*54 - 133*	*03/27/17 09:06*	*03/27/17 23:32*	*1*
Tetrachloro-m-xylene	*80*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:32*	*1*

Client Sample ID: 032317-6
Date Collected: 03/23/17 13:20
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-6
Matrix: Solid
Percent Solids: 80.7

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1254	**60**	**p**	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1260	**55**		40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1268	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*54 - 133*	*03/27/17 09:06*	*03/27/17 23:49*	*1*
Tetrachloro-m-xylene	*88*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:49*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-7
Date Collected: 03/23/17 13:50
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-7
Matrix: Solid
Percent Solids: 79.2

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1221	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1232	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1242	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1248	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1254	**220**	**p**	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1260	**150**		42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1268	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:06*	*1*
Tetrachloro-m-xylene	*86*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:06*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-8
Date Collected: 03/23/17 13:55
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-8
Matrix: Solid
Percent Solids: 65.5

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1221	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1232	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1242	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1248	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1254	**540**	**p**	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1260	**370**		50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1268	**130**		50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:22*	*1*
Tetrachloro-m-xylene	*86*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:22*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6-X
Date Collected: 03/23/17 13:20
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-9
Matrix: Solid
Percent Solids: 80.2

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1254	**51**	**p**	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1260	**42**		40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1268	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:39*	*1*
Tetrachloro-m-xylene	*82*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:39*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6-Y
Date Collected: 03/24/17 11:50
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-10
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1221	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1232	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1242	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1248	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1254	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1260	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1268	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*14 - 130*	*03/27/17 12:57*	*03/28/17 20:30*	*1*
Tetrachloro-m-xylene	*62*		*40 - 130*	*03/27/17 12:57*	*03/28/17 20:30*	*1*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-136754-1
Client Project/Site: Anniston - Maintenance Building

For:
Genesis Project, Inc.
702 Clydesdale Ave
Anniston, Alabama 36201-5390

Attn: Mr. Mike Price

Kathryn Smith

Authorized for release by:
3/29/2017 6:37:49 PM

Kathryn Smith, Senior Project Manager
(912)354-7858
kathy.smith@testamericainc.com

Job ID: 680-136754-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Genesis Project, Inc.
Project: Anniston - Maintenance Building

Report Number: 680-136754-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 03/25/2017; the samples arrived in good condition, with a cooler temperature of 8.2 C.

PESTICIDES AND PCBS
Samples 032317-1 (680-136754-1), 032317-2 (680-136754-2), 032317-3 (680-136754-3), 032317-4 (680-136754-4), 032317-5 (680-136754-5), 032317-6 (680-136754-6), 032317-7 (680-136754-7), 032317-8 (680-136754-8) and 032317-6-X (680-136754-9) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 03/27/2017 and analyzed on 03/27/2017 and 03/28/2017.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: 032317-1 (680-136754-1), 032317-2 (680-136754-2), 032317-3 (680-136754-3), 032317-4 (680-136754-4), (680-136754-A-1-B MS) and (680-136754-A-1-C MSD). These results have been reported and qualified. The surrogate DCB is high biased due to the presence of PCB 1268.

PCB-1016 and PCB-1260 recovered high for the MS/MSD of sample 032317-1 (680-136754-1) in batch 680-474018.

Samples 032317-1 (680-136754-1)[10X], 032317-2 (680-136754-2)[25X], 032317-3 (680-136754-3)[100X] and 032317-4 (680-136754-4) [100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PESTICIDES AND PCBS
Sample 032317-6-Y (680-136754-10) was analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 03/27/2017 and analyzed on 03/28/2017.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS/MOISTURE
Samples 032317-1 (680-136754-1), 032317-2 (680-136754-2), 032317-3 (680-136754-3), 032317-4 (680-136754-4), 032317-5 (680-136754-5), 032317-6 (680-136754-6), 032317-7 (680-136754-7), 032317-8 (680-136754-8) and 032317-6-X (680-136754-9) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 03/28/2017.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-136754-1	032317-1	Solid	03/23/17 09:40	03/25/17 11:55
680-136754-2	032317-2	Solid	03/23/17 09:45	03/25/17 11:55
680-136754-3	032317-3	Solid	03/23/17 10:15	03/25/17 11:55
680-136754-4	032317-4	Solid	03/23/17 11:25	03/25/17 11:55
680-136754-5	032317-5	Solid	03/23/17 13:15	03/25/17 11:55
680-136754-6	032317-6	Solid	03/23/17 13:20	03/25/17 11:55
680-136754-7	032317-7	Solid	03/23/17 13:50	03/25/17 11:55
680-136754-8	032317-8	Solid	03/23/17 13:55	03/25/17 11:55
680-136754-9	032317-6-X	Solid	03/23/17 13:20	03/25/17 11:55
680-136754-10	032317-6-Y	Water	03/24/17 11:50	03/25/17 11:55

Method Summary

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Method	Method Description	Protocol	Laboratory
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-1
Date Collected: 03/23/17 09:40
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-1
Matrix: Solid
Percent Solids: 82.8

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U F1	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1
PCB-1254	**3500**		400		ug/Kg	☼	03/27/17 09:06	03/28/17 22:10	10
PCB-1260	**2100**		400		ug/Kg	☼	03/27/17 09:06	03/28/17 22:10	10
PCB-1268	**830**		40		ug/Kg	☼	03/27/17 09:06	03/27/17 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*470*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 20:46*	*1*
Tetrachloro-m-xylene	*93*		*46 - 130*	*03/27/17 09:06*	*03/27/17 20:46*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-2
Date Collected: 03/23/17 09:45
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-2
Matrix: Solid
Percent Solids: 77.9

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	42	U	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1221	42	U	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1232	42	U	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1242	42	U	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1248	42	U	42		ug/Kg	☼	03/27/17 09:06	03/27/17 21:03	1
PCB-1254	**9100**		1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25
PCB-1260	**5800**		1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25
PCB-1268	**1900**		1100		ug/Kg	☼	03/27/17 09:06	03/28/17 22:27	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*227*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 21:03*	*1*
Tetrachloro-m-xylene	*80*		*46 - 130*	*03/27/17 09:06*	*03/27/17 21:03*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-3
Date Collected: 03/23/17 10:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-3
Matrix: Solid
Percent Solids: 82.1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	39	U	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1221	39	U	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1232	39	U	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1242	39	U	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1248	39	U	39		ug/Kg	☼	03/27/17 09:06	03/27/17 21:19	1
PCB-1254	**34000**		3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100
PCB-1260	**18000**		3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100
PCB-1268	**6500**		3900		ug/Kg	☼	03/27/17 09:06	03/28/17 22:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*892*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 21:19*	*1*
Tetrachloro-m-xylene	*91*		*46 - 130*	*03/27/17 09:06*	*03/27/17 21:19*	*1*

Client Sample Results

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-4
Date Collected: 03/23/17 11:25
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-4
Matrix: Solid
Percent Solids: 74.8

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1221	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1232	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1242	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1248	44	U	44		ug/Kg	☼	03/27/17 09:06	03/27/17 23:16	1
PCB-1254	**39000**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100
PCB-1260	**21000**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100
PCB-1268	**7300**		4400		ug/Kg	☼	03/27/17 09:06	03/28/17 23:00	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*1097*	*X*	*54 - 133*	*03/27/17 09:06*	*03/27/17 23:16*	*1*
Tetrachloro-m-xylene	*88*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:16*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-5
Date Collected: 03/23/17 13:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-5
Matrix: Solid
Percent Solids: 72.3

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1221	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1232	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1242	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1248	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1254	**110**		45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1260	**85**		45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1
PCB-1268	45	U	45		ug/Kg	☼	03/27/17 09:06	03/27/17 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*54 - 133*	*03/27/17 09:06*	*03/27/17 23:32*	*1*
Tetrachloro-m-xylene	*80*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:32*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6
Date Collected: 03/23/17 13:20
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-6
Matrix: Solid
Percent Solids: 80.7

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1254	**60**	**p**	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1260	**55**		40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1
PCB-1268	40	U	40		ug/Kg	☼	03/27/17 09:06	03/27/17 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*54 - 133*	*03/27/17 09:06*	*03/27/17 23:49*	*1*
Tetrachloro-m-xylene	*88*		*46 - 130*	*03/27/17 09:06*	*03/27/17 23:49*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-7
Date Collected: 03/23/17 13:50
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-7
Matrix: Solid
Percent Solids: 79.2

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1221	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1232	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1242	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1248	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1254	**220**	**p**	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1260	**150**		42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1
PCB-1268	42	U	42		ug/Kg	☼	03/27/17 09:06	03/28/17 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:06*	*1*
Tetrachloro-m-xylene	*86*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:06*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-8
Date Collected: 03/23/17 13:55
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-8
Matrix: Solid
Percent Solids: 65.5

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1221	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1232	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1242	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1248	50	U	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1254	**540**	**p**	50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1260	**370**		50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1
PCB-1268	**130**		50		ug/Kg	☼	03/27/17 09:06	03/28/17 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:22*	*1*
Tetrachloro-m-xylene	*86*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:22*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6-X
Date Collected: 03/23/17 13:20
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-9
Matrix: Solid
Percent Solids: 80.2

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1221	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1232	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1242	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1248	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1254	**51**	**p**	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1260	**42**		40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1
PCB-1268	40	U	40		ug/Kg	☼	03/27/17 09:06	03/28/17 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*54 - 133*	*03/27/17 09:06*	*03/28/17 00:39*	*1*
Tetrachloro-m-xylene	*82*		*46 - 130*	*03/27/17 09:06*	*03/28/17 00:39*	*1*

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6-Y
Date Collected: 03/24/17 11:50
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-10
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1221	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1232	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1242	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1248	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1254	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1260	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1
PCB-1268	1.0	U	1.0		ug/L		03/27/17 12:57	03/28/17 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*14 - 130*	*03/27/17 12:57*	*03/28/17 20:30*	*1*
Tetrachloro-m-xylene	*62*		*40 - 130*	*03/27/17 12:57*	*03/28/17 20:30*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-473751/10-A
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1221	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1232	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1242	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1248	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1254	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1260	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1
PCB-1268	33	U	33		ug/Kg		03/27/17 09:06	03/27/17 17:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*54 - 133*	*03/27/17 09:06*	*03/27/17 17:59*	*1*
Tetrachloro-m-xylene	*79*		*46 - 130*	*03/27/17 09:06*	*03/27/17 17:59*	*1*

Lab Sample ID: LCS 680-473751/11-A
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	393	333		ug/Kg		85	43 - 130
PCB-1260	393	347		ug/Kg		88	45 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*91*		*54 - 133*
Tetrachloro-m-xylene	*89*		*46 - 130*

Lab Sample ID: LCSSRM 680-473751/14-A
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	1500	1800		ug/Kg		120	44 - 188
PCB-1254	3000	3470		ug/Kg		116	45 - 170
PCB-1260	2000	2640		ug/Kg		132	51 - 178
PCB-1268	1500	1770		ug/Kg		118	52 - 137

Surrogate	*LCSSRM %Recovery*	*LCSSRM Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*54 - 133*
Tetrachloro-m-xylene	*88*		*46 - 130*

Lab Sample ID: 680-136754-1 MS
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: 032317-1
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	40	U F1	478	2690	E F1	ug/Kg	☼	562	43 - 130

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-136754-1 MS
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: 032317-1
Prep Type: Total/NA
Prep Batch: 473751

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	468	X	54 - 133
Tetrachloro-m-xylene	92		46 - 130

Lab Sample ID: 680-136754-1 MS
Matrix: Solid
Analysis Batch: 474018

Client Sample ID: 032317-1
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	2100		478	2780	4	ug/Kg	☼	133	45 - 130

Lab Sample ID: 680-136754-1 MSD
Matrix: Solid
Analysis Batch: 473807

Client Sample ID: 032317-1
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	40	U F1	474	2470	E F1	ug/Kg	☼	522	43 - 130	8	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	521	X	54 - 133
Tetrachloro-m-xylene	98		46 - 130

Lab Sample ID: 680-136754-1 MSD
Matrix: Solid
Analysis Batch: 474018

Client Sample ID: 032317-1
Prep Type: Total/NA
Prep Batch: 473751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	2100		474	2960	4	ug/Kg	☼	171	45 - 130	6	50

Lab Sample ID: MB 680-473788/17-A
Matrix: Water
Analysis Batch: 473960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473788

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1221	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1232	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1242	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1248	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1254	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1260	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1
PCB-1268	0.10	U	0.10		ug/L		03/27/17 12:57	03/28/17 15:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		14 - 130	03/27/17 12:57	03/28/17 15:13	1
Tetrachloro-m-xylene	63		40 - 130	03/27/17 12:57	03/28/17 15:13	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-473788/20-A
Matrix: Water
Analysis Batch: 473960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473788

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.600	0.373		ug/L		62	44 - 130		
PCB-1260			0.600	0.442		ug/L		74	35 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*65*		*14 - 130*
Tetrachloro-m-xylene	*54*		*40 - 130*

Lab Sample ID: LCSD 680-473788/21-A
Matrix: Water
Analysis Batch: 473960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 473788

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.600	0.400		ug/L		67	44 - 130	7	30
PCB-1260			0.600	0.434		ug/L		72	35 - 130	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*14 - 130*
Tetrachloro-m-xylene	*66*		*40 - 130*

GC Semi VOA

Prep Batch: 473751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-1	032317-1	Total/NA	Solid	3546	
680-136754-2	032317-2	Total/NA	Solid	3546	
680-136754-3	032317-3	Total/NA	Solid	3546	
680-136754-4	032317-4	Total/NA	Solid	3546	
680-136754-5	032317-5	Total/NA	Solid	3546	
680-136754-6	032317-6	Total/NA	Solid	3546	
680-136754-7	032317-7	Total/NA	Solid	3546	
680-136754-8	032317-8	Total/NA	Solid	3546	
680-136754-9	032317-6-X	Total/NA	Solid	3546	
MB 680-473751/10-A	Method Blank	Total/NA	Solid	3546	
LCS 680-473751/11-A	Lab Control Sample	Total/NA	Solid	3546	
LCSSRM 680-473751/14-A	Lab Control Sample	Total/NA	Solid	3546	
680-136754-1 MS	032317-1	Total/NA	Solid	3546	
680-136754-1 MSD	032317-1	Total/NA	Solid	3546	

Prep Batch: 473788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-10	032317-6-Y	Total/NA	Water	3520C	
MB 680-473788/17-A	Method Blank	Total/NA	Water	3520C	
LCS 680-473788/20-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-473788/21-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 473807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-1	032317-1	Total/NA	Solid	8081B/8082A	473751
680-136754-2	032317-2	Total/NA	Solid	8081B/8082A	473751
680-136754-3	032317-3	Total/NA	Solid	8081B/8082A	473751
MB 680-473751/10-A	Method Blank	Total/NA	Solid	8081B/8082A	473751
LCS 680-473751/11-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	473751
LCSSRM 680-473751/14-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	473751
680-136754-1 MS	032317-1	Total/NA	Solid	8081B/8082A	473751
680-136754-1 MSD	032317-1	Total/NA	Solid	8081B/8082A	473751

Analysis Batch: 473878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-4	032317-4	Total/NA	Solid	8081B/8082A	473751
680-136754-5	032317-5	Total/NA	Solid	8081B/8082A	473751
680-136754-6	032317-6	Total/NA	Solid	8081B/8082A	473751
680-136754-7	032317-7	Total/NA	Solid	8081B/8082A	473751
680-136754-8	032317-8	Total/NA	Solid	8081B/8082A	473751
680-136754-9	032317-6-X	Total/NA	Solid	8081B/8082A	473751

Analysis Batch: 473960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-10	032317-6-Y	Total/NA	Water	8081B/8082A	473788
MB 680-473788/17-A	Method Blank	Total/NA	Water	8081B/8082A	473788
LCS 680-473788/20-A	Lab Control Sample	Total/NA	Water	8081B/8082A	473788
LCSD 680-473788/21-A	Lab Control Sample Dup	Total/NA	Water	8081B/8082A	473788

GC Semi VOA (Continued)

Analysis Batch: 474018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-1	032317-1	Total/NA	Solid	8081B/8082A	473751
680-136754-2	032317-2	Total/NA	Solid	8081B/8082A	473751
680-136754-3	032317-3	Total/NA	Solid	8081B/8082A	473751
680-136754-4	032317-4	Total/NA	Solid	8081B/8082A	473751
680-136754-1 MS	032317-1	Total/NA	Solid	8081B/8082A	473751
680-136754-1 MSD	032317-1	Total/NA	Solid	8081B/8082A	473751

General Chemistry

Analysis Batch: 474015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-136754-1	032317-1	Total/NA	Solid	Moisture	
680-136754-2	032317-2	Total/NA	Solid	Moisture	
680-136754-3	032317-3	Total/NA	Solid	Moisture	
680-136754-4	032317-4	Total/NA	Solid	Moisture	
680-136754-5	032317-5	Total/NA	Solid	Moisture	
680-136754-6	032317-6	Total/NA	Solid	Moisture	
680-136754-7	032317-7	Total/NA	Solid	Moisture	
680-136754-8	032317-8	Total/NA	Solid	Moisture	
680-136754-9	032317-6-X	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-1
Date Collected: 03/23/17 09:40
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-1
Date Collected: 03/23/17 09:40
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-1
Matrix: Solid
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473807	03/27/17 20:46	JCK	TAL SAV
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		10	474018	03/28/17 22:10	JCK	TAL SAV

Client Sample ID: 032317-2
Date Collected: 03/23/17 09:45
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-2
Date Collected: 03/23/17 09:45
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-2
Matrix: Solid
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473807	03/27/17 21:03	JCK	TAL SAV
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		25	474018	03/28/17 22:27	JCK	TAL SAV

Client Sample ID: 032317-3
Date Collected: 03/23/17 10:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-3
Date Collected: 03/23/17 10:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-3
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV

Lab Chronicle

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-3
Date Collected: 03/23/17 10:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-3
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081B/8082A		1	473807	03/27/17 21:19	JCK	TAL SAV
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		100	474018	03/28/17 22:44	JCK	TAL SAV

Client Sample ID: 032317-4
Date Collected: 03/23/17 11:25
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-4
Date Collected: 03/23/17 11:25
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-4
Matrix: Solid
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/27/17 23:16	JCK	TAL SAV
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		100	474018	03/28/17 23:00	JCK	TAL SAV

Client Sample ID: 032317-5
Date Collected: 03/23/17 13:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-5
Date Collected: 03/23/17 13:15
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-5
Matrix: Solid
Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/27/17 23:32	JCK	TAL SAV

Client Sample ID: 032317-6
Date Collected: 03/23/17 13:20
Date Received: 03/25/17 11:55

Lab Sample ID: 680-136754-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Lab Chronicle

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6
Lab Sample ID: 680-136754-6
Date Collected: 03/23/17 13:20
Matrix: Solid
Date Received: 03/25/17 11:55
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/27/17 23:49	JCK	TAL SAV

Client Sample ID: 032317-7
Lab Sample ID: 680-136754-7
Date Collected: 03/23/17 13:50
Matrix: Solid
Date Received: 03/25/17 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-7
Lab Sample ID: 680-136754-7
Date Collected: 03/23/17 13:50
Matrix: Solid
Date Received: 03/25/17 11:55
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/28/17 00:06	JCK	TAL SAV

Client Sample ID: 032317-8
Lab Sample ID: 680-136754-8
Date Collected: 03/23/17 13:55
Matrix: Solid
Date Received: 03/25/17 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Client Sample ID: 032317-8
Lab Sample ID: 680-136754-8
Date Collected: 03/23/17 13:55
Matrix: Solid
Date Received: 03/25/17 11:55
Percent Solids: 65.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/28/17 00:22	JCK	TAL SAV

Client Sample ID: 032317-6-X
Lab Sample ID: 680-136754-9
Date Collected: 03/23/17 13:20
Matrix: Solid
Date Received: 03/25/17 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474015	03/28/17 14:40	EDE	TAL SAV

Lab Chronicle

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Client Sample ID: 032317-6-X

Lab Sample ID: 680-136754-9

Date Collected: 03/23/17 13:20
Matrix: Solid
Date Received: 03/25/17 11:55
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			473751	03/27/17 09:06	JAS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473878	03/28/17 00:39	JCK	TAL SAV

Client Sample ID: 032317-6-Y

Lab Sample ID: 680-136754-10

Date Collected: 03/24/17 11:50
Matrix: Water
Date Received: 03/25/17 11:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			473788	03/27/17 12:57	CEW	TAL SAV
Total/NA	Analysis	8081B/8082A		1	473960	03/28/17 20:30	JCK	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 106723

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Maintenance Building		AL
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
	42277997	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
Gayle Macolly		
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		
Genesis Project, Inc.		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ☒
DATE DUE ____
EXPEDITED REPORT DELIVERY (SURCHARGE) ◯
DATE DUE ____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED	REQUIRED ANALYSIS: PCB	PRESERVATIVE	REMARKS
3-23-17	0940	032317-1	G		X			1			
3-23-17	0945	032317-2	G		X			1			
3-23-17	1015	032317-3	G		X			1			
3-23-17	1125	032317-4	G		X			1			
3-23-17	1315	032317-5	G		X			1			
3-23-17	1320	032317-6	G		X			1			
3-23-17	1350	032317-7	G		X			(2)			
3-23-17	1355	032317-8	G		X			1			
3-23-17	1320	032317-6-X	G		X			1			
3-24-17	1150	032317-6-4	G	X				2			

680-136754 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	3-24-17	1730						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Jessica Edwards	3/25/17	1155	YES ◯ NO ◯			8.2

TAL8240-680 (1008)

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3/29/2017

Login Sample Receipt Checklist

Client: Genesis Project, Inc.

Job Number: 680-136754-1

Login Number: 136754
List Number: 1
Creator: Edwards, Jessica R

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Genesis Project, Inc.
Project/Site: Anniston - Maintenance Building

TestAmerica Job ID: 680-136754-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
Alabama	State Program	4	41450	06-30-17
Alaska (UST)	State Program	10	UST-104	11-05-17
Arizona	State Program	9	AZ808	12-14-17
Arkansas DEQ	State Program	6	88-0692	02-01-18
California	State Program	9	2939	06-30-17
Colorado	State Program	8	N/A	12-31-17
Connecticut	State Program	1	PH-0161	03-31-17 *
Florida	NELAP	4	E87052	06-30-17
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-17
Georgia	State Program	4	803	06-30-17
Guam	State Program	9	15-005r	04-16-17 *
Hawaii	State Program	9	N/A	06-30-17
Illinois	NELAP	5	200022	11-30-17
Indiana	State Program	5	N/A	06-30-17
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-17
Kentucky (UST)	State Program	4	18	06-30-17
Kentucky (WW)	State Program	4	90084	12-31-17
L-A-B	DoD ELAP		L2463	09-22-19
Louisiana	NELAP	6	30690	06-30-17
Louisiana (DW)	NELAP	6	LA160019	12-31-17
Maine	State Program	1	GA00006	09-24-18
Maryland	State Program	3	250	12-31-17
Massachusetts	State Program	1	M-GA006	06-30-17
Michigan	State Program	5	9925	06-30-17
Mississippi	State Program	4	N/A	06-30-16 *
Nebraska	State Program	7	TestAmerica-Savannah	06-30-17
New Jersey	NELAP	2	GA769	06-30-17
New Mexico	State Program	6	N/A	06-30-17
New York	NELAP	2	10842	03-31-17 *
North Carolina (DW)	State Program	4	13701	07-31-17
North Carolina (WW/SW)	State Program	4	269	12-31-17
Oklahoma	State Program	6	9984	08-31-17
Pennsylvania	NELAP	3	68-00474	06-30-17
Puerto Rico	State Program	2	GA00006	12-31-17
South Carolina	State Program	4	98001	06-30-17
Tennessee	State Program	4	TN02961	06-30-17
Texas	NELAP	6	T104704185-16-9	11-30-17
US Fish & Wildlife	Federal		LE058448-0	10-31-17
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-17
Washington	State Program	10	C805	06-10-17
West Virginia (DW)	State Program	3	9950C	12-31-17
West Virginia DEP	State Program	3	094	06-30-17
Wisconsin	State Program	5	999819810	08-31-17
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Certification renewal pending - certification considered valid.