

December 18, 2012

Dredge Spoil Evaluation Report

**Snow Creek and Choccolocco Creek
Calhoun and Talladega Counties, Alabama**

Prepared for

**Solutia Inc.
300 Birmingham Highway
Anniston, Alabama 36201**

ROUX ASSOCIATES, INC.

Environmental Consulting & Management



1222 Forest Parkway, Suite 190, West Deptford, New Jersey 08066

CONTENTS

| | |
|---|---|
| 1.0 INTRODUCTION | 1 |
| 2.0 BACKGROUND | 2 |
| 3.0 SEPTEMBER 2012 RECONASSAINCE ACTIVITIES | 3 |
| 4.0 FINDINGS | 5 |
| 4.1 Snow Creek..... | 5 |
| 4.2 Choccolocco Creek | 5 |

TABLES

1. Table 1 - Dredge Spoil Area Location - Property Ownership

FIGURES

1. Figure A – Dredge Spoil Areas – Snow Creek
2. Figure B – Dredge Spoil Areas – Choccolocco Creek
3. Figure C – Dredge Spoil Areas – Choccolocco Creek

APPENDICES

- A. Dredge Spoil Area Evaluation Report, October 15, 1998
- B. Dredge Spoil Area RFICS Phase 1 Report, September 13, 1999
- C. Snow Creek Sediment Removal Action Completion Report, February 2010
- D. Snow Creek Dredge Spoil Removal, 710 Pine Street Property, December 18, 2012
- E. Dredge Spoil Area Data Forms and Photos

1.0 INTRODUCTION

Roux Associates, Inc. (Roux Associates) has prepared this report to summarize the status of previously identified dredge spoil areas along Snow and Choccolocco Creeks in Calhoun and Talladega Counties, Alabama for Solutia Inc. (Solutia).

In September 2012, Roux Associates and a Solutia representative performed a reconnaissance of the remaining known dredge spoil areas. The objective of this report is to summarize the findings of the September 2012 field reconnaissance and provide an updated overview of the status of the dredge spoil areas.

This report is divided into four sections. Section one provides an introduction and the objective of this report. Background information is presented in Section 2.0. Section 3.0 summarizes the September 2012 field reconnaissance activities and findings. Findings are presented in Section 4.0. Supporting tables and appendices are included at the end of this report.

2.0 BACKGROUND

Select dredging activities have been previously performed in both Snow and Choccolocco Creeks. Dredging along Snow Creek was historically conducted by the City of Anniston on an as-needed basis to address specific construction or potential flooding concerns. Sediments previously removed from Snow Creek were reportedly placed along the nearby banks of the creek. Previous flood protection measures implemented along Choccolocco Creek by the Soil Conservation Service (SCS), now known as the United States Natural Resources Conservation Services (NRCS), included dredging of sediment trap areas to improve stream flows. Dredge spoils from Choccolocco Creek were deposited in existing depressions or above grade areas proximate to the creek. These dredge spoils were stabilized by limiting the height and slope of the spoil areas and covering the area with topsoil and vegetative cover.

Previously (1998-1999), the dredge spoil areas were managed by Solutia under the Resource Conservation and Recovery Act (RCRA) Corrective Action Program in accordance with the requirements of its RCRA Post-Closure Permit No. ALD004019048 issued by the Alabama Department of Environmental Management (ADEM) on January 7, 1997. Pursuant to the requirements of the RCRA permit, Roux Associates, on behalf of Solutia, prepared the *Dredge Spoil Area Evaluation Report* submitted to ADEM in October 1998 (Appendix A) which included the locations and physical evaluations of 27 known or suspected dredge spoil areas. Roux Associates also prepared and submitted the *Dredge Spoil Area RFI/CS Phase I Report* in September 1999 (Appendix B) which included chemical analysis of select dredge spoil areas. The dredge spoil areas are currently managed in a manner consistent with other PCB-containing soils pursuant to the Administrative Order on Consent that is Appendix C to the Partial Consent Decree between Solutia, Pharmacia LLC and the United States Environmental Protection Agency (USEPA).

3.0 SEPTEMBER 2012 RECONASSAINCE ACTIVITIES

The field reconnaissance of both Snow Creek and Choccolocco Creek dredge spoil areas was conducted by Roux Associates and a Solutia representative during the week of September 10, 2012. As part of the field reconnaissance activities, each remaining previously identified dredge spoil area was physically inspected to determine its location, physical dimensions and physical condition. In addition, each area was photographed and evaluated for evidence of potential slope instability, erosion and/or other disturbances.

The location of each dredge spoil area was determined using a Global Positioning System (GPS) unit manufactured by Trimble, unit model number Geo XT handheld. The datum reference for this study is WGS 84. Location data were determined in a northing and easting format as well as latitude and longitude (degree) format to a precision of six (6) decimal places.

Other physical data collected for each dredge spoils area included:

- Bank location, left or right looking downstream
- Distance downstream in feet measured from:
 - 11th Street Ditch confluence with Snow Creek
 - Snow Creek confluence with Choccolocco Creek
- Crest elevation of each dredge spoil area measured in feet above mean sea level
- The horizontal distance measured in feet from the toe of each dredge spoil area to the respective creek top of bank
- The elevation drop from the toe of dredge spoil pile to the top of bank
- Adjacent land use based on visual observation
- The length, width and height of the dredge spoil area
- Soil characteristics of the dredge spoil area

- The type of cover and extent of vegetation for each area
- Average slopes along the length and width of each dredge spoil area and the steepest slope observed
- Identification of any physical evidence of slumping, erosion or slope stability problems at each area

All of the data collected during this task were recorded on data sheets provided in Appendix E. Digital photographs of each area were also taken and are provided on the data sheets.

4.0 FINDINGS

4.1 Snow Creek

There were initially a total of eight dredge spoil areas located along the banks of Snow Creek between the confluence with the 11th Street Ditch and Choccolocco Creek (Figure A). During a residential removal action at 710 Pine Street (Parcel 2609) completed June 23, 2009, Area No. 3 was incorporated into the scope of work and was removed from the bank along Snow Creek, documented in *Snow Creek Dredge Spoil Pile Removal, 710 Pine Street Property, December 18, 2012* (Appendix D). During November 2009, three dredge spoils areas (Nos. 4, 5 and 6) were removed from the banks along Snow Creek as part of the Snow Creek Sediment Removal Action with the City of Anniston. Documentation of this removal action was submitted to USEPA in *Snow Creek Sediment Removal Action Completion Report, February 5, 2010* (Appendix C).

The dredge spoil areas remaining adjacent to Snow Creek include Area Nos. 1, 2, 7 and 8. Physical data collected for each area are presented on data sheets in Table 1 and Appendix E. The dredge spoil areas range in height from 3 to 7 feet and in areal extent from 225 square feet to 44,000 square feet. The remaining dredge spoil areas have a well-established vegetative cover comprised of trees, ivy, vines, weeds, brush, brier or kudzu. A non-woven geotextile was also observed at Area No. 1. Evidence of creek bank erosion was observed along the four remaining Snow Creek dredge spoil Areas, and some minor slumping was observed in Area No. 2 on the west bank. The widths of dredge spoil Areas No. 7 and No. 8 were marginally smaller than the initial investigation which occurred in September 1998. Field measurements indicated that Area No. 7 had an initial width of 40 feet in 1998 and in 2012 had a width of 30 feet. Area No. 8 had an initial width of 80 feet in 1998 and in 2012 had a width of 70 feet.

4.2 Choccolocco Creek

There are a total of 19 dredge spoil areas located along the banks of Choccolocco Creek between its confluence with Snow Creek and Coldwater Creek (Figures B and C). Physical data collected for each area are presented on data sheets in Table 1 and Appendix E. Dredge spoils removed from Choccolocco Creek were beneficially reused by the NRCS (SCS) to fill low-lying areas or side slopes. The areas are generally located tens of feet away from the creek bank and are flat to mildly sloped showing no signs of slumping, erosion or other slope stability problems. These

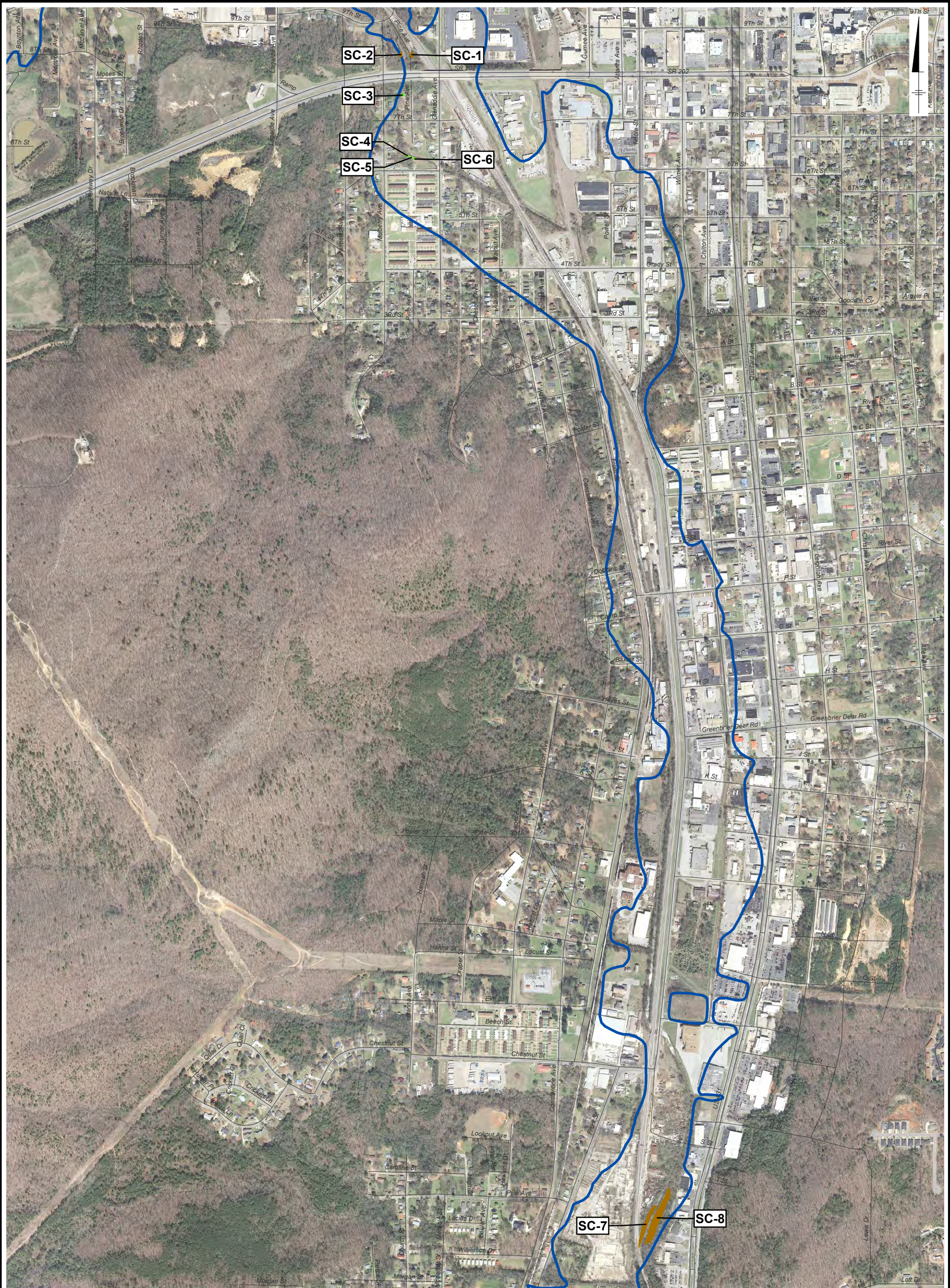
confined disposal areas were constructed in accordance with NRCS (SCS) specifications and have a well-established vegetative cover (grass, weeds and trees) and no further action is recommended. Dredge spoil areas located along Choccolocco Creek are within the existing, as of September 2012, or proposed, Deed of Conservation Easement corridor with the Alabama Land Trust, Inc. (Figures B and C). Seventeen (17) of the 19 areas were existing topographically low areas requiring filling (e.g. gravel pits, borrow pits, old scour areas, etc.). The areas range in height or depth from a maximum of 10 feet high to 7 feet deep, and in areal extent from 2,500 square feet to 46,200 square feet. Only three areas extend laterally to within 10 feet of the creek bank (Area Nos. 9, 24 and 29). The remaining areas are located at distances ranging from 20 feet to 500 feet away from the adjacent creek bank. There was no evidence of slumping, erosion or other stability problems with any of the areas with the exception of Area 26. It appears that a drainage swale was installed within the dredge spoils area at this location. This intrusion is being addressed by the Alabama Land Trust, which holds a conservation easement on property inclusive of this dredge spoil area. The majority of the slopes are flat as would be expected for filled-in, low-lying areas. All of the areas have a well-established vegetative cover comprised of grass, weeds and trees.

TABLES

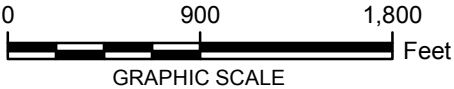
Table 1. Dredge Spoil Area Location, Property Ownership, and Land Use Data

| Dredge Spoil Area | Location Lat. (°N) / Long. (°W) | Property Owner | Land Use |
|------------------------------|-------------------------------------|---|------------------------------|
| Area 1 / Snow Creek | 33°-39' 17.9800" / 85° 50' 13.1877" | Anniston Land Co., Inc. | Open Field / undeveloped |
| Area 2 / Snow Creek | 33°-39' 18.0002" / 85° 50' 14.3286" | Anniston Land Co., Inc. | Hillside Slope / undeveloped |
| Area 7 / Snow Creek | 33°-37' 24.9002" / 85° 49' 46.4126" | U.S. Castings/U.S. Pipe, Primax Properties, LLC., James Jennings, Donal O. & Zandra Sills, (Frank) Chien-Hwa Chen | Flood plain / undeveloped |
| Area 8 / Snow Creek | 33°-37' 24.0919" / 85° 49' 46.2525" | U.S. Castings/U.S. Pipe, Primax Properties, LLC., James Jennings, Donal O. & Zandra Sills, (Frank) Chien-Hwa Chen | Flood plain / undeveloped |
| Area 1 / Choccolocco Creek | 33° 34' 48.9501" / 85° 54' 49.7044" | Wanda Champion | Flood plain / agricultural |
| Area 4 / Choccolocco Creek | 33° 34' 59.9733" / 85° 53' 59.5825" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 5 / Choccolocco Creek | 33° 34' 52.4686" / 85° 54' 03.9470" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 7 / Choccolocco Creek | 33° 34' 39.1138" / 85° 54' 07.6704" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 9 / Choccolocco Creek | 33° 34' 39.5886" / 85° 53' 55.1254" | Perry & Patricia Kerr | Flood plain / agricultural |
| Area 10 / Choccolocco Creek | 33° 34' 33.1961" / 85° 53' 43.2474" | Perry & Patricia Kerr | Flood plain / agricultural |
| Area 12 / Choccolocco Creek | 33° 34' 33.2024" / 85° 53' 22.0937" | Doris R. Burrows | Flood plain / agricultural |
| Area 15 / Choccolocco Creek | 33° 34' 34.0765" / 85° 53' 13.1504" | Calhoun County Economic Development Council | Undeveloped |
| Area 16 / Choccolocco Creek | 33° 34' 30.8762" / 85° 53' 00.6391" | Calhoun County Economic Development Council | Undeveloped |
| Area 18 / Choccolocco Creek | 33° 34' 38.1790" / 85° 52' 13.0771" | City of Anniston | Airport buffer zone |
| Area 19 / Choccolocco Creek | 33° 34' 31.3623" / 85° 51' 58.8287" | Billy Ray & Tommie Jean Camp | Pasture |
| Area 23 / Choccolocco Creek | 33° 35' 01.6099" / 85° 51' 09.9273" | Joe N Bennett | Pasture / agricultural |
| Area 24 / Choccolocco Creek | 33° 35' 02.0814" / 85° 50' 54.9943" | Joe N Bennett | Pasture / agricultural |
| Area 25 / Choccolocco Creek | 33° 35' 05.1703" / 85° 50' 45.5931" | Alabama Land Trust | Flood plain / agricultural |
| Area 26 / Choccolocco Creek | 33° 35' 11.6729" / 85° 50' 32.8112" | Phyllis S. Weaver | Pasture / agricultural |
| Area 28A / Choccolocco Creek | 33° 35' 20.6653" / 85° 50' 05.1416" | Phyllis S. Weaver | Pasture / agricultural |
| Area 28B / Choccolocco Creek | 33° 35' 26.1406" / 85° 49' 59.4665" | Phyllis S. Weaver | Pasture / agricultural |
| Area 29 / Choccolocco Creek | 33° 35' 37.2064" / 85° 49' 48.6254" | Phyllis S. Weaver | Pasture / agricultural |
| Area 31 / Choccolocco Creek | 33° 35' 52.9926" / 85° 49' 43.2965" | Jay F. Pumroy | Pasture / agricultural |

FIGURES



LEGEND:
DREDGE SPOIL PILE
DREDGE SPOIL PILE (REMOVED)
100-YR FLOODPLAIN
ROADS



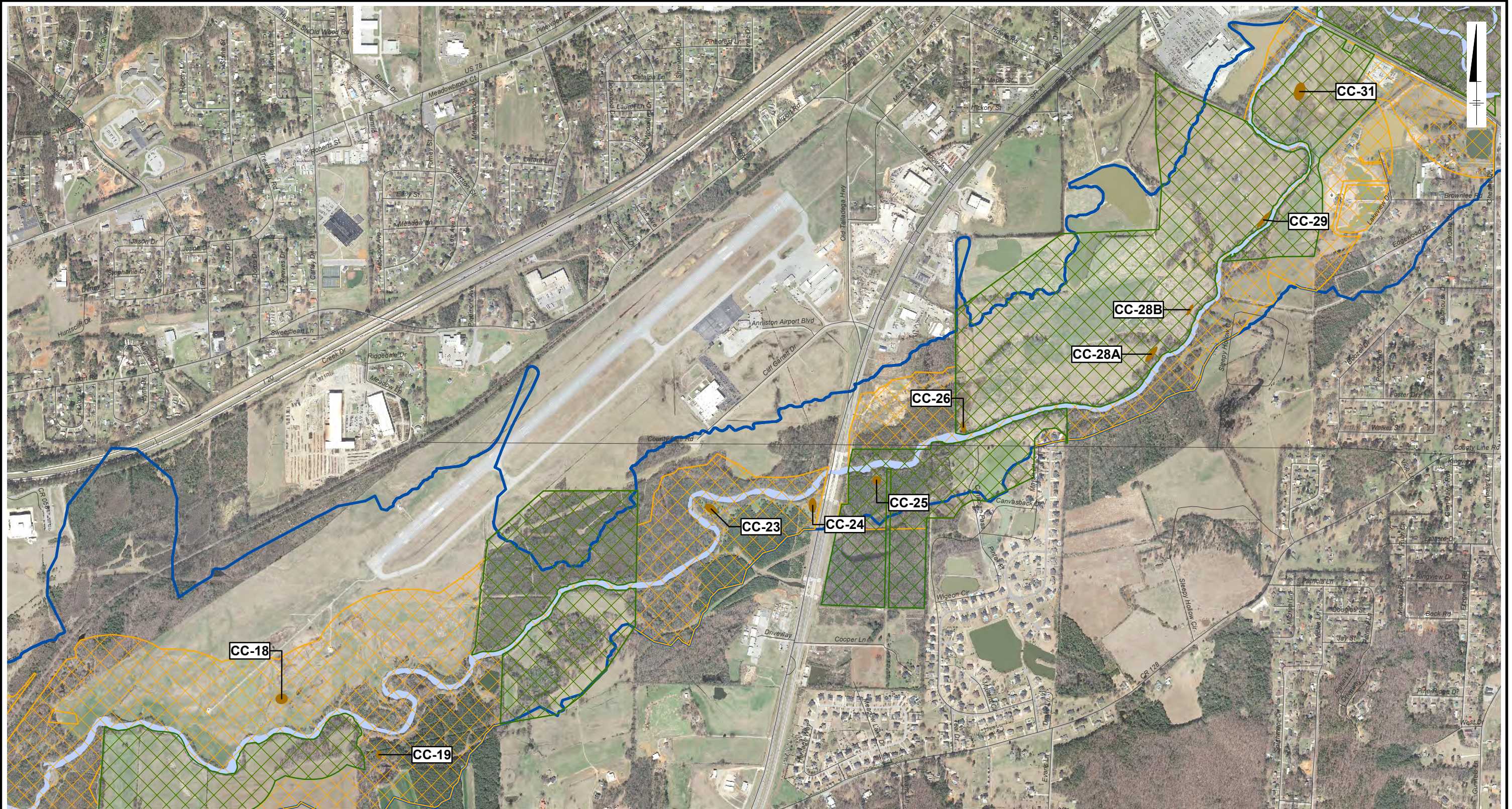
ANNISTON PCB SITE
ANNISTON, ALABAMA

DREDGE SPOIL AREAS
SNOW CREEK



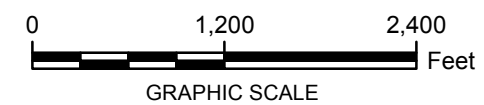
FIGURE
A

CITY: ROCH DIV/GROUP: 40 DB: LD: EAL PIC: AF PM: TM: MS TR:
Anniston
Q:\Anniston_PCB_site\DrddgeSpoils.mxd\DrddgeSpoilsArea ROUX_CC1.mxd - 11/29/2012 @ 3:03:55 PM



LEGEND:

- DREDGE SPOIL PILE
- CREEK
- 100-YR FLOODPLAIN
- ROADS
- PROPOSED CONSERVATION CORRIDOR
- CONSERVATION CORRIDOR AS OF SEPT 2012



ANNISTON PCB SITE
ANNISTON, ALABAMA

DREDGE SPOIL AREAS
CHOCOLOCOCO CREEK



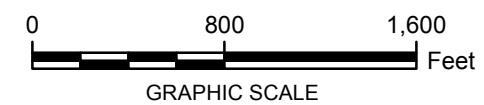
FIGURE
B

CITY: ROCH DIV/GROUP: 40 DB: LD: EAL PIC: AF PM: TM: MS TR:
Anniston
Q:\Anniston_PCB_site\ dredgeSpoils.mxd DredgeSpoilArea ROUX CC2.mxd - 11/29/2012 @ 3:02:52 PM



LEGEND:

- DREDGE SPOIL PILE
- CREEK
- 100-YR FLOODPLAIN
- ROADS
- PROPOSED CONSERVATION CORRIDOR
- CONSERVATION CORRIDOR AS OF SEPT 2012



ANNISTON PCB SITE
ANNISTON, ALABAMA

DREDGE SPOIL AREAS
CHOCOLOCOCO CREEK



FIGURE
C

APPENDIX A

DREDGE SPOIL AREA EVALUATION REPORT, OCTOBER 15, 1998



Solutia Inc.
300 Birmingham Highway
Anniston, Alabama 36201
Tel 205-231-8447

October 15, 1998

Mr. Wm. Gerald Hardy, Chief
Hazardous Waste Branch
Land Division
Alabama Department of Environmental Management
1751 Cong. W. L. Dickinson Drive
Montgomery, Alabama 36109-2608

Re: *Dredge Spoil Area Evaluation Report*
Solutia Inc. Anniston, AL Facility
EPA ID No. ALD 004 019 048

Dear Mr. Hardy:

Please find enclosed three (3) copies of Roux Associates, Inc.'s *Dredge Spoil Area Evaluation Report* presenting the findings and proposed recommendations regarding our recent evaluation of dredge spoil areas along Snow and Choccolocco Creeks. This report is submitted in accordance with the scope and schedule of our approved *Off-Site Interim Measures Plan, Revision 1.0*. We look forward to your review and approval of the proposed actions.

Sincerely,
SOLUTIA INC

A handwritten signature in dark ink, appearing to read "Alan G. Faust", is written over the typed name.

Alan G. Faust
Manager of Remedial Projects

enclosures

**DREDGE SPOIL AREA EVALUATION REPORT
SNOW CREEK AND CHOCCOLOCCO CREEK
CALHOUN AND TALLADEGA COUNTIES, ALABAMA**

October 15, 1998

prepared for:

**Solutia Inc.
300 Birmingham Highway
Anniston, Alabama 36201**

prepared by:

**ROUX ASSOCIATES, INC.
1110 Nasa Road One, Suite 207
Houston, Texas 77058
(281) 335-4000**

CONTENTS

| | |
|--|----------|
| 1.0 INTRODUCTION..... | 1 |
| 1.1 Background Information..... | 1 |
| 1.2 Objectives..... | 2 |
| 2.0 METHODS OF INVESTIGATION | 3 |
| 2.1 Identify Potential Locations of Dredge Spoil Areas | 3 |
| 2.2 Determine Property Ownership and Obtain Access | 4 |
| 2.3 Identify Previously Collected Analytical Data..... | 4 |
| 2.4 Physical Inspection and Reconnaissance..... | 5 |
| 3.0 INVESTIGATION FINDINGS | 7 |
| 3.1 Snow Creek..... | 7 |
| 3.2 Choccolocco Creek | 7 |
| 4.0 RECOMMENDATIONS..... | 9 |
| 4.1 Snow Creek..... | 9 |
| 4.2 Choccolocco Creek | 11 |

TABLES

1. Dredge Spoil Area Location, Property Ownership and Land Use Data
2. Dredge Spoil Area Physical Data

FIGURES

1. Area of Dredge Spoil Investigation
2. Locations of Dredge Spoil Areas

APPENDICES

- A. Dredge Spoil Area Data Forms
- B. Typical Specifications for Erosion Control Blankets and Turf Reinforcement Mats

1.0 INTRODUCTION

1.1 Background Information

Roux Associates, Inc. was retained by Solutia Inc. (Solutia) to locate and evaluate dredge spoil areas along Snow and Choccolocco Creeks in Calhoun and Talladega Counties, Alabama. The general area investigated is shown on Figure 1. Dredging along Snow Creek has been conducted by the City of Anniston on an as-needed basis to address specific construction or flooding concerns. Sediments previously removed from Snow Creek were reportedly placed along the nearby banks of the creek. Previous flood protection measures implemented along Choccolocco Creek by the Soil Conservation Service (SCS), now known as the United States Natural Resources Conservation Service (NRCS), included dredging of sediment trap areas to improve stream flows. Dredging of Choccolocco Creek near Oxford, Alabama was completed in a three-phase program which commenced in 1990 and was completed in 1994. Sediments removed from Choccolocco Creek were deposited in existing depressions or above grade and were stabilized by limiting the height and slope of the spoil areas and covering the areas with topsoil and vegetative cover.

Solutia Inc. is presently conducting a Resource Conservation and Recovery Act (RCRA) Corrective Action Program in accordance with the requirements of its RCRA Post-Closure Permit No. ALD004019048 issued by the Alabama Department of Environmental Management (ADEM) on January 7, 1997. On June 19, 1998, Solutia submitted an *Off-Site Interim Measures Plan* (Plan) to ADEM. This Plan was subsequently revised on August 5, 1998 and approved for implementation by ADEM on August 14, 1998. One of the tasks approved in the Plan was to locate and evaluate the previously described dredge spoil areas along Snow and Choccolocco Creeks. This document describes the methods used to locate and evaluate the dredge spoil areas (Section 2.0), reports the findings of this evaluation (Section 3.0), and presents recommendations as appropriate to ensure the future stability of these areas (Section 4.0).

1.2 Objectives

The objectives of this evaluation are to :

- Locate significant dredge spoil deposits in the area under investigation;
- Identify analytical characterization data, if any, that may have been collected for dredged material;
- Determine property ownership and land use for each dredge spoil area;
- Physically inspect and evaluate dredge spoil areas for stability and erosion control;
and
- Identify future stabilization measures needed, if any, to control potential erosion or exposure.

2.0 METHODS OF INVESTIGATION

The following tasks were implemented to achieve the objectives described in Section 1.2:

1. Task 1 - Identify Potential Locations of Dredge Spoil Areas
2. Task 2 - Determine Property Ownership and Obtain Access
3. Task 3 - Identify Previously Collected Analytical Data (If Any)
4. Task 4 - Conduct Physical Inspection and Reconnaissance
5. Task 5 - Evaluate Stability and Exposure Potential
6. Task 6 - Prepare Report Detailing Findings and Recommendations

The methods of investigation used to complete Tasks 1 through 5 are described in detail in the following subsections. The findings of this investigation are presented in Section 3.0, and recommendations are presented in Section 4.0.

2.1 Identify Potential Locations of Dredge Spoil Areas

This task involved identifying and locating potential dredge spoil areas along the Snow Creek and Choccolocco Creek watershed areas. Dredging of Snow Creek from its confluence with the 11th Street Ditch along downstream areas of interest is the responsibility of the City of Anniston (City). City personnel were contacted and asked to perform a joint preliminary inspection to identify all dredge spoil areas along this reach of Snow Creek within the City limits. Eight potential areas were identified along the east and west banks of the Creek as shown on Figure 2. In each area, previously dredged material had been placed along the banks of the Creek.

Contract documents provided by the NRCS (Choccolocco Creek Channel Work, Contract Nos. 1 and 2) were reviewed to determine potential dredge spoil areas along Choccolocco Creek. A total of 32 potential areas were identified along the banks of Choccolocco Creek between its confluence with Snow Creek and Coldwater Creek. Preliminary discussions with NRCS personnel, however, indicated that only 19 of the 32 areas were actually used for placement of dredge spoils as shown on Figure 2. In addition, 17 of the 19 areas used were existing depressions or low areas requiring filling.

2.2 Determine Property Ownership and Obtain Access

Land ownership at each dredge spoil area location was determined by reviewing tax records and maps for Calhoun and Talladega Counties. Ownership information for dredge spoil areas along Snow and Choccolocco Creeks is provided in Table 1. All land owners along Snow Creek provided access to their properties for inspection. Preliminary discussions with the NRCS indicated that they previously negotiated and maintained access agreements with property owners along Choccolocco Creek allowing access to all identified dredge spoil areas. Solutia subsequently contacted the NRCS and the Choccolocco Creek Watershed Conservancy District (District) to request their cooperation in providing access to these areas. The District granted approval of this request and subsequently notified respective property owners that representatives from Solutia and the NRCS would be conducting inspections of dredge spoil areas located on their properties.

2.3 Identify Previously Collected Analytical Data

During this task, the City of Anniston and the NRCS were contacted to determine if either entity collected any analytical data characterizing materials previously dredged from Snow and Choccolocco Creeks, respectively. The City indicated that no analytical data were collected prior to dredging or after placement of the dredged material along the banks of Snow Creek.

Discussions with the NRCS indicated that no characterization sampling was performed in conjunction with its dredging activities in Choccolocco Creek. Previous sediment sampling conducted in 1983 along a 1 and $\frac{3}{4}$ mile segment of the Creek between its confluence with Snow Creek and the downstream Highway 21 bridge indicated polychlorinated biphenyl (PCB) concentrations ranging from 2.1 micrograms per gram ($\mu\text{g/g}$ or parts per million) to 19.2 $\mu\text{g/g}$, with an average concentration of 9.9 $\mu\text{g/g}$ for eight sets of composited samples. Based on these data collected by Monsanto Company, SCS and ADEM personnel indicating concentrations below 50 parts per million, the SCS sought and was granted approval to place all subsequently dredged material in the pre-selected locations referenced above.

2.4 Physical Inspection and Reconnaissance

During this task, each dredge spoil area previously identified was physically inspected to determine its exact location, physical dimensions and physical condition. In addition, each area was photographed and evaluated for evidence of slope stability or erosion problems. The inspections of Choccolocco Creek areas were conducted by civil engineers from Roux Associates, Inc. and Golder Associates, Inc., with staff support from Genesis Project, Inc., during the week of August 31, 1998. Staff from the NRCS accompanied the inspectors to confirm the locations of dredge spoil areas previously identified on contract maps. The inspection of the Snow Creek areas was conducted by a civil engineer from Golder Associates, Inc. during the week of September 7, 1998.

The exact location of each dredge spoil area was determined using a Global Positioning System (GPS) unit manufactured by Corvallis Microtechnology, Inc., unit model number CMT PC5L-GPS 9400. This unit has 12-channel tracking capabilities and is accurate to one (1) meter. Locations were logged in the "static" operational mode with a minimum occupation time of 30 seconds. Data collected in the field were downloaded and differentially corrected using a program provided by the manufacturer with data retrieved from a local base station in Birmingham, Alabama. The datum reference for this study is WGS 84. Location data were determined in a northing and easting format as well as latitude and longitude (degree) format to a precision of six (6) decimal places.

Other physical data collected for each area included:

- Bank location, left or right looking downstream
- Distance downstream in feet measured from:
 - ◊ 11th Street Ditch confluence for Snow Creek
 - ◊ Snow Creek confluence for Choccolocco Creek
- Top or crest elevation of each area determined in feet above mean sea level
- The horizontal distance measured in feet from the toe of each area to the respective creek top of bank
- The elevation drop from the toe to the top of bank

- Land use based on visual observation
- The length, width and height of each area measured in feet
- The type of soil characteristic of the dredge spoil area
- The type of cover and extent of vegetation for each area
- Area slope data including average slopes along the length and width of each area and the steepest slope observed
- Identification of any physical evidence of slumping, erosion or slope stability problems at each area

All of the data collected during this task were recorded on data sheets provided in Appendix A. Digital photographs of each area were also taken and are provided on the data sheets.

3.0 INVESTIGATION FINDINGS

3.1 Snow Creek

There are a total of eight dredge spoil areas located along the banks of Snow Creek between its confluence with the 11th Street Ditch and Choccolocco Creek, as shown on Figure 2. Physical data collected for each area are presented on data sheets in Appendix A and summarized in Table 2. The dredge spoil areas range in height from 3 to 7 feet and in areal extent from 225 square feet to 44,000 square feet. Six of the eight areas extend to the top of bank. One of the areas, Area No. 1, has a non-woven geotextile cover installed. The remaining areas have a well established vegetative cover comprised of trees, ivy, vines, weeds, brush, brier or kudzu. Four of the eight areas, Area Nos. 3 through 6, exhibit 1:1, near vertical slopes and show evidence of minor slumping. Two of the areas, Area Nos. 7 and 8, are flat, parallel to the creek and have near vertical slopes at the creek bank, making them susceptible to possible bank erosion.

3.2 Choccolocco Creek

There are a total of 19 dredge spoil areas located along the banks of Choccolocco Creek between its confluence with Snow Creek and Coldwater Creek, as shown on Figure 2. Physical data collected for each area are presented on data sheets in Appendix A and summarized in Table 2. Seventeen (17) of the 19 areas were existing depressions or low areas requiring filling, e.g. gravel pits, borrow pits, old scour areas or other low areas. Area No. 16 was placed along an existing side slope, and Area No. 24 was deposited on the back side of an existing flood berm (road dike). The areas range in height or depth from a maximum of 10 feet high to 7 feet deep, and in areal extent from 2,500 square feet to 46,200 square feet. Only three areas extend laterally to within 10 feet of the creek bank (Area Nos. 9, 24 and 29). The remaining areas are located at distances ranging from 20 feet to 500 feet away from the adjacent creek bank. There was no evidence of slumping, erosion or other stability problems at any of the areas. The majority of the area slopes are flat as would be expected for filled-in, low-lying areas. The steepest slope measured was for Area No. 24 which exhibited an average slope of 3:1 (H:V). All of the areas have a well established vegetative cover (grass and weeds) with the exception of Area Nos. 7, 9 and 26. Area No. 7 is located in a washed-in area in a

flood prone section of the property and is covered with sand. Area No. 9 is covered with gravel and sand at the surface. This area is located immediately adjacent to the Creek and is susceptible to flooding during heavy precipitation events. Area No. 26 is located adjacent to an old borrow pit. Grass and weeds cover most of the area; however, vegetation is absent at the interface of the dredge spoil area and the pit.

4.0 RECOMMENDATIONS

Overbank flow velocities during a 10-year flood event along Snow and Choccolocco Creeks are approximately 1 foot per second based on models used by the Federal Emergency Management Agency (FEMA) for community flood insurance studies, and would not be expected to result in resuspension or erosion of the existing dredge spoil areas. These areas have stabilized since original placement, and no future dredging activities that would disturb these areas are currently planned based on discussions with City of Anniston and NRCS personnel. The areas are generally located on parcels of property that are undeveloped or not used and exhibit an established vegetative or natural cover. Based on these considerations, the studied dredge spoil areas are not believed to serve as a significant source of impact to either the water quality of Snow or Choccolocco Creeks or potential human or ecological receptors. Recommendations to minimize any future potential adverse impacts from these areas are provided in the sections that follow for Snow Creek and Choccolocco Creek, respectively. All recommended measures will be implemented in the Spring of 1999 following ADEM and NRCS approval and subject to receipt of required access agreements from property owners.

4.1 Snow Creek

Recommendations to enhance the stability of dredge spoil areas located along Snow Creek fall into one of five categories as follow:

- No further action
- Hydro-seeding
- Installation of turf reinforcement mats
- Installation of erosion control blankets
- Regrading

Dredge spoil Areas No. 1 and No. 2 are located greater than 25 feet away from the Creek bank, are protected by established cover material and have an average slope of 2:1 (H:V). Neither area exhibits any evidence of slumping, erosion or other slope stability problems. Area No. 2 has a well established vegetative cover, and no further action is recommended for this

area. Area No. 1 is covered with a non-woven geotextile material; however, weeds are growing through at the geotextile overlaps (Appendix A). For this area, it is recommended that the existing cover material be removed and replaced with vegetative cover. Preparation of this area will require the removal and disposal of the existing fabric material and subsequent mowing of weeds to ground level. The area would then be hydro-seeded to establish a good stand of grass.

Dredge spoil Area Nos. 3 through 6 extend to the Creek bank and exhibit average slopes of 1:1 (H:V). Vegetation is well established at each area; however, each area exhibits some evidence of minor slumping. In order to prevent further slumping of these areas, it is recommended that permanent turf reinforcement mats be installed and seeded. Preparation of these areas will require the removal of large rocks, soil clods and existing vegetation to ground level to ensure intimate contact between the mats and subgrade. A turf reinforcement mat would then be installed, and the areas would be hydro-seeded to establish a good stand of grass. The turf reinforcement mats will stimulate rapid vegetative growth and provide permanent resistance to elevated hydraulic forces. The mats will permanently anchor the vegetative cover to the soil surface and provide twice the erosion protection of unreinforced vegetation. Typical specifications for turf reinforcement mats are provided in Appendix B. The mats are composed of a dense, three-dimensional web of polypropylene fibers, placed between two high strength nets and stitched together. The mats are installed in overlapping rolls and secured with ground-anchoring devices.

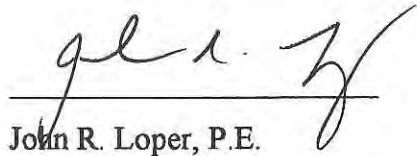
Dredge spoil Areas No. 7 and 8 are the most laterally extensive areas along Snow Creek and extend to the Creek bank wall. Each area is 3 feet in height, predominantly flat (parallel to the Creek) and is heavily vegetated with trees, ivy, vines and weeds. The sole potential concern associated with these areas is possible future bank erosion at the Creek wall under high flow conditions. In order to address this potential concern, it is recommended that these areas be regraded to create a minimum 3:1 (H:V) slope at the edge of the creek bank. All disturbed sediments would subsequently be covered with a natural, excelsior erosion control blanket and revegetated to ensure proper cover. The excelsior blanket is a flexible, wood-machined

blanket of curled wood excelsior designed to adhere to the soil and expedite seed germination. Typical specifications for an excelsior blanket are provided in Appendix B. The blanket is installed in overlapping rolls and secured with staples. Once vegetation is established, the blankets will begin to decompose within four to six months.

4.2 Choccolocco Creek

Dredge spoils removed from Choccolocco Creek were beneficially reused by the NRCS (SCS) to fill in low-lying areas or side slopes. The areas are generally located tens of feet away from the creek bank and are flat to mildly sloped showing no signs of slumping, erosion or other slope stability problems. These confined disposal areas were constructed in accordance with NRCS (SCS) specifications and, with the exception of Area Nos. 7, 9 and 26, have a well established vegetative cover (grass and weeds). Area No. 7 is located in a washed-in area on a flood prone section of the property and is covered with sand. Area No. 9 is located immediately adjacent to the Creek, susceptible to flooding and covered with gravel and sand at the surface. Area No. 26 is located adjacent to an old borrow pit. Grass and weeds cover most of the area; however, vegetation is absent at the interface of the dredge spoil area and the pit. In these three areas it is recommended that an excelsior erosion control blanket be installed and hydro-seeded to establish an adequate vegetative cover. The excelsior blanket is a flexible, wood-machined blanket of curled wood excelsior designed to adhere to the soil and expedite seed germination. Typical specifications for an excelsior blanket are provided in Appendix B. The blanket is installed in overlapping rolls and secured with staples. Once vegetation is established, the blankets will begin to decompose within four to six months.

Respectfully Submitted,
ROUX ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "John R. Loper", is written over a horizontal line.

John R. Loper, P.E.

Vice President and Principal Engineer

Table 1. Dredge Spoil Area Location, Property Ownership, and Land Use Data

| Dredge Spoil Area | Location Lat. (° N) / Long. (° W) | Property Owner | Land Use |
|------------------------------|--|--|----------------------------|
| Area 1 / Snow Creek | 33° 39' 17.9800" / 85° 50' 13.1877" | Anniston Land Co., Inc. | Open field / undeveloped |
| Area 2 / Snow Creek | 33° 39' 18.0002" / 85° 50' 14.3286" | Anniston Land Co., Inc. | Hillside slope / wooded |
| Area 3 / Snow Creek | 33° 39' 14.1785" / 85° 50' 14.2223" | Myrice & Keith Phillips / portions in ALDOT right-of-way | Empty lot / undeveloped |
| Area 4 / Snow Creek | 33° 39' 08.3975" / 85° 50' 13.6812" | Rev. Charles Creel | Empty lots / undeveloped |
| Area 5 / Snow Creek | 33° 39' 08.2186" / 85° 50' 13.2113" | Rev. Charles Creel | Empty lots / undeveloped |
| Area 6 / Snow Creek | 33° 39' 08.1003" / 85° 50' 12.8329" | Rev. Charles Creel | Empty lots / undeveloped |
| Area 7 / Snow Creek | 33° 37' 24.7975" / 85° 49' 46.9691" | U.S. Castings/U.S. Pipe, Primax Properties, LLC., James Jennings, Donald O. & Zandra Sills, (Frank) Chien-Hwa Chen | Flood plain / undeveloped |
| Area 8 / Snow Creek | 33° 37' 24.8565" / 85° 49' 46.3722" | (the above own Areas 7 & 8) | Flood plain / undeveloped |
| Area 1 / Choccolocco Creek | 33° 34' 48.9501" / 85° 54' 49.7044" | Frances Louise Candler | Flood plain / agricultural |
| Area 4 / Choccolocco Creek | 33° 34' 59.9733" / 85° 53' 59.5825" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 5 / Choccolocco Creek | 33° 34' 52.4686" / 85° 54' 03.9470" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 7 / Choccolocco Creek | 33° 34' 39.1138" / 85° 54' 07.6704" | Perry & Patricia Kerr | Pasture / agricultural |
| Area 9 / Choccolocco Creek | 33° 34' 39.5886" / 85° 54' 07.1254" | Perry & Patricia Kerr | Flood plain / undeveloped |
| Area 10 / Choccolocco Creek | 33° 34' 33.1961" / 85° 53' 43.2474" | Perry & Patricia Kerr | Flood plain / undeveloped |
| Area 12 / Choccolocco Creek | 33° 34' 33.2024" / 85° 53' 22.0937" | Doris R. Burrows | Flood plain / undeveloped |
| Area 15 / Choccolocco Creek | 33° 34' 34.0765" / 85° 53' 13.1504" | Calhoun County Economic Development Council | Undeveloped |
| Area 16 / Choccolocco Creek | 33° 34' 30.8762" / 85° 53' 00.6391" | Calhoun County Economic Development Council | Undeveloped |
| Area 18 / Choccolocco Creek | 33° 34' 38.1790" / 85° 52' 13.0771" | City of Anniston | Airport buffer zone |
| Area 19 / Choccolocco Creek | 33° 34' 31.3623" / 85° 51' 58.8287" | Billy Ray and Tommie Jean Camp | Pasture |
| Area 23 / Choccolocco Creek | 33° 35' 01.6099" / 85° 51' 09.9273" | Joe N. Bennett | Pasture / agricultural |
| Area 24 / Choccolocco Creek | 33° 35' 02.0814" / 85° 50' 54.9943" | Joe N. Bennett | Pasture / agricultural |
| Area 25 / Choccolocco Creek | 33° 35' 05.1703" / 85° 50' 45.5931" | Bruce W. Corbett, Werner C. and Ruth E. Vogt | Flood plain / undeveloped |
| Area 26 / Choccolocco Creek | 33° 35' 11.6729" / 85° 50' 32.8112" | Phyllis S. Weaver | Pasture / agricultural |
| Area 28A / Choccolocco Creek | 33° 35' 20.6653" / 85° 50' 05.1416" | Phyllis S. Weaver | Pasture / agricultural |
| Area 28B / Choccolocco Creek | 33° 35' 26.1406" / 85° 49' 59.4665" | Phyllis S. Weaver | Pasture / agricultural |
| Area 29 / Choccolocco Creek | 33° 35' 37.2064" / 85° 49' 48.6254" | Phyllis S. Weaver | Pasture / agricultural |
| Area 31 / Choccolocco Creek | 33° 35' 52.9926" / 85° 49' 43.2965" | Edward C. Hopson | Pasture / agricultural |

Table 2. Dredge Spoil Area Physical Data

| Dredge Spoil Area | Distance From Bank (ft) | Height/Depth (H/D ft) | Area (length x width) (ft x ft) | Steepest Slope | Type of Fill-In Area (per NRCS) | Cover Type | Slope Stability |
|-------------------|-------------------------|-----------------------|---------------------------------|--------------------------------|---------------------------------|--|--|
| Snow Creek | | | | | | | |
| Area 1 | 26.6 | H ~ 6 | 57 x 30 | 2:1 | Open field / undeveloped | Non-woven geotextile, some weeds | No evidence of problems, however, although weeds are growing at geotextile overlaps. |
| Area 2 | 30 | H = 3 | 50 x 27 | 2:1 | Hillside slope / wooded | Thick woods, briers, weeds | No evidence of problems. |
| Area 3 | 0 | H = 7 | 40 x 13 | Portions near vertical | Empty lot / undeveloped | Thick woods, briers, kudzu | Some minor slumping. |
| Area 4 | 0 | H = 5 | 34 x 15 | Portions near vertical | Empty lots / undeveloped | Weeds, brush | Some minor slumping. |
| Area 5 | 0 | H = 5 | 33 x 15 | Portions near vertical | Empty lots / undeveloped | Weeds, brush | Some minor slumping. |
| Area 6 | 0 | H = 5 | 15 x 15 | Portions near vertical | Empty lots / undeveloped | Weeds, brush | Some minor slumping. |
| Area 7 | 0 | H = 3 | 450 x 40 | Portions near vertical at bank | Flood plain / undeveloped | Trees, ivy, vines, weeds | Bank erosion possible. |
| Area 8 | 0 | H = 3 | 550 x 80 | Portions near vertical at bank | Flood plain / undeveloped | Trees, ivy, vines, weeds | Bank erosion possible. |
| Chocolocco Creek | | | | | | | |
| Area 1 | 70 | D = 4 | 130 x 100 | Flat | Low area | Grass and tall weeds | No evidence of problems |
| Area 4 | 75 | D = 3 to 5 | 100 x 85 | Flat | Old gravel pit | Grass and tall weeds | No evidence of problems |
| Area 5 | 200 | D = 3 to 5 | 100 x 120 | Flat | Old gravel pit | Grass and tall weeds | No evidence of problems |
| Area 7 | 500 | D = 4 | 160 x 20 | Flat | Low area, used as road fill | Sand (washed-in area of flood prone section of property) | No evidence of problems, however, vegetative cover is not present. |
| Area 9 | 0 | D = 0 to 7 | 100 x 75 | 5:1 near creek edge | Old slough | Gravel and sand at surface | No evidence of problems, however, vegetative cover is not present. |

Table 2. Dredge Spoil Area Physical Data

| Dredge Spoil Area | Distance From Bank (ft) | Height/Depth (H/D ft) | Area (length x width) (ft x ft) | Steepest Slope | Type of Fill-In Area (per NRCS) | Cover Type | Slope Stability |
|-------------------|-------------------------|-----------------------|---------------------------------|--|--|---|--|
| Chocolocco Creek | (continued) | | | | | | |
| Area 10 | 200 | H = 2 / D = 3 | 250 x 110 | 4:1 at pile edges | Low area | Grass and weeds | No evidence of problems |
| Area 12 | 80 | D = 4 to 5 | 100 x 90 | 3:1 slope at west and south edge | Old gravel pit | Grass and weeds | No evidence of problems |
| Area 15 | 150 | D = 3 to 4 | 70 x 150 | Flat | Low area, proposed site of wetlands mitigation | Grass and tall weeds | No evidence of problems |
| Area 16 | 100 | H ~ 2 / D = 2 to 5 | 165 x 100 | 4:1 | Fill along existing side slope | Grass and tall weeds | No evidence of problems |
| Area 18 | 500 | H = 3 / D = 2 | 130 x 150 | 3:1 (at northern edge) | Old borrow pit | Grass and tall weeds | No evidence of problems |
| Area 19 | 250 | D = 5 to 6 | 100 x 65 | Flat | Old borrow pit | Grass and tall weeds | No evidence of problems |
| Area 23 | 20 | D = 3 | 185 x 100 | 10:1 | Low area | Grass, weeds, some trees planted at perimeter | No evidence of problems |
| Area 24 | ~5 (next to flood berm) | H ~ 10 | 280 x 165 | 3:1 | Fill on back side of road dike | Grass | No evidence of problems |
| Area 25 | 70 | D = 4 to 5 | 110 x 100 | Flat | Low area | Grass, weeds, small oak trees planted at perimeter | No evidence of problems |
| Area 26 | ~ 40 | D = 5 to 6 | 140 x 60 | 3:1 where fill transitions into old borrow pit | Extended dam | Grass and weeds cover most of area, however at the edge of fill/borrow pit interface, no cover. | No evidence of problems, however, some soil is exposed at the edge of fill/borrow pit interface. |
| Area 28A | 80 | D = 5 to 6 | 240 x 70 | Flat | Low area | Grass and weeds | No evidence of problems |
| Area 28B | 80 | D = 6 to 7 | 155 x 45 | Flat | Low area | Grass and weeds | No evidence of problems |
| Area 29 | 10 | D = 4 to 5 | 215 x 55 | Flat | Old scour area | Grass and weeds | No evidence of problems |
| Area 31 | 300 | H = 2 / D = 2 | 135 x 230 | 5:1 at south and east edges adjacent to low area | Filled-in edge | Grass | No evidence of problems |

Figure 1 - Area of Dredge Spoil Pile Evaluation

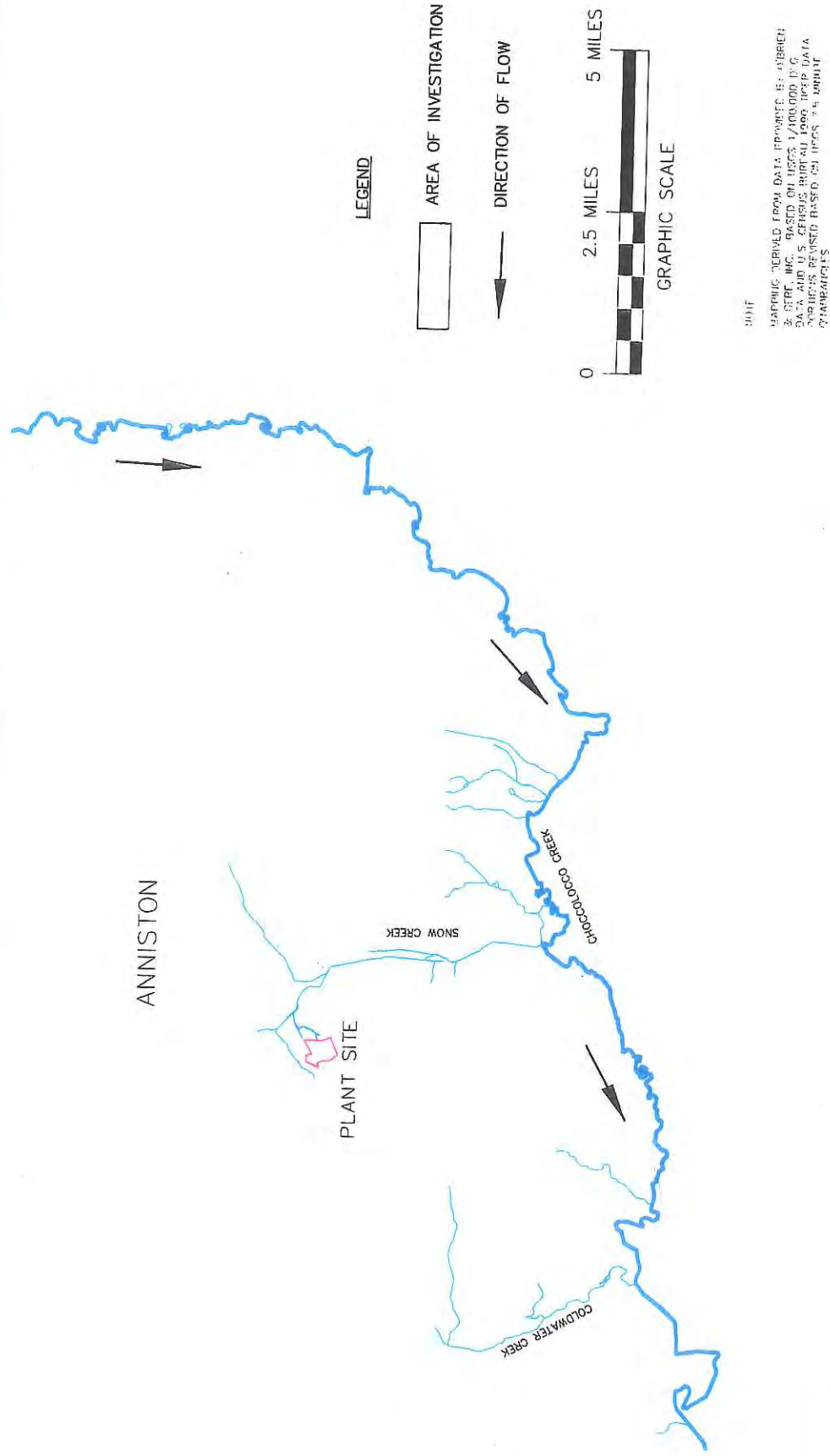
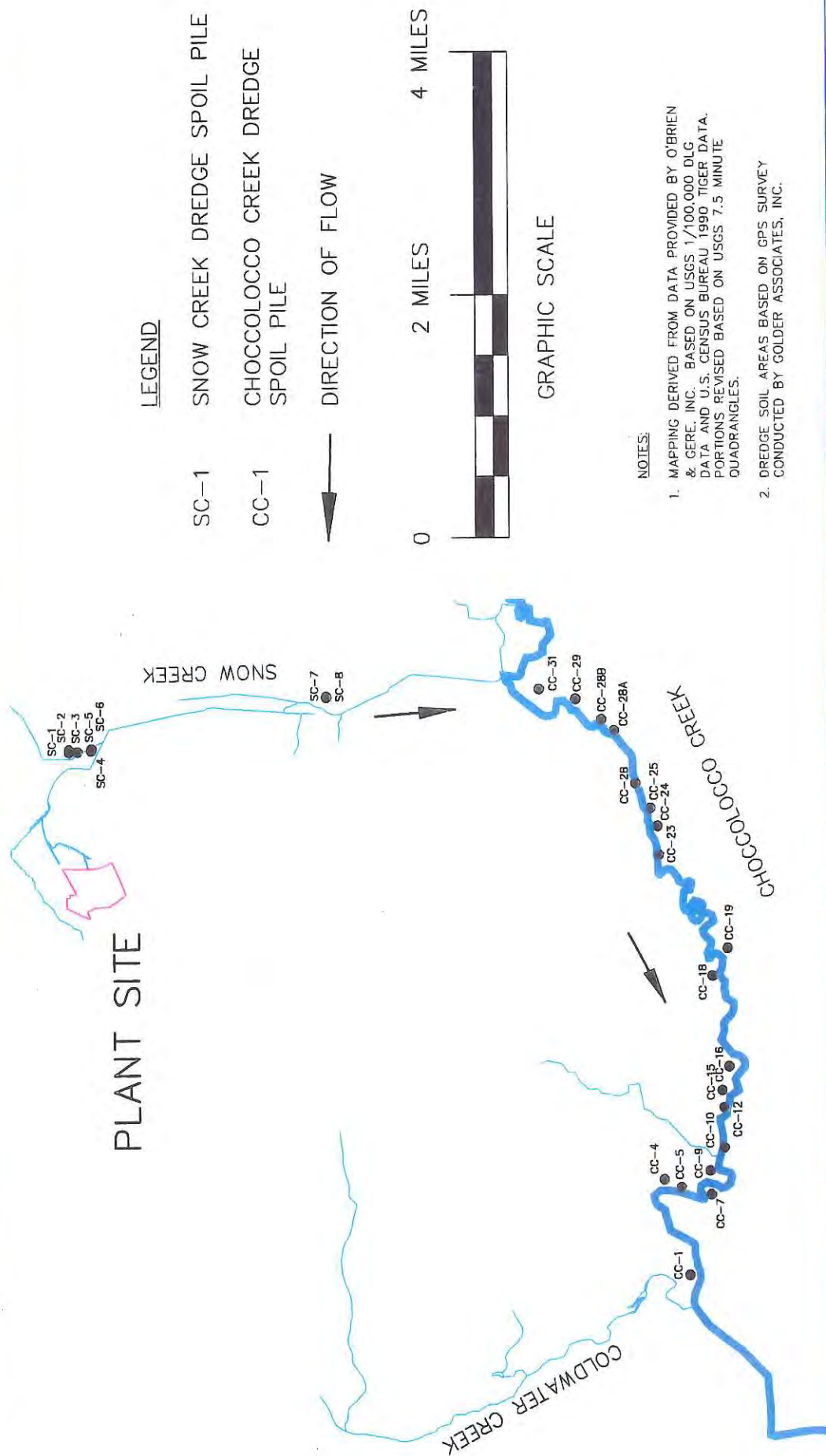


Figure 2 - Locations of Dredge Spoil Areas



APPENDIX A

DREDGE SPOIL AREA DATA FORMS

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|--|---|--|
| AREA IDENTIFICATION NUMBER : AREA 1 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1147760.0242 | (#2) Easting (via GPS) 655051.9125 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 39' 17.9800" N | (#4) Longitude (via GPS) 85° 50' 13.1877" W | | | | | |
| | (#10) Parcel No. 11-21-03-07- 1-02-038 Calhoun Co. | (#11) Owner Name/Address Anniston Land Co., Inc. P.O. Box 850 / 16 W. 11th St. Anniston, Alabama 36201 | | | | | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 57 | (14) Width (ft) 30 | (15) Height (ft) 6 approx. | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Non-woven geotextile; some weeds | (18) Is Vegetation Well Estab. ? N/A; geotextile cover |
| | | (19) Average Slope Along Length (H) : (V) 2 : 1 | (20) Slope Length (Along Length) (ft) 12 | (21) Average Slope Along Width (H) : (V) 2 : 1 | (22) Slope Length (Along Width) (ft) 12 | (23) Steepest Slope (H) : (V) 2 : 1 | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? No, although weeds are growing at geotextile over- laps. |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>Top view</p> | | | | | | | |
| <p>Side view</p> | | | | | | | |
| Photo Caption: Top Surface of Area 1. | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|--|---|---|
| AREA IDENTIFICATION NUMBER : AREA 2 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1147762.0654 | (#2) Easting (via GPS) 654955.4760 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 39' 18.0002" N | (#4) Longitude (via GPS) 85° 50' 14.3286" W | | | | | |
| | (#10) Parcel No. 11-21-03-07- 1-02-037 Calhoun Co. | (#11) Owner Name/Address Anniston Land Co., Inc. P.O. Box 850 / 16 W. 11th St. Anniston, Alabama 36201 | | | | | |
| | PHYSICAL DESCRIPTION | (#13) Length (ft) 50 | (#14) Width (ft) 27 | (#15) Height (ft) 3 | (#16) Soil Type in Area Sand Silt Gravel | (#17) Cover Type and Description Thick woods, briars, weeds | (#18) Is Vegetation Well Estab. ? Yes |
| | | (#19) Average Slope Along Length (H) : (V) 2 : 1 | (#20) Slope Length (Along Length) (ft) 4 | (#21) Average Slope Along Width (H) : (V) 2 : 1 | (#22) Slope Length (Along Width) (ft) 4 | (#23) Steepest Slope (H) : (V) 2 : 1 | (#24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? No |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>TOP VIEW</p> <p>SIDE VIEW</p> | | | | | | | |
| Photo Caption: Area 2, view to the east. | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|---|--|--|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 3 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1147375.7722 | (#2) Easting (via GPS) 654964.4496 | (5) Left (L) or Right (R) Bank ? (looking downstrm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 39' 14.1785" N | (#4) Longitude (via GPS) 85° 50' 14.2223" W | | | | | |
| | | | | | | | |
| | | | (10) Parcel No. 11-21-03-07- 1-02-041 Calhoun Co. | (11) Owner Name/Address Myrtice (& Keith) Phillips P.O. Box 4132 Blue Mountain, Alabama 32604 | | (12) Land Use Empty lot / undeveloped | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 40 | (14) Width (ft) 13 | (15) Height (ft) 7 | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Thick weeds, briars, kudzu | |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | 1 : 1 | 7 | 1 : 1 | 7 | Portions near vertical | Some minor slumping | |
| | | | | | | | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>Top VIEW</p> <p>Side VIEW</p> <p>Pile</p> <p>Top of Bank</p> <p>Snow Creek</p> | | | | | | | |
| | | | Photo Caption: Side view of Area 3, view to the west. | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|--|---|---|---|
| AREA IDENTIFICATION NUMBER : AREA 4 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1146791.4399 | (#2) Easting (via GPS) 655010.1633 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 39' 08.3975" N | (#4) Longitude (via GPS) 85° 50' 13.6812" W | | | | | |
| | | | | | | | |
| | | | (#10) Parcel No. 11-21-03-07- 1-02-046 & -048 Calhoun Co. | (11) Owner Name/Address Rev. Charles Creel 609 Mulberry Ave. Anniston, Alabama 36201 | | (12) Land Use Empty lots / undeveloped | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 34 | (14) Width (ft) 15 | (15) Height (ft) 5 | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Weeds, brush | |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) 4 | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) 4 | (23) Steepest Slope (H) : (V) Portions near vertical | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? Some minor slumping | |
| | | | | | | | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| | | | | Photo Caption: Top surface of Area 4. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|--|---|--|---|
| AREA IDENTIFICATION NUMBER : AREA 5 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1146773.3550 | (#2) Easting (via GPS) 655049.8813 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 39' 08.2186" N | (#4) Longitude (via GPS) 85° 50' 13.2113" W | | | | | |
| | Right (R) | 4,150 | | | | | |
| | LAND OWNERSHIP INFORMATION | | (#10) Parcel No. 11-21-03-07- 1-02-046 & -048 Calhoun Co. | (#11) Owner Name/Address Rev. Charles Creel 609 Mulberry Ave. Anniston, Alabama 36201 | | | (#12) Land Use Empty lots / undeveloped |
| | | | | | | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) 33 | (#14) Width (ft) 15 | (#15) Height (ft) 5 | (#16) Soil Type in Area Sand Silt Gravel | (#17) Cover Type and Description Weeds, brush | | (#18) Is Vegetation Well Estab. ? Yes |
| | | | | | | | |
| AREA SLOPE DATA | (#19) Average Slope Along Length (H) : (V) | (#20) Slope Length (Along Length) (ft) 4 | (#21) Average Slope Along Width (H) : (V) | (#22) Slope Length (Along Width) (ft) 4 | (#23) Steepest Slope (H) : (V) Portions near vertical | (#24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? Some minor slumping | |
| | uneven, 1 : 1 | | uneven, 1 : 1 | | | | |
| | | | | | | | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| | | | Photo Caption: Area 5, view to the east. | | | | |

DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER : AREA 6 / Snow Creek | | | | | | | |
|--|---|--|---|---|--|--|--|
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1146761.3945 | 655081.8720 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 39' 08.1003" N | 85° 50' 12.8329" W | Right (R) | 4,200 | 678 | 0 | 0 (at top of bank level) |
| | | | | | | | |
| LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use | |
| | 11-21-03-07- 1-02-046 & -048 Calhoun Co. | Rev. Charles Creel 609 Mulberry Ave. Anniston, Alabama 36201 | | | | Empty lots / undeveloped | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 15 | 15 | 5 | Sand Silt Gravel | Weeds, brush | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | uneven, 1 : 1 | 4 | uneven, 1 : 1 | 4 | Portions near vertical | Some minor slumping | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>Top View</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| | | | | Photo Caption: Area 6, view to the east. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|--|---|---|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 7 / Snow Creek | | | | | | | |
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1136319.7268 | (#2) Easting (via GPS) 657268.5650 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 37' 24.7975" N | (#4) Longitude (via GPS) 85° 49' 46.9691" W | | | | | |
| | | | | | | | |
| | | | (10) Parcel No. * Multiple, see attached list | (11) Owner Name/Address * See attached list | | (12) Land Use Flood plain / undeveloped | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 450 | (14) Width (ft) 40 | (15) Height (ft) 3 | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Trees, ivy, vines, weeds | |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | | | | | | | |
| | Primarily flat parallel to creek | | -NA- | Near vert. at creek bank | -NA- | Portions near vertical at bank | Bank erosion possible |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>TOP VIEW</p> <p>40'</p> <p>450'</p> <p>Rail Rk Track.</p> <p>Snow Creek</p> <p>BRUSH/ TREES.</p> <p>PILE</p> <p>ORIGINAL ground</p> <p>Snow Creek</p> <p>SIDE VIEW</p> | | | | | | | |
| | | | Photo Caption: Area 7, view to the north (upstream). | | | | |

DREDGE SPOIL AREA DATA

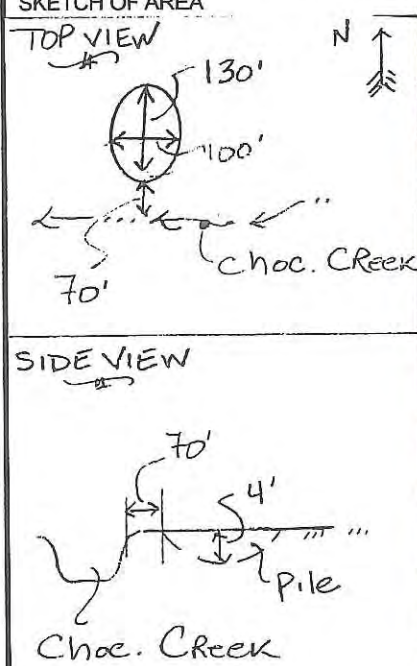

| AREA IDENTIFICATION NUMBER : AREA 8 / Snow Creek | | | | | | | |
|--|--|---|---|---|--|--|--|
| DATE OF INSPECTION : 09/08/98 | | | | INSPECTED BY : Golder Associates Inc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1136325.6870 | (#2) Easting (via GPS) 657319.0367 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 37' 24.8565" N | (#4) Longitude (via GPS) 85° 49' 46.3722" W | | | | | |
| | | | | | | | |
| | | | (10) Parcel No. * Multiple, see attached list | (11) Owner Name/Address * See attached list | | (12) Land Use Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (13) Length (ft) 550 | (14) Width (ft) 80 | (15) Height (ft) 3 | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Trees, ivy, vines, weeds | | (18) Is Vegetation Well Estab. ? Yes |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Primarily flat parallel to creek | -NA- | Near vert. at creek bank | -NA- | Portions near vertical at bank | Bank erosion possible. | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>150' Snow Creek Rail Rd PILE 80' TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> <p>PILE Thick veg. Original ground Snow Creek</p> | | | | | | | |
| Photo Caption: Area 8, view to the north (upstream). | | | | | | | |

SNOW CREEK DREDGE SPOIL AREAS

PROPERTY OWNERSHIP INFORMATION FOR AREAS 7 AND 8

| Dredge Area # | Parcel No. (Calhoun Co.) | Owner Name / Address |
|---------------|--|--|
| 7 & 8 | 11-21-04-20-2-01-33.06 | U.S. Castings/U.S. Pipe 1831 Front Street Anniston, Al 36201 |
| | 11-21-04-2-01-27.01 & 11-21-04-20-2-01-33 | PRIMAX Properties, LLC. (c/o William G. Seymour) 1115 East Morehead St. Charlotte, NC 28204 |
| | 11-21-04-20-2-01-33.02 | James Jennings c/o Omega Homes, Inc. 1720 S. Quintard Ave. Anniston, Alabama 36201 |
| | 11-21-04-20-2-01-33.08 & 11-21-04-20-2-01-33.07 & 11-21-04-20-2-01-33.05 | Donald O. (& Zandra) Sills P.O. Box 3342 Oxford, Alabama 36203 |
| | 11-21-04-20-2-01-33.01 | (Frank) Chien-Hwa Chen 322 Mar-Sha Drive Anniston, Alabama 36206 |

DREDGE SPOIL AREA DATA

| | | | | | | | | |
|---|--|---|---|--|---|---|---|-------|
| AREA IDENTIFICATION NUMBER : AREA 1 / Choccolocco Creek | | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Associates | | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1120576.5283 | (#2) Easting (via GPS) 631656.9024 | (#5) Left (L) or Right (R) Bank ? (looking downstrm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) | |
| | (#3) Latitude (via GPS) 33° 34' 48.9501" N | (#4) Longitude (via GPS) 85° 54' 49.7044" W | | | | | | |
| | Right (R) | 45,500 | | | | | | 589.4 |
| | LAND OWNERSHIP INFORMATION | | (#10) Parcel No. 61-06-02-04-0- 000-006-000 Talladega Co. | (#11) Owner Name/Address Frances Louise Candler P.O. Box 213 Ohatchee, Alabama 36271 | | | (#12) Land Use Flood plain / agricultural | |
| | | | | | | | | |
| | | | | | | | | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) 130 | (#14) Width (ft) 100 | (#15) Height (ft) -NA- Depth = 4 per NRCS | (#16) Soil Type in Area Sand Silt | (#17) Cover Type and Description Grass and tall weeds | | (#18) Is Vegetation Well Estab. ? Yes | |
| | | | | | | | | |
| AREA SLOPE DATA | (#19) Average Slope Along Length (H) : (V) | (#20) Slope Length (Along Length) (ft) | (#21) Average Slope Along Width (H) : (V) | (#22) Slope Length (Along Width) (ft) | (#23) Steepest Slope (H) : (V) | (#24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | | |
| | Flat | -NA- | Flat | -NA- | Flat | No | | |
| | | | | | | | | |
| SKETCH OF AREA  | | | AREA PHOTOGRAPH  | | | | | |
| Photo Caption: Area 1, view to the west. | | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | | |
|---|--|--|---|--|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 4 / Choccolocco Creek | | | | | | | | |
| DATE OF INSPECTION : 09/03/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1121685.7154 | (#2) Easting (via GPS) 635898.0630 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) 75 | (#9) Elevation Drop Along (# 8) (approx.) (ft) 0 (at top of bank level) | |
| | (#3) Latitude (via GPS) 33° 34' 59.9733" N | (#4) Longitude (via GPS) 85° 53' 59.5825" W | | | | | | |
| | | | | | | | | |
| | LAND OWNERSHIP INFORMATION | (#10) Parcel No. 61-02-04-0- 000-013-000 Talladega Co. | (#11) Owner Name/Address Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | (12) Land Use Pasture / agricultural | |
| | | | | | | | | |
| | | | | | | | | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) 100 | (#14) Width (ft) 85 | (#15) Height (ft) -NA- Depth = 3 to 5 per NRCS | (#16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Grass and tall weeds | | (18) Is Vegetation Well Estab. ? Yes | |
| | | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | | |
| | Flat | -NA- | Flat | -NA- | Flat | No | | |
| | | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | | |
| | | | | | | | | |
| | | | | <p>Photo Caption: Area 4, view to the north.</p> | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|--|---|--|---|---|---|---|
| AREA IDENTIFICATION NUMBER : AREA 5 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/03/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1120929.3942 | (#2) Easting (via GPS) 635528.3350 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 34' 52.4686" N | (#4) Longitude (via GPS) 85° 54' 03.9470" W | | | | | |
| | 33° 34' 52.4686" N | 85° 54' 03.9470" W | | | | | |
| | Left (L) | | 38,500 | 575.6 | 200 | 0 (at top of bank level) | |
| | LAND OWNERSHIP INFORMATION | (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. | | (#11) Owner Name/Address Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | (#12) Land Use Pasture / agricultural |
| (#13) Length (ft) 100' | | (#14) Width (ft) 120' | (#15) Height (ft) -NA- Depth = 3 to 5 per NRCS | (#16) Soil Type in Area Sand Silt Gravel | (#17) Cover Type and Description Grass and tall weeds | | |
| (#18) Is Vegetation Well Estab. ? Yes | | | | | | | |
| AREA SLOPE DATA | (#19) Average Slope Along Length (H) : (V) | (#20) Slope Length (Along Length) (ft) | (#21) Average Slope Along Width (H) : (V) | (#22) Slope Length (Along Width) (ft) | (#23) Steepest Slope (H) : (V) | (#24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW ... ← ...</p> | | | | | | | |
| <p>Side View</p> | | | | | | | |
| | | | | Photo Caption: Area 5, view to the east. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|--|---|---|--|---|---|---|
| AREA IDENTIFICATION NUMBER : AREA 7 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1119579.7367 | (#2) Easting (via GPS) 635212.4332 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 34' 39.1138" N | (#4) Longitude (via GPS) 85° 54' 07.6704" W | | | | | |
| | | | | | | | |
| | | | (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. | (11) Owner Name/Address Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | (12) Land Use Pasture / agricultural | |
| | PHYSICAL DESCRIPTION | (13) Length (Ft) 160 | (14) Width (Ft) 20 | (15) Height (Ft) -NA- Depth = 4 per NRCS | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Sand (washed-in area in flood prone section of property) | |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No, however, vegetative cover is not present. | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| | | | | Photo Caption: Area 7, view to the northeast. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | | |
|---|--|---|--|--|--|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 9 / Choccolocco Creek | | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1119627.0408 | (#2) Easting (via GPS) 636273.8370 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. (ft) (stream mile) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) 3 to top of bank level) | |
| | (#3) Latitude (via GPS) 33° 34' 39.5886" N | (#4) Longitude (via GPS) 85° 53' 55.1254" W | | | | | | |
| | | | | | | | | |
| | LAND OWNERSHIP INFORMATION | (#10) Parcel No. 61-06-02-03-0- 000-031-000 Talladega Co. | (11) Owner Name/Address Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | (12) Land Use Flood plain / undeveloped | |
| | | | | | | | | |
| | | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) 100 | (14) Width (ft) 75 | (15) Height (ft) -NA- Depth = 0 to 7 per NRCS | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Gravel and sand at surface | | (18) Is Vegetation Well Estab. ? No | |
| | | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | | |
| | Flat | -NA- | Flat | -NA- | 5:1 near creek edge | No, however vegetative cover is not present. | | |
| | | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | | |
| <p>TOP VIEW</p> | | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | | |
| | | | | Photo Caption: Area 9, view to the west. | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|--|--|---|--|---|
| AREA IDENTIFICATION NUMBER : AREA 10 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1118980.2828 | (#2) Easting (via GPS) 637278.3930 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 34' 33.1961" N | (#4) Longitude (via GPS) 85° 53' 43.2474" W | | | | | |
| | | | | | | | |
| | | | Left (L) | 34,000 | 577.8 | 200 | 0 (at top of Bank Level) |
| | LAND OWNERSHIP INFORMATION | (#10) Parcel No. 61-06-02-03-0- 000-033-000 Talladega Co. | (11) Owner Name/Address Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | (12) Land Use Flood plain / undeveloped |
| | | | | | | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) 250 | (14) Width (ft) 110 | (15) Height (ft) 2 above top of bank; Depth = 3 per NRCS | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Grass and weeds | | (18) Is Vegetation Well Estab. ? Yes |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | | | | | | | |
| | Flat at top | apprx. 8 at edges where 4:1 slope | Flat at top | apprx. 8 at edges where 4:1 slope | 4:1 at pile edges | No | |
| SKETCH OF AREA | | AREA PHOTOGRAPH | | | | | |
| | | | | | | | |
| | | | | | | | |
| SIDE VIEW | | Photo Caption: Area 10, view to the south. | | | | | |

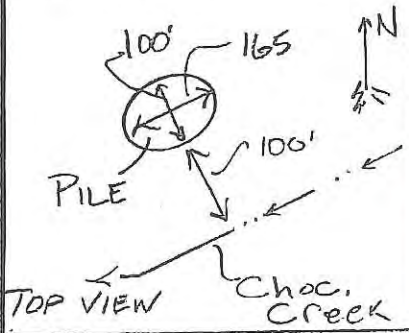

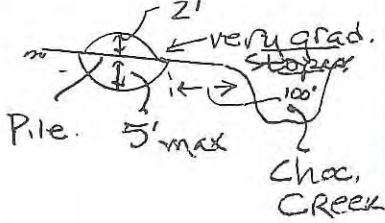
DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|--|--|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 12 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstrm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1118979.9074 | 639068.1385 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 34' 33.2024" N | 85° 53' 22.0937" W | Left (L) | 32,000.00 | 580.1 | 80 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use |
| 61-06-02-03-0- 000-034-000 Talladega Co. | | Doris R. Burrows P.O. Box 3118 Oxford, Alabama 36203 | | | | Flood plain / undeveloped | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) -NA- Depth = 4 to 5 per NRCS | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Grass and weeds | | (18) Is Vegetation Well Estab. ? Yes |
| | 100 | 90 | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Mostly flat | -NA- | Mostly flat | -NA- | 3:1 slope at west and south edge | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| | | | | | | | |
| | | | | | | | |
| SIDE VIEW | | | | Photo Caption: Area 12, view to the south. | | | |

DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER : AREA 15 / Choccolocco Creek | | | | | | | |
|--|---|---|---|---|--|--|--|
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1119067.8536 | 639824.8552 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 34' 34.0765" N | 85° 53' 13.1504" W | Right (R) | 31,000 | 578.6 | 150 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use |
| 61-06-02-03-0- 000-029-000 Talladega Co. | | Calhoun County Economic Development Council P.O. Box 2283 Anniston, Alabama 36202 | | | | Undeveloped | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 70 | 150 | -NA- Depth = 3 to 4 per NRCS | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| | | | | | | | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | Photo Caption: Area 15, view to the west. | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|--|--|---|--|---|
| AREA IDENTIFICATION NUMBER : AREA 16 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank ? (looking downstm) | Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (# 8) (approx.) (ft) |
| | 1118743.8480 | 640883.2374 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 30.8762" N | 85° 53' 00.6391" W | Right (R) | 30,000 | 581.8 | 100 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-029-000 Talladega Co. | Calhoun County Economic Development Council P.O. Box 2283 Anniston, Alabama 36202 | | | | Undeveloped | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (#13) | (#14) | (#15) | (#16) | (#17) | | (#18) |
| | Length (ft) | Width (ft) | Height (ft) | Soil Type in Area | Cover Type and Description | | Is Vegetation Well Estab. ? |
| | 165 | 100 | aprx. 2' tall; Depth = 2 to 5 per NRCS | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | 4 : 1 | 8 approx. | 4 : 1 | No | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
|  <p>TOP VIEW</p> | | |  | | | | |
|  <p>SIDE VIEW</p> | | | | | | | |
| | | | Photo Caption: Area 16, view to the east. | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|---|---|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 18 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (Ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1119480.2995 | 644907.6022 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 34' 38.1790" N | 85° 52' 13.0771" W | Right (R) | 24,000 | 588 | 500 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | (12) Land Use | | | |
| 61-06-01-02-0- 000-009-000 Talladega Co. | | City of Anniston 1128 Gurnee Ave. Anniston, Alabama 36201 | Airport buffer zone | | | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 130 | 150 | 3 Depth = 2 per NRCS | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Mostly flat | -NA- | Mostly flat | -NA- | 3:1 (at Northern edge) | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> <p>Very gradual slopes.</p> <p>SIDE VIEW</p> | | | | | | | |
| | | | | Photo Caption: Area 18, view to the west. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|---|---|---|---|--|---|
| AREA IDENTIFICATION NUMBER : AREA 19 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/02/98 | | | | INSPECTED BY : Genesis Project / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1118790.8812 | (#2) Easting (via GPS) 646112.8811 | (#5) Left (L) or Right (R) Bank ? (looking downstrm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx) (ft) |
| | (#3) Latitude (via GPS) 33° 34' 31.3623" N | (#4) Longitude (via GPS) 85° 51' 58.8287" W | | | | | |
| | | | | | | | |
| | | | (#10) Parcel No. 61-06-01-02-0- 000-010-000 Talladega Co. | (11) Owner Name/Address Billy Ray and Tommie Jean Camp 480 Kirby Road Oxford, Alabama 36203 | | (12) Land Use Pasture | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 100 | (14) Width (ft) 65 | (15) Height (ft) -NA- Depth = 5 to 6 per NRCS | (16) Soil Type in Area Sand Silt Gravel | (17) Cover Type and Description Grass and tall weeds | |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) Flat | (20) Slope Length (Along Length) (ft) -NA- | (21) Average Slope Along Width (H) : (V) Flat | (22) Slope Length (Along Width) (ft) -NA- | (23) Steepest Slope (H) : (V) Flat | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| | | | | Photo Caption: Area 19, view to the north. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 23 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1121847.1841 | (#2) Easting (via GPS) 650250.8679 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 35' 01.6099" N | (#4) Longitude (via GPS) 85° 51' 09.9273" W | | | | | |
| | (10) Parcel No. 61-06-01-01-0- 000-003-000 Talladega Co. | (11) Owner Name/Address Joe N. Bennett 1608 Joe St. Oxford, Alabama 36203 | | | | | |
| | LAND OWNERSHIP INFORMATION | | | | | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) 185 | (14) Width (ft) 100 | (15) Height (ft) -NA- Depth = 3 per NRCS | (16) Soil Type in Area Sand & Silt | (17) Cover Type and Description Grass, weeds, some trees planted at perimeter | | (18) Is Vegetation Well Estab. ? Yes |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) 10 : 1 | (20) Slope Length (Along Length) (ft) 40 approx. | (21) Average Slope Along Width (H) : (V) 10 : 1 | (22) Slope Length (Along Width) (ft) 40 approx. | (23) Steepest Slope (H) : (V) 10 : 1 | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? No | |
| | | | | | | | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>Side VIEW</p> | | | | | | | |
| | | | | Photo Caption: Area 23, view to the northwest. | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|---|---|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 24 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1121894.6292 | 651514.1979 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 35' 02.0814" N | 85° 50' 54.9943" W | Left (L) | 14,500 | 594.2 | ~ 5 (next to flood berm) | 2 above bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use |
| 61-06-01-01-0- 000-003-000 Talladega Co. | | Joe N. Bennett 1608 Joe St. Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 280 | 165 | ~10 | Sand Silt Gravel | Grass | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | 3 : 1 w/ Flat top | 50 approx. | 3 : 1 | 50 approx. | 3 : 1 | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| Photo Caption: Area 24, view to the east toward Highway 21 bridge. | | | | | | | |

DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER : AREA 25 / Choccolocco Creek | | | | | | | |
|--|---|--|---|---|--|--|--|
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (From Map Measmt.) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1122206.7393 | 652309.5733 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 35' 05.1703" N | 85° 50' 45.5931" W | Left (L) | 13,500 | 595.5 | 70 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use |
| E 1/2 = 61-05- 03-06-0-000- 004-001 | | E 1/2 = Bruce W. Corbett 932 Allred Dr. Oxford, Alabama 36203 | | | | Flood plain / undeveloped | |
| W 1/2 = 61-05- 03-06-0-000- 004-008 Talladega Co. | | W 1/2 = Werner C. & Ruth E. Vogt 7791 31st Ave. N St. Petersburg, FL 33710 | | | | | |
| PHYSICAL DESCRIPTION | | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | |
| | 110 | 100 | -NA- Depth = 4 to 5 per NRCS | Sandy loam | Grass, weeds, small oak trees planted along perimeter | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| | SKETCH OF AREA | | AREA PHOTOGRAPH | | | | |
| <p>Choc. Creek</p> <p>70'</p> <p>100'</p> <p>110'</p> <p>PILE</p> <p>N</p> <p>TOP VIEW</p> | | | | | | | |
| <p>110'</p> <p>70'</p> <p>4'</p> <p>PILE</p> <p>Choc Creek</p> <p>SIDE VIEW</p> | | | | | | | |
| Photo Caption: Area 25, view to the north. | | | | | | | |

DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER : AREA 26 / Choccolocco Creek | | | | | | | |
|---|---|---|---|---|--|---|--|
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1122863.8876 | (#2) Easting (via GPS) 653390.9506 | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along # 8) (approx.) (ft) |
| | (3) Latitude (via GPS) 33° 35' 11.6729" N | (4) Longitude (via GPS) 85° 50' 32.8112" W | | | | | |
| | (10) Parcel No. 11-21-09-31- 3-01-001 Calhoun Co. | (11) Owner Name/Address Phyllis S. Weaver 1 Meadowlake Farm Rd. Oxford, Alabama 36203 | | | | | |
| | PHYSICAL DESCRIPTION | (13) Length (ft) 140 | (14) Width (ft) 60 | (15) Height (ft) -NA- Depth = 4 to 6 per NRCS | (16) Soil Type in Area Sand, Silt Gravel | (17) Cover Type and Description Grass and weeds cover most of area, however at the edge of fill / borrow pit interface, no cover. | (18) Is Vegetation Well Estab. ? Yes, except as noted under #17. |
| | | (19) Average Slope Along Length (H) : (V) Flat | (20) Slope Length (Along Length) (ft) -NA- | (21) Average Slope Along Width (H) : (V) Mostly flat | (22) Slope Length (Along Width) (ft) -NA- | (23) Steepest Slope (H) : (V) 3 : 1 where fill transitions into old borrow pit. | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? No, however some soil is exposed at the location noted under #17. |
| SKETCH OF AREA | | AREA PHOTOGRAPH | | | | | |
| <p>Lower Portion of old pit filled in.</p> <p>140'</p> <p>60'</p> <p>40'</p> <p>PILE</p> <p>TOP VIEW</p> <p>Choc Creek</p> <p>Standing water 6'</p> <p>40'</p> <p>140'</p> <p>PILE</p> <p>SIDE VIEW</p> <p>Choc Creek</p> | | | | | | | |
| | | Photo Caption: Area 26, view to the southwest. | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|--|---|--|--|
| AREA IDENTIFICATION NUMBER : Area 28 A / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) 1123772.6958 | (#2) Easting (via GPS) 655731.7219 | (#5) Left (L) or Right (R) Bank ? (looking downstm) | (#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (#9) Elevation Drop Along (# 8) (approx.) (ft) |
| | (#3) Latitude (via GPS) 33° 35' 20.6653" N | (#4) Longitude (via GPS) 85° 50' 05.1416" W | | | | | |
| | | | | | | | |
| | | | Right (R) | | 596.1 | 80 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (#10) Parcel No. 11-21-09-31- 4-001-002 Calhoun Co. | (11) Owner Name/Address Phyllis S. Weaver 1 Meadowlake Farm Rd. Oxford, Alabama 36203 | | | | (12) Land Use Pasture / agricultural |
| | | | | | | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) 240 | (14) Width (ft) 70 | (15) Height (ft) -NA- Depth = 5 to 6 per NRCS | (16) Soil Type in Area Sands Silts | (17) Cover Type and Description Grass and weeds | | (18) Is Vegetation Well Estab. ? Yes, except a dry spot on corner. |
| | | | | | | | |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | <p>Photo Caption: Area 28A, view to the east.</p> | | | |
| <p>SIDE VIEW</p> | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|---|---|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 28 B / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1124326.1238 | 656211.7946 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 35' 26.1406" N | 85° 49' 59.4665" W | Right (R) | 9,000 | 596.1 | 80 | 0 (at top of (bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | (12) Land Use | |
| 11-21-09-31- 4-01-002 Calhoun Co. | | Phyllis S. Weaver 1 Meadowlake Farm Rd. Oxford, Alabama 36203 | | | Pasture / agricultural | | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 155 | 45 | -NA- Depth = 6 to 7 per NRCS | Sands Silt | Grass and weeds | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| | | | | | | | |
| SKETCH OF AREA | | | | AREA PHOTOGRAPH | | | |
| <p>TOP VIEW</p> | | | | <p>Photo Caption: Area 28B, view to the north.</p> | | | |
| <p>SIDE VIEW</p> | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|---|---|--|--|---|--|---|
| AREA IDENTIFICATION NUMBER : AREA 29 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank ? (looking downstm) | Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (# 8) (approx.) (ft) |
| | 1125444.6484 | 657128.8242 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 35' 37.2064" N | 85° 49' 48.6254" W | Right (R) | 6,500 | 597.8 | 10 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-31- 4-01-002 | Phyllis S. Weaver 1 Meadowlake Farm Rd. Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| | Calhoun Co. | | | | | | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type in Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Estab. ? |
| | 215 | 55 | -NA- Depth = 4 to 5 per NRCS | Sands Silts | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Flat | -NA- | Flat | -NA- | Flat | No | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p style="text-align: center;">TOP VIEW</p> | | | | | | | |
| <p style="text-align: center;">SIDE VIEW</p> | | | | | | | |
| | | | Photo Caption: Area 29, view to the west. | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|--|--|---|--|--|--|
| AREA IDENTIFICATION NUMBER : AREA 31 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION : 09/01/98 | | | | INSPECTED BY : Golder Associates / Roux Assoc. | | | |
| LOCATION (w/r to Centroid) | (#1) Northing (via GPS) | (#2) Easting (via GPS) | (5) Left (L) or Right (R) Bank ? (looking downstrm) | (6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) | (7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) | (8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | (9) Elevation Drop Along (# 8) (approx.) (ft) |
| | 1127040.2954 | 657579.5389 | | | | | |
| | (3) Latitude (via GPS) | (4) Longitude (via GPS) | | | | | |
| | 33° 35' 52.9926" N | 85° 49' 43.2965" W | Left (L) | 3,500 | 602.2 | 300 | 0 (at top of bank level) |
| | LAND OWNERSHIP INFORMATION | (10) Parcel No. | (11) Owner Name/Address | | | | (12) Land Use |
| 11-21-09-32- 2-01-006 Calhoun Co. | | Edward C. Hopson 1700 Cheaha Dr. Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| | | | | | | | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type in Area | (17) Cover Type and Description | | (18) Is Vegetation Well Estab. ? |
| | 135 | 230 | 2 Depth = 2 per NRCS | Sands Silts Gravel | Grass | | Yes |
| AREA SLOPE DATA | (19) Average Slope Along Length (H) : (V) | (20) Slope Length (Along Length) (ft) | (21) Average Slope Along Width (H) : (V) | (22) Slope Length (Along Width) (ft) | (23) Steepest Slope (H) : (V) | (24) Is There Evidence of Slump, Erosion or Area Stability Problem(s) ? | |
| | Mostly flat, except at edges | -NA- | Mostly flat, except at edges | -NA- | 5:1 at south and east edges | No | |
| | | | | | | | |
| SKETCH OF AREA | | | AREA PHOTOGRAPH | | | | |
| <p>TOP VIEW</p> | | | | | | | |
| <p>SIDE VIEW</p> | | | | | | | |
| <p>Choc Creek. PILE (mostly Flat)</p> | | | <p>Photo Caption: Area 31, view to the west.</p> | | | | |

APPENDIX B

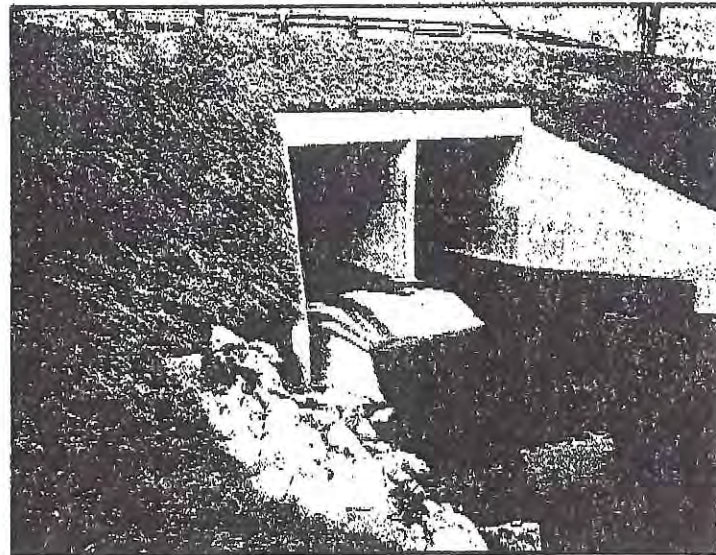
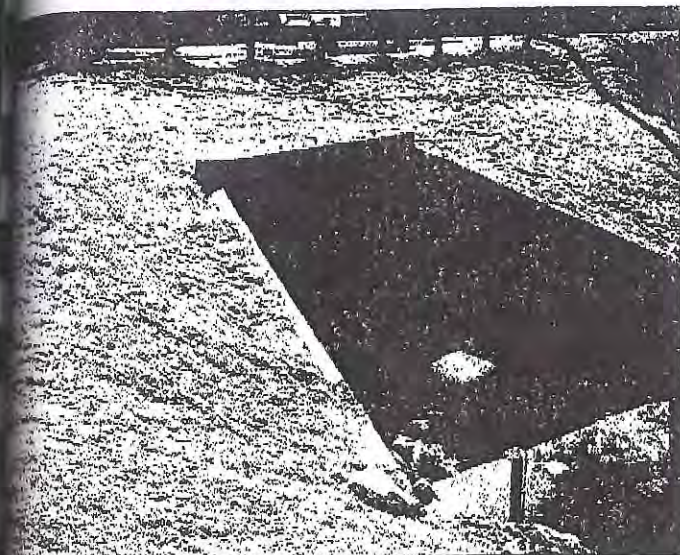
TYPICAL SPECIFICATIONS FOR EROSION CONTROL BLANKETS AND TURF REINFORCEMENT MATS



American Excelsior Company[®]

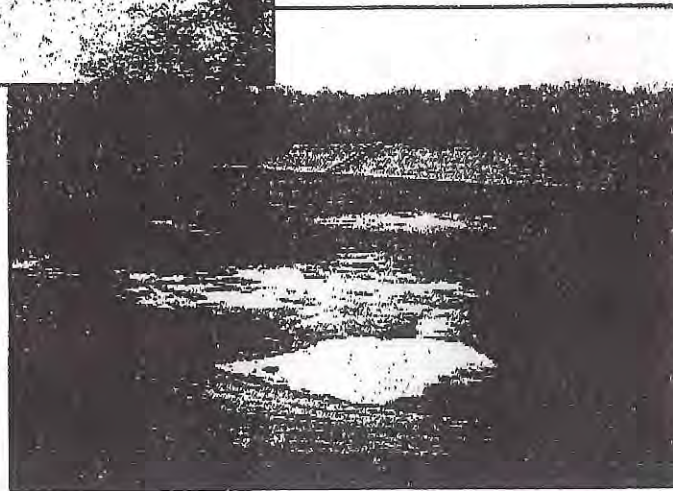
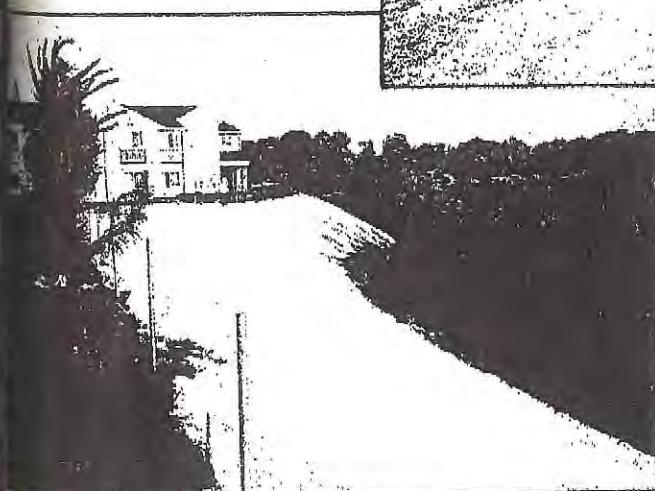
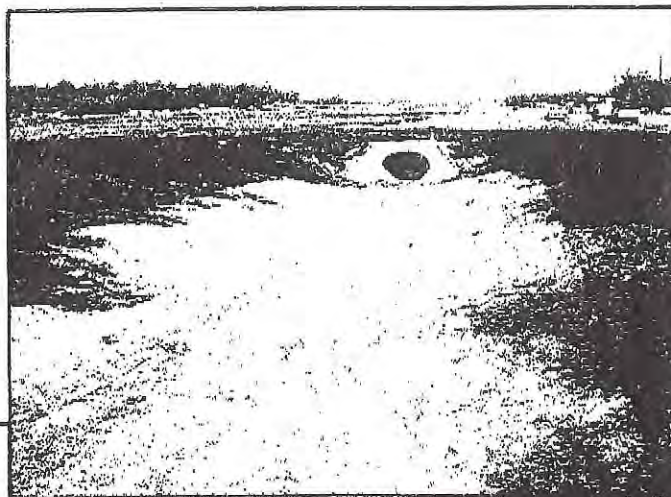
AN EMPLOYEE OWNED COMPANY

Curlex[®] Excelsior Blankets



Product.....

Results



American Excelsior Company

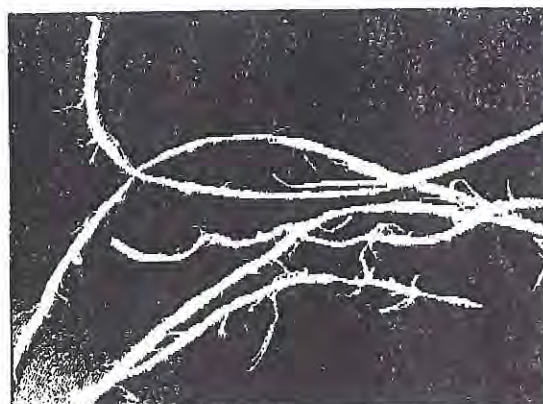
"Working With Nature To Create a Better Environment"

Curlex® Blankets Have...

Curlex® Blankets have long passed the test of time, and their proven use has been seen by just about every agency or contractor who has disturbed soil.

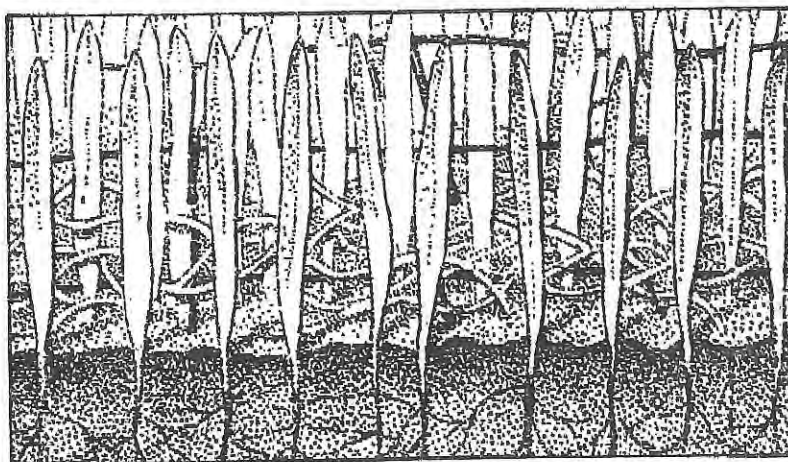
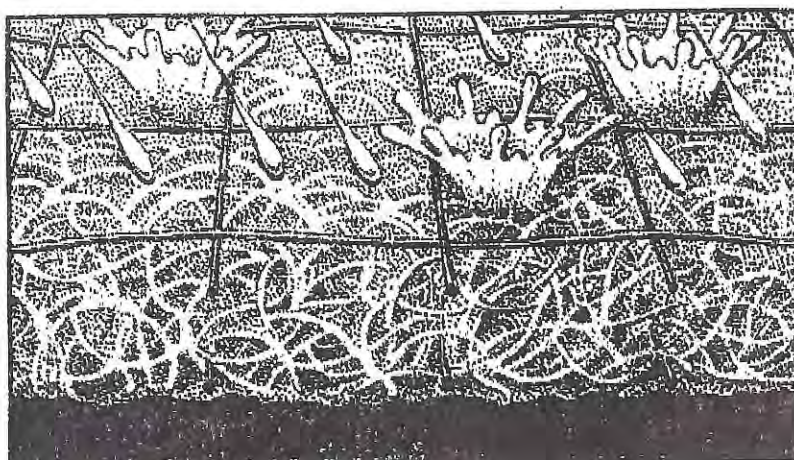
Curlex Blankets have a unique ability to not only "cling" to the soil, but to cling to its own internal construction, due to the "barbed" fibers. This reduces soil loss and provides strength in its foundation.

Curlex Blankets also have a natural "mechanical" action, by its ability to expand and contract during weather conditions. As fibers come in contact with moisture, it causes the fibers to expand. As the water is released into the soil, the drying causes contraction of the fibers. This expansion/contraction helps the fibers dig into the soil, thus the natural mechanical action.



Curlex Blankets:

- Help protect seeds from harsh direct sunlight.
- Help reduce the fluctuations in soil temperature by creating a "blanket" for the germinating seeds.
- Help break-up heavy raindrops, which can cause added soil loss due to the "splashing" effect of lifted soils.
- Retain moisture, which is later available to the soil.
- Are a renewable resource. Aspen trees are self-propagating.
- Are stocked at over 30 company-owned locations.
- Are supported by company representatives who understand their products and the conditions they are used in.
- Have been exposed to numerous tests by state and federal agencies, as well as other outside sources.
- Are available in many constructions to meet various soil conditions.
- Germinating growth provides "thousands" of small anchors, which in turn aid in "locking" the product to the soil.
- Are available with various netting constructions that last from 30-60 days, to multiple years.
- Contain no weed seeds (do not have to be treated to kill foreign weed seeds).
- Conform to soil surfaces. Are not rigid, like some fibers.
- Aspen fibers are biodegradable, acting like a mulch which adds natural nutrients to the soil.
- Backed by business success that dates back to 1888.
- Vegetation is the ultimate key to the project's success, and Curlex Blankets have a greenhouse affect that helps expedite the germination.



American Excelsior Company produces a large variety of products related to erosion and sediment control.

Whether it is Excel® Fibermulch II, Curlex Blankets or our Tri-Lock concrete revetment system, American Excelsior is close by. Consult the back cover for the location nearest you.

CURLEX® I

Erosion Control Blanket

Revised 04/06/98
Replaces 01/12/98

CURLEX® I MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen Excelsior
Polypropylene netting
QuickGrass (green excelsior - optional)

Roll Sizes:

| <u>Width</u> | <u>Length</u> | <u>Area</u> | <u>Weight</u> |
|--------------|------------------|--------------------------------|-----------------|
| 4 ft (1.22m) | 180 ft (54.9m) | 80.0 sy (66.9 m ²) | 78 lb (35.4 kg) |
| 4 ft (1.22m) | 112.5 ft (34.4m) | 50.0 sy (41.8 m ²) | 49 lb (22.2 kg) |
| 8 ft (2.44m) | 90 ft (27.4m) | 80.0 sy (66.9 m ²) | 78 lb (35.4 kg) |
| 8 ft (2.44m) | 56.25 ft (17.1m) | 50.0 sy (41.8 m ²) | 49 lb (22.2 kg) |

Description:

Curlex® I erosion control blanket is a natural, excelsior blanket which provides a temporary organic cover to reduce erosion, protect seeds, enhance germination and hasten re-vegetation. Typically, *Curlex® I* is suitable for severe slopes up to 1.5:1 and channels up to 5.0 fps (1.5 mps). *Curlex® I* is furnished in rolls with polyethylene wrapping (paper wrapping for QuickGrass) to protect against the elements prior to installation and may be ordered stretch-wrapped in Master-Paks of six rolls each (banded in Master-Paks of four rolls for 8 foot widths) to minimize material handling requirements.

Physical Properties:

| | |
|--------------------|---|
| Fiber: | Great Lakes Aspen Excelsior with no weed seeds Curled, interlocking fibers with barbed edges |
| Fiber Size: | 80% of fibers a minimum of 6" (15.24 cm) long 0.038" ± 0.010" wide by 0.018" ± 0.003" thick (0.97 mm ± 0.25 mm wide by 0.45 mm ± 0.08 mm thick) |
| Water Absorption: | 250% ± 25% |
| Weight: | 0.98 lb/sy (0.53 kg/m ²) ± 10% |
| Net: | Polypropylene (green or white-UV degrader additive) |
| Net Opening Size: | 3/4" wide by 1-5/8" long (19 mm wide by 41 mm long) |
| Net Configuration: | Top side only |

All weights and measures are based on product at time of manufacture

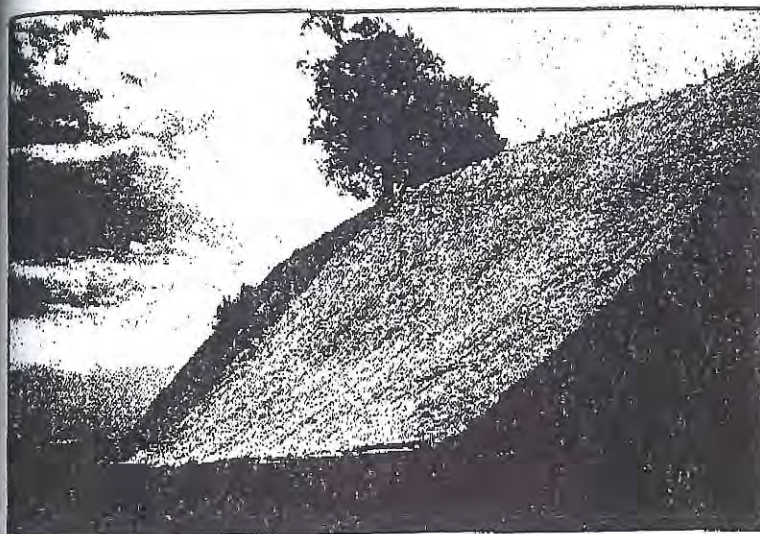
**American
Excelsior
Company®**



AN EMPLOYEE OWNED COMPANY

P.O. Box 5067 / 850 Avenue H East. Arlington, TX 76011 Phone 800-777-SOIL Fax 817-649-7816

Curlex® I

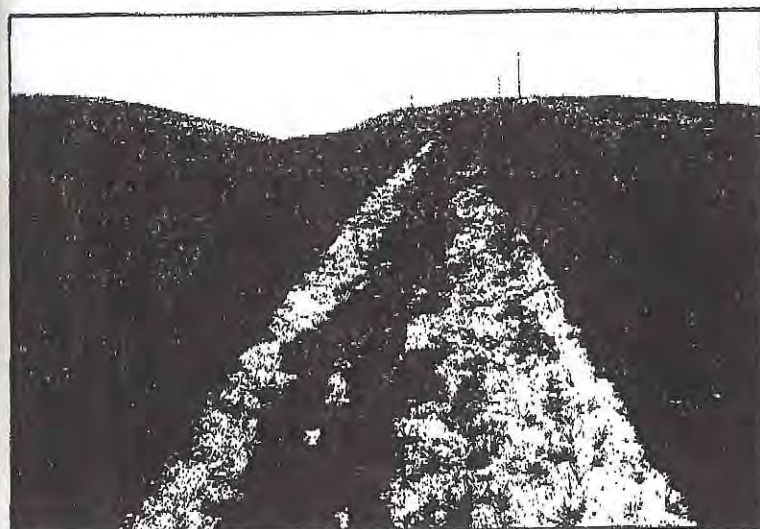


SPECIFICATION

A wood machined mat of curled wood excelsior of 80% six-inch or longer fiber length. It has consistent thickness, with the fibers evenly distributed over the entire area of the blanket. The top of each blanket shall be covered with a photo-degradable, extruded plastic mesh. Material shall not contain any chemical additives.

| | |
|------------------|--|
| Recommended Use: | Slopes to 1.5:1, Channels to 5 fps |
| Roll Sizes: | 4'x 180', 4'x 112.5', 8'x 90' |
| Weight: | .975 lbs./sq. yd. |
| Options: | Also available with a short 30-60 day life-cycle netting |

Curlex® II (Double Sided)

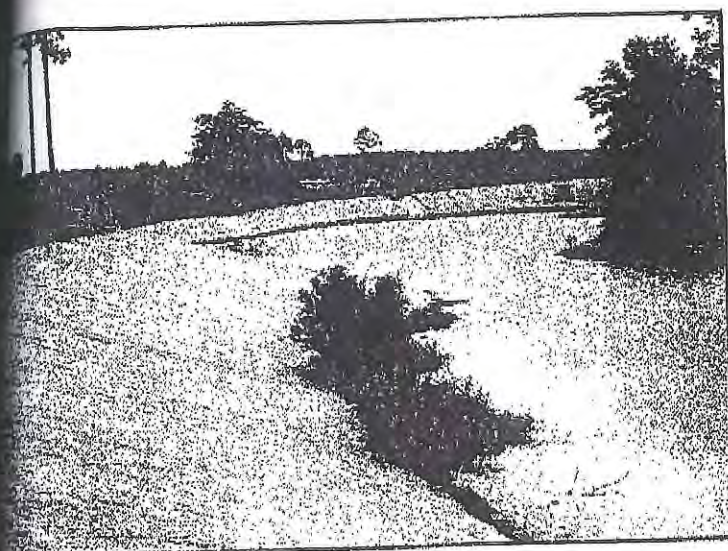


SPECIFICATION

A wood machined mat of curled wood excelsior of 80% six-inch or longer fiber length. It has consistent thickness, with the fibers evenly distributed over the entire area of the blanket. Both the top and bottom of each blanket shall be covered with a photodegradable, extruded plastic mesh. Material shall not contain any chemical additives.

| | |
|------------------|---|
| Recommended Use: | Slopes to 1.5:1, Channels to 7 fps, Sandy Soils |
| Roll Sizes: | 4'x 180', 4'x 112.5', 8'x 90', 8'x 56' |
| Weight: | 1 lb./sq. yd. |

Curlex® QuickGrass



SPECIFICATION

A dyed green Aspen wood fiber mat constructed from curled excelsior, of which 80% is six-inches or longer in length. It has uniform color and consistent thickness, and the fibers are evenly distributed over the entire blanket. Each blanket is covered with a photodegradable, extruded plastic mesh and shall not contain any chemical additives.

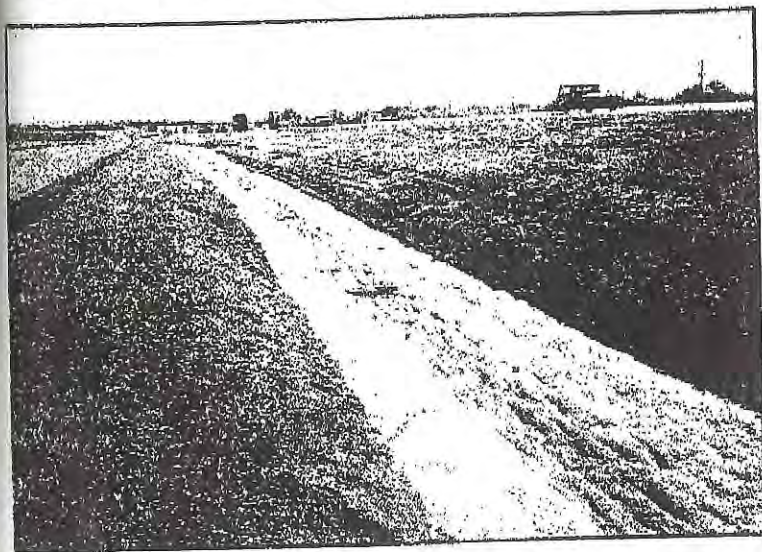
Recommended Use: Slopes to 1.5:1. Channels to 5 fps.
Green color makes this product ideal for sensitive areas such as Landfills, Residential areas, Parks, etc.

Roll Sizes: 4'x 180', 4'x 112.5' 8'x 90'

Weight: 1.06 lbs./sq. yd.

Options: Also available with a short 30-60 day life-cycle netting

Curlex® III (HV)



SPECIFICATION

The excelsior blanket shall consist of a heavy weight construction of a machined, curled wood fiber, produced in a mat form. Fibers shall consist of 80% six-inch or longer fibers with consistent thickness and evenly distributed over its entire areas. Each side is covered with black, heavy-duty, extruded plastic mesh designed to last for years and reinforce the root system after the excelsior mat has decomposed. Material shall not contain any chemical additives.

Recommended Use: Channels to 10 fps, Slopes needing long-term protection

Roll Sizes: 4'x 100', 8' x 50'

Weight: 1.62 lbs./sq. yd.

Curlex® Installation Instructions

- 1) FINISH GRADE, FERTILIZE, AND SEED BEFORE APPLYING BLANKET
- 2) LOCATE BEGINNING OF ROLL USING STARTER SHEET

SLOPES

| Product | Staple Diagram | | Staples | | Seam Overlap | | Installation | |
|------------|----------------|--------------|----------|--------------|--------------|--------------|--------------|--------------|
| | Cohesive | Non-Cohesive | Cohesive | Non-Cohesive | Cohesive | Non-Cohesive | Cohesive | Non-Cohesive |
| Curlex I | A | A | D | E | -- | F | H | I |
| Curlex II | A | A | D | E | -- | F | H | I |
| QuickGrass | A | A | D | E | -- | F | H | I |

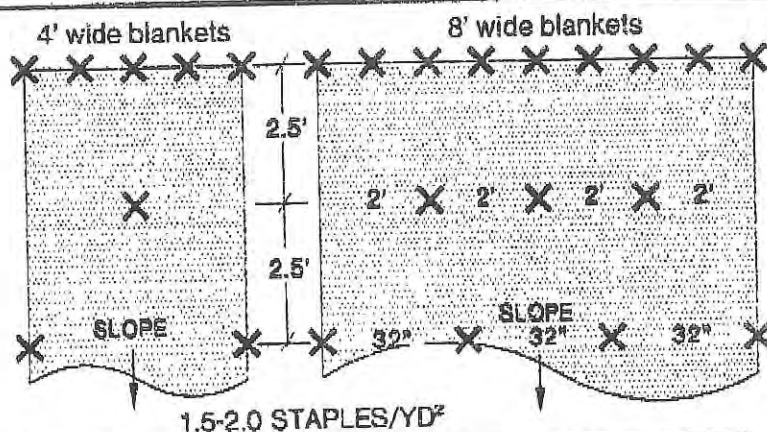
CHANNELS

| Product | Staple Diagram | | Staples | | Seam Overlap (with flow direction) | |
|------------|----------------|--------------|----------|--------------|---------------------------------------|--------------|
| | Cohesive | Non-Cohesive | Cohesive | Non-Cohesive | Cohesive | Non-Cohesive |
| Curlex I | B | B | D | E | G | G |
| Curlex II | B | B | D | E | G | G |
| QuickGrass | B | B | D | E | G | G |
| Curlex III | C | C | D | E | G | G |

- COHESIVE SOILS:**
- No overlap required on side seams
 - Use 6" staple length
- NON-COHESIVE SOILS:**
- Use 6" side seam overlap
 - Use 8" staple length
 - Use 6" anchor trench at top of slope

A SLOPES Up to 1.5H:1V

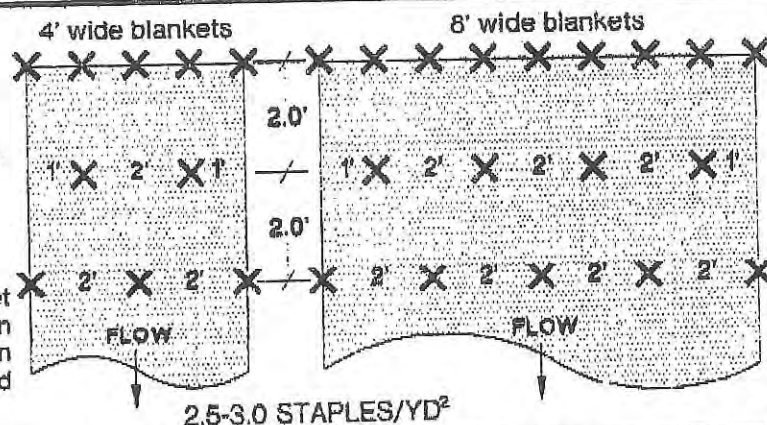
- Install the blanket vertically or horizontally.
- Use 12" staple spacing on starter row.



- COHESIVE SOILS:**
- Use 6" side seam overlap
 - Use 6" staple length
- NON-COHESIVE SOILS:**
- Use 6" transverse anchor trench at 100-ft. intervals

B CHANNELS

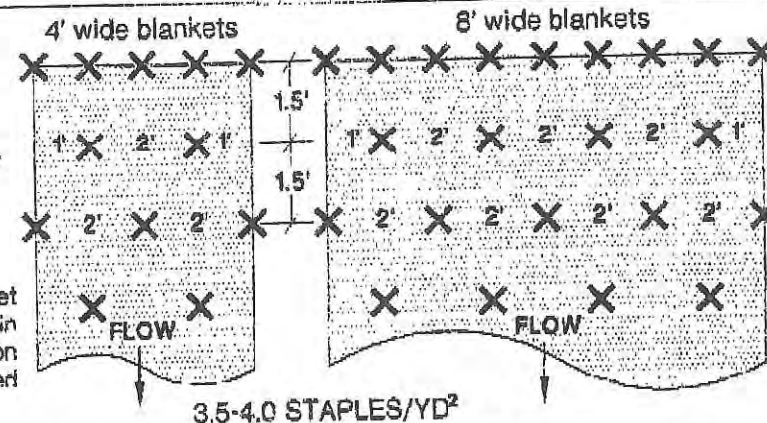
- Use 12" staple spacing on starter row.
- Upstream blanket should overlap downstream blanket a distance of 12" in a "shingle" fashion and bury the finished toe at least 6".



- NON-COHESIVE SOILS:**
- Use 6" side seam overlap
 - Use 8" staple length
 - Use 6" transverse anchor trench at 50-ft. intervals

C CHANNELS

- Use 12" staple spacing on starter row.
- Upstream blanket should overlap downstream blanket a distance of 12" in a "shingle" fashion and bury the finished toe at least 6".



D = 6x1x6 11 ga. wire E = 8x2x8 11 ga. wire F = 2" G = 6" H = Start 3' over grade break I = Start 3' over grade break & trench

Hi-Velocity Curlex® Blankets

Stapling Instructions for AMXCO Hi-Velocity Curlex® Blankets

Use wire staples, 11 gauge in diameter or greater, "U" shaped with legs 8" long or longer and 1" to 2" crown. Size and gauge of staples used will vary with soil types. Use four staples across at the start of each roll and continue to staple along the length of the roll at 2 ft. intervals. When blankets are placed along side each other, staple so as to catch the edge of each roll. In addition to stapling the edges of the blanket at appropriate intervals (see drawing), place staples in the center of the blanket halfway between the outer staples.

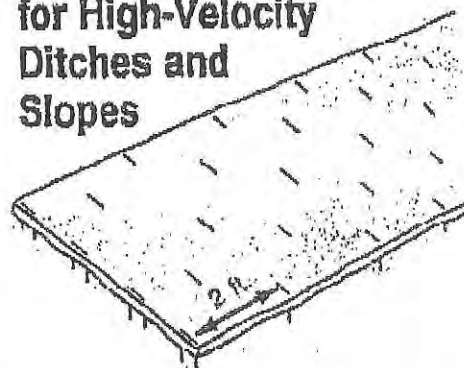
Hi-Velocity Curlex® Blankets

are recommended for the following water velocities:

| Soil Types | Velocity/Feet Per Second |
|--|-----------------------------|
| Clay, Clay Loam, Silt Clay..... | 11 FPS |
| Clay, Silty Clay, Sandy Clay Loam | 9.8 FPS |
| Fine Sandy Loam, Silty Loam..... | 8.6 FPS |

These figures are based on ditch lining at over 3% grade up to 13%. On slope protection, the determining factor would be the grade of the slope, berms above and sheeting effect of water velocity.

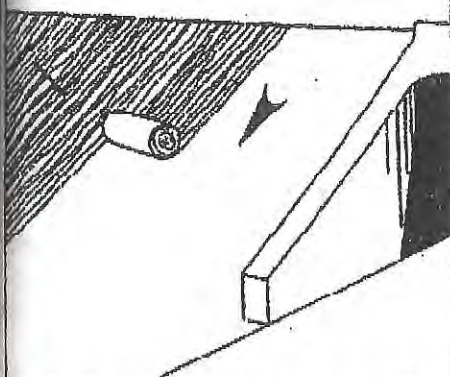
Typical Stapling Pattern for High-Velocity Ditches and Slopes



Use 4 staples across at the start of each roll and continue to staple throughout the length of the roll at 2 ft. intervals.

Overlap adjacent rolls 2" - 3" when used on horizontal installation. End and beginning of rolls overlap 6" minimum.

SLOPES

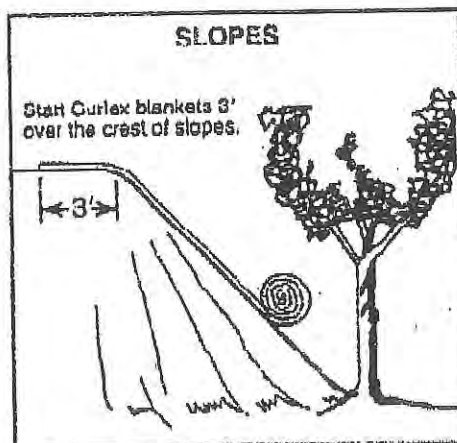


Curlex® Blankets can be installed horizontally or vertically on slopes. Grade and length of slope determine the easiest method.

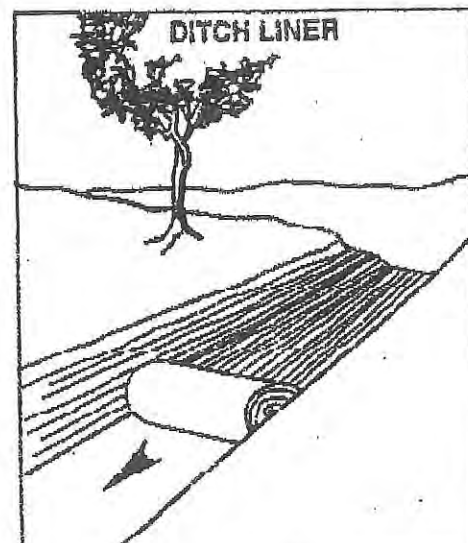
Overlapping, check slots, and anchor ditches are not required. Butt the edges together on adjoining blankets.

SLOPES

Start Curlex blankets 3' over the crest of slopes.



DITCH LINER



Unroll blanket in the direction of water flow. When using two or more blankets side by side in ditch, do not put the seam (edge of adjoining blanket) in the center of the water flow. Offset 6 inches to 1 foot. Bury upstream end 6 inches.



American Excelsior Company

AN EMPLOYEE OWNED COMPANY

906 Ave. H East / P.O. Box 5624 / Arlington, TX 76011-7788 / (817) 640-2161 / FAX (817) 649-5714 / 1 (800) 777-2691

Rev. 4/10/94

TOTAL P.007

LANDLOK® TRM 450 Turf Reinforcement Mat

LANDLOK TRM 450 is manufactured at one of Synthetic Industries' facilities that has achieved ISO-9002 certification for its systematic approach to quality. LANDLOK TRM 450 turf reinforcement mat consists of a dense web of green polypropylene fibers positioned between two biaxially oriented nets and mechanically bound together by parallel stitching with polypropylene thread. The matrix possesses strength and elongation properties to limit stretching in a saturated condition. Every component of the matrix is stabilized against ultraviolet degradation and inert to chemicals normally found in a natural soil environment. After a 24 hour saturation period, LANDLOK TRM 450 conforms to the property values listed below¹, which have been derived from quality control testing performed by one of Synthetic Industries' GAI-LAP accredited laboratories:

| PROPERTY | TEST METHOD | ENGLISH VALUES ² | |
|-----------------------------------|---------------------------|-----------------------------|-------------------------|
| | | MARV | TYPICAL |
| <u>Mechanical</u> | | | |
| Tensile Strength | ASTM D5035 ³ | 170 x 125 lb/ft | 250 x 180 lb/ft |
| Tensile Elongation | ASTM D5035 ³ | 50% (max) | 25% |
| Tensile Strength @ 10% Elongation | ASTM D5035 ³ | n/a | 105 x 90 lb/ft |
| <u>Endurance</u> | | | |
| UV Resistance @ 1000 hrs | ASTM D4355 | 80% | 90% |
| <u>Physical</u> | | | |
| Mass Per Unit Area | ASTM D5261 | 10.0 oz/yd ² | 10.5 oz/yd ² |
| Thickness | ASTM D1777 | 0.50 in | 0.60 in |
| Resiliency ⁴ | ASTM D1777 | 80% | 90% |
| Moisture Absorption | ASTM D570 | 0.01% (max) | 0.01% (max) |
| Porosity ⁵ | Calculated | 95% | 95% |
| Ground Cover Factor ⁶ | Light Projection Analysis | 74% | 85% |
| <u>Performance</u> | | | |
| Velocity ⁷ | --- | --- | 10 ft/sec |
| Shear Stress ⁷ | --- | --- | 4 lb/ft ² |

ROLL SIZES: 6.5 ft x 138.5 ft = 100 yd² (70 lbs)

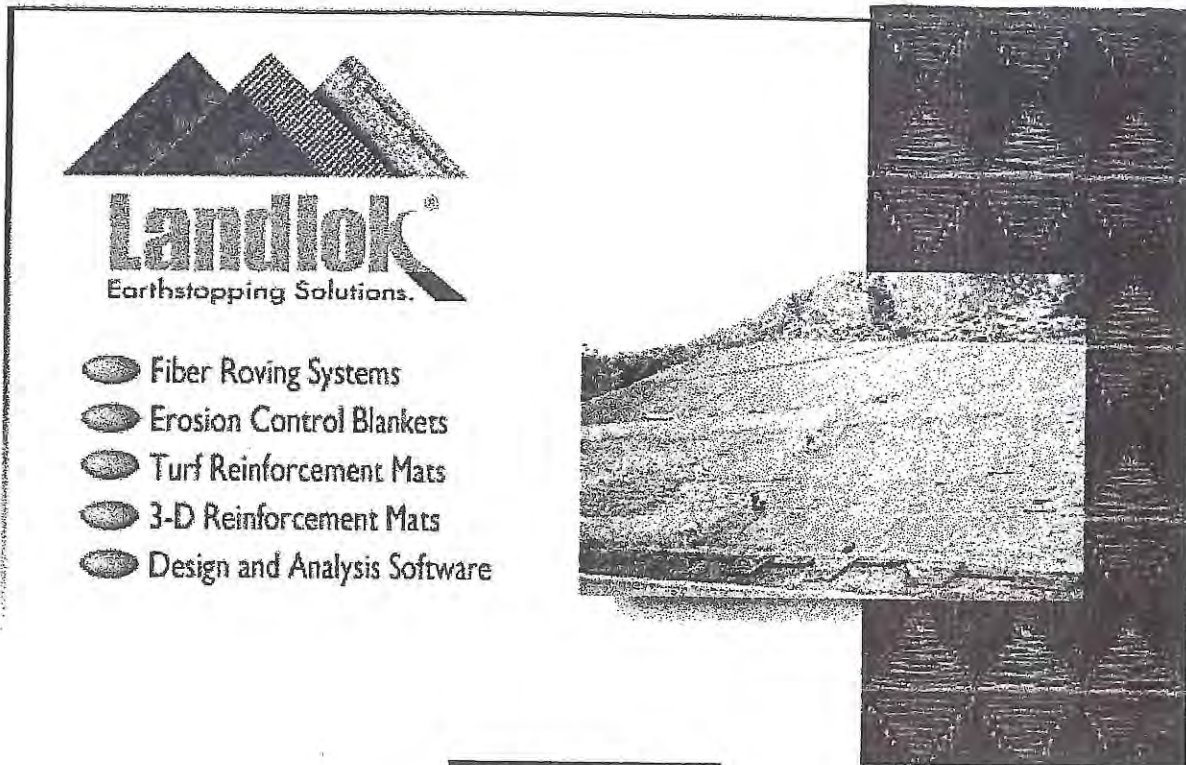
SPECIAL ROLL SIZES: 3.25 ft x 138.5 ft = 50 yd² (40 lbs)
9.75 ft x 138.5 ft = 150 yd² (100 lbs)
13.0 ft x 138.5 ft = 200 yd² (135 lbs)

NOTES:

- ¹ The property values listed above are effective 12/3/96 and are subject to change without notice.
- ² Values for machine and cross-machine, respectively, under dry or saturated conditions. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Typical indicates mean or average of all test data.
- ³ Formerly test method ASTM D1682.
- ⁴ Resiliency defined as percent of original thickness retained after 3 cycles of a 100 psi load for 60 seconds followed by 60 seconds without load...thickness measured 30 measured after load removed by ASTM D1777.
- ⁵ Porosity calculation based upon mass per unit area, thickness, and specific gravity.
- ⁶ Ground Cover Factor represents "% shade" from Lumite Light Projection Test.
- ⁷ Maximum permissible design values listed are based on long-term (50 hrs), vegetated data obtained at an independent hydraulics testing facility. Additional values available upon request.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT FURNISHED HEREUNDER OTHER THAN AT THE TIME OF DELIVERY IT SHALL BE OF THE QUALITY AND SPECIFICATION STATED HEREIN. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY EXCLUDED, AND, TO THE EXTENT THAT IT IS CONTRARY TO THE FOREGOING SENTENCE, ANY IMPLIED WARRANTY OF MERCHANTABILITY IS EXPRESSLY EXCLUDED. ANY RECOMMENDATIONS MADE BY SELLER CONCERNING THE USES OR APPLICATIONS OF SAID PRODUCT ARE BELIEVED RELIABLE AND SELLER MAKES NO WARRANTY OF RESULTS TO BE OBTAINED. IF THE PRODUCT DOES NOT MEET SYNTHETIC INDUSTRIES CURRENT PUBLISHED SPECIFICATIONS, AND THE CUSTOMER GIVES NOTICE TO SYNTHETIC INDUSTRIES BEFORE INSTALLING THE PRODUCT, THEN SYNTHETIC INDUSTRIES WILL REPLACE THE PRODUCT WITHOUT CHARGE OR REFUND THE PURCHASE PRICE.

Synthetic Industries, Inc.
4019 Industry Drive • Chattanooga, Tennessee • 37416 • USA
Telephone • 423-899-0444 • Fax • 423-899-7619 • 1-800-621-0444



SEARCH

General Description

Our LANDLOK® system of erosion control products combines technology with nature to provide a wide range of hydraulic and mechanical properties while promoting revegetation. Our temporary erosion control products hold seed and soil in place before degrading once vegetation is established. And our permanent erosion control products provide life-long solutions.

Temporary Erosion Control

Fiber Roving Systems (FRS)

LANDLOK® fibers are an "environmentally friendly" polypropylene Fiber Roving System (ECB) designed to protect newly seeded areas from erosion under moderate flow conditions and promote rapid vegetation establishment. Extensive three dimensional overlapping of LANDLOK® fibers provide protection from rainfall impact and runoff, preserve soil moisture and provide beneficial shading and temperature moderation to foster plant development.

Erosion Control Blankets (ECB)

LANDLOK® degradable erosion control blankets are flexible products designed to hold seeds and soil in place until vegetation is established. The natural looking high strength polypropylene mesh protects the soil surface from water and wind erosion while offering partial shading and heat storage to accelerate vegetative development.

Permanent Erosion Control

Turf Reinforcement Mats (TRM)

OK Erosion Control Products

LANDLOK® three-dimensional turf reinforcement mats are designed to provide balanced performance over time. Composed of UV-stabilized, non-biodegradable, polyolefin fibers mechanically bound between two high-strength, biaxially oriented nets, LANDLOK® erosion mats are ideal for high flow/velocity applications such as drainage channels and steep slopes. The benefits include: excellent temporary erosion protection, rapid and uninhibited vegetative growth and permanent resistance to elevated hydraulic forces.

Pyramat® Erosion Matrix

A three-dimensional textile matrix, PYRAMAT® is designed for maximum strength, durability and performance in demanding biotechnical erosion control applications.

Composed of UV-stabilized monofilament yarns woven into dimensionally stable pyramid-like openings for maximum soil filling and retention, PYRAMAT® erosion matrix stabilizes soils and reinforces vegetation to replace hard armor systems. Rugged construction, durability and functional longevity separate this high-survivability material from turf reinforcement mats.

Design & Analysis Software

Using EC-DESIGN®, a user can calculate and select most appropriate product for a variety of channel and slope erosion control applications. The calculations follow state-of-the-practice Federal Highway Administration (FHWA) procedures including maximum velocity and shear stress analyses, integration of compound channels, soil loss estimations and pull-down window screens. Once the most appropriate product is selected, the results, specifications and CAD drawings are printed or can be saved on a disk.



[Top of Page](#) | [Geosynthetics Home Page](#) | [Corporate Home Page](#) | [Fibermesh Home Page](#) | [Response Form](#)

Contact us:

Phone: (800) FIX-SOIL (423) 899-0444
FAX: (423) 899-7619

Synthetic Industries, Inc.
4019 Industry Drive
Chattanooga, TN 37416 USA

© 1997 Synthetic Industries, Inc.

APPENDIX B

DREDGE SPOIL AREA RFICS PHASE 1 REPORT, SEPTEMBER 13, 1999

DREDGE SPOIL AREA RFI/CS PHASE 1 REPORT
Snow and Choccolocco Creeks
Calhoun and Talladega Counties, Alabama

Solutia Inc. – Anniston Facility
USEPA I.D. No. ALD 004 019 048

September 13, 1999

Prepared for:

SOLUTIA INC.
300 Birmingham Highway
Anniston, Alabama 36201

Prepared by:

ROUX ASSOCIATES, INC.
1110 NASA Road One, Suite 207
Houston, Texas 77058

CONTENTS

| | |
|---|---|
| 1.0 INTRODUCTION | 1 |
| 2.0 SAMPLING STRATEGY, METHODS, AND SAMPLE ANALYSIS | 2 |
| 2.1 Sampling Strategy | 2 |
| 2.2 Sampling Methods..... | 3 |
| 2.3 Sample Analysis..... | 4 |
| 3.0 RESULTS..... | 5 |
| 3.1 Snow Creek..... | 5 |
| 3.2 Choccolocco Creek..... | 5 |
| 3.3 Quality Control / Quality Assurance Procedures / Data Validation..... | 6 |

TABLES

1. Dredge Spoil Area Sample Information
2. Sample Locations and Depths
3. Soil Analyses

FIGURES

1. Site Location Map
2. Locations of Dredge Spoil Areas
3. Snow Creek Area 1 Sampling Locations
4. Snow Creek Area 3 Sampling Locations
5. Snow Creek Area 4 Sampling Locations
6. Snow Creek Area 5 Sampling Locations
7. Snow Creek Area 6 Sampling Locations
8. Snow Creek Area 7 Sampling Locations
9. Snow Creek Area 8 Sampling Locations

CONTENTS (continued)

- 10. Choccolocco Creek Area 7 Sampling Locations
- 11. Choccolocco Creek Area 9 Sampling Locations
- 12. Choccolocco Creek Area 23 Sampling Locations
- 13. Choccolocco Creek Area 24 Sampling Locations
- 14. Choccolocco Creek Area 26 Sampling Locations
- 15. Choccolocco Creek Area 29 Sampling Locations

APPENDICES

- A. Revised Dredge Spoil Area RFI/CS Work Plan
- B. Laboratory Data
- C. Data Validation Calculations

1.0 INTRODUCTION

Roux Associates, Inc. has prepared this report documenting the initial phase of sampling of the dredge spoil areas along Snow and Choccolocco Creeks in Calhoun and Talladega Counties (Figure 1), Alabama for Solutia Inc. (Solutia), as requested by the Alabama Department of Environmental Management (ADEM). Locations and physical evaluations of 27 known or suspected dredge spoil areas were included in the *Dredge Spoil Area Evaluation Report* submitted to ADEM in October 1998 (Table 1). The purpose of the initial phase of sampling the dredge spoil areas was to evaluate those dredge spoil areas that are slated to be stabilized, those located within 25 feet of the creek bank, and those that are scheduled to be removed in conjunction with an erosion control program to be implemented by the City of Anniston, Alabama. The following dredge spoil areas were sampled: Snow Creek Areas 1, 3, 4, 5, 6, 7, and 8; and Choccolocco Creek Areas 7, 9, 23, 24, 26, and 29 (Figure 2). The remaining 14 dredge spoil areas will be sampled in conjunction with the pending RFI/CS floodplain evaluation program.

The *Dredge Spoil Area RFI/CS Work Plan* for this sampling was submitted to ADEM in correspondence dated May 21, 1999. In correspondence dated July 23, 1999, ADEM approved the Work Plan subject to the additional requirement that dredge spoil areas to be removed in conjunction with the City of Anniston's erosion control program (Snow Creek Areas 4, 5, and 6) be sampled and analyzed. A revised Work Plan adding this requirement is provided in Appendix A. The revised Work Plan also adds Choccolocco Creek Area 29 to the Phase 1 sampling program. This area is located within 25 feet of the creek bank and was inadvertently left out of the initial Work Plan.

2.0 SAMPLING STRATEGY, METHODS, AND SAMPLE ANALYSIS

2.1 Sampling Strategy

A 50-foot by 50-foot grid was used to determine the number of samples to be collected from each area as described in the *Dredge Spoil Area RFI/CS Work Plan*. A 50-foot grid spacing was selected to provide representative samples from dredge spoil areas which vary widely in size. Each area was approximated as a rectangle. The maximum length and width of the areas were used as the length and width of the rectangle. The maximum number of samples for each area was defined as the number of squares of the grid that fell within the rectangle. The squares of the grid represent the boundaries for composite sampling. Each grid sample was a composite sample consisting of five (5) aliquots of sediment collected at randomly selected locations and depths within the composite boundaries. The number of samples taken for each area is indicated on Table 1.

The sampling strategy described above was followed with the following exceptions. As noted in the *Dredge Spoil Area RFI/CS Work Plan*, Snow Creek Areas 1, 3, and 7 and Choccolocco Creek Areas 7 and 29 are too small to fit within the grid spacing selected. One (1) composite sample consisting of five (5) aliquots each was taken from Snow Creek Areas 1 and 3. Snow Creek Areas 7 and 8 are both heavily wooded and accessibility is limited. A field decision was made to take 9 and 11 grab samples (instead of composite samples), respectively, from these areas at a spacing of 50 feet. Two (2) composite samples were taken from Choccolocco Creek Area 7, and four (4) composite samples were taken from Choccolocco Creek Area 29.

Snow Creek Areas 4, 5, and 6 were handled differently than the other dredge spoil areas because they are scheduled to be removed by the City of Anniston. Two (2) composite samples of five (5) aliquots each were taken from each of these areas for waste characterization purposes.

The dimensions of some of the dredge spoil areas appeared to be smaller than indicated in the *Dredge Spoil Area Evaluation Report*. The areas on Choccolocco Creek were

sampled within boundaries indicated by Natural Resource Conservation Service (NRCS) personnel that were on site during sampling. Based on this information, 11 samples were taken from Choccolocco Creek Area 24 instead of 15 as per the Work Plan. Two samples from Choccolocco Creek Area 24 were taken from 50 foot by 70 foot areas to include more of the known spoil area. Areas on Snow Creek were sampled within obvious fill boundaries. Aliquot and grab sample locations for each area are indicated on Figures 3 through 15.

2.2 Sampling Methods

Samples were collected during the period June 14 through June 18, 1999 by personnel from Roux Associates, Inc. and H.G.S., Inc. NRCS personnel accompanied the sampling team during sampling of Choccolocco Creek areas to facilitate identification of dredge spoil area boundaries. All sampling was conducted according to methods described in the Off-Site RFI/CS Work Plan (March 1999) with the following exception. Due to the difficulty in using a hand auger in the fill material in the dredge spoil areas, a field decision was made to use post-hole diggers instead of a hand auger. As a result, the maximum depth that samples were collected ranged from 15 inches to 36 inches depending on the hardness of the fill material in each area. The depths of each aliquot for each composite sample and the depths of each grab sample for Snow Creek Areas 7 and 8 are presented in Table 2.

All sampling devices were decontaminated between uses using a deionized (DI) water rinse, followed by a wash with Alconox[®] detergent and a final rinse with DI water. The samples were placed in glass jars, labeled and placed on ice in sample coolers, and maintained on ice until the end of the sampling period. Samples were subsequently shipped via Federal Express under chain-of-custody (COC) documentation to the laboratory. Each sampler used disposable gloves and changed gloves after each sample.

2.3 Sample Analysis

All composited samples, duplicates, and blanks were analyzed for PCBs by USEPA Method SW846 8082. In addition, one composite sample from each dredge spoil area, with the exception of Snow Creek Areas 4, 5, and 6 was analyzed for total mercury by USEPA Method SW846 6010B. Grab samples were collected from Snow Creek Areas 7 and 8 for total mercury analysis. The initial grab samples collected from Snow Creek Area 8 were submitted for PCB analysis only. As a result, an additional grab sample was collected from this area on August 17, 1999 for analysis of total mercury. All analyses were performed as presented in the Off-Site RFI/CS Work Plan. All data collection, management, review, validation and verification procedures included in the Off-Site RFI/CS Work Plan were followed. All analyses were performed by Savannah Laboratories and Environmental Services, Inc. of Savannah, Georgia.

3.0 RESULTS

Analytical results for the dredge spoil area sampling are presented in Table 3. Each area is discussed separately below. Laboratory data and chain of custody forms are provided as Appendix B.

3.1 Snow Creek

Seven (7) dredge spoil areas near or adjacent to Snow Creek were sampled. The composited sample from Snow Creek Area 1 (SC-1) was found to have a total PCB concentration of 19.6 milligrams/kilogram (mg/kg). The sample from Snow Creek Area 3 (SC-3) was found to have a total PCB concentration of 24.9 mg/kg.

Two (2) composited samples each were taken from Snow Creek Areas 4 through 6 (SC-4, SC-5, and SC-6). Concentrations of total PCBs for SC-4 were 13.8 and 17.4 mg/kg. Concentrations of total PCBs for SC-5 were 14.2 and 88.0 mg/kg. Concentrations of total PCBs for SC-6 were 19.9 and 30.3 mg/kg.

Nine (9) grab samples were taken from Snow Creek Area 7 (SC-7). The concentrations of total PCBs for these samples ranged from 0.5 to 19.0 mg/kg. Eleven grab samples were taken from Snow Creek Area 8 (SC-8). The concentrations of total PCBs for these samples ranged from 0.8 to 46.0 mg/kg.

Analysis for mercury was performed for areas SC-1, SC-3, SC-7, and SC-8. Mercury concentrations ranged from 0.19 to 0.27 mg/kg for these areas.

3.2 Choccolocco Creek

Two (2) composited samples each were taken from Choccolocco Creek Areas 7 and 9 (CC-7 and CC-9). Concentrations of total PCBs for CC-7 were 2.4 and 1.4 mg/kg. Concentrations of total PCBs for CC-9 were 0.4 and 0.3 mg/kg.

Six (6) composited samples were taken from Choccolocco Creek Area 23 (CC-23). The concentrations of total PCBs for these samples ranged from 2.0 to 10.8 mg/kg. Eleven composited samples were taken from Choccolocco Creek Area 24 (CC-24). The concentrations of total PCBs for these samples ranged from 1.2 to 8.9 mg/kg.

Two (2) composited samples were taken from Choccolocco Creek Area 26 (CC-26). The concentrations of total PCBs for these samples were 3.9 and 1.6 mg/kg. Four (4) composited samples were taken from Choccolocco Creek Area 29 (CC-29). The concentrations of total PCBs for these samples ranged from 2.0 to 4.6 mg/kg.

Analysis for mercury was performed for areas CC-7, CC-9, CC-23, CC-24, CC-26, and CC-29. Mercury concentrations ranged from 0.65 to 3.9 mg/kg for these areas.

3.3 Quality Control / Quality Assurance Procedures / Data Validation

Quality control/quality assurance (QA/QC) measures used in this investigation included the collection of duplicate samples, the collection of equipment blank samples and the use of trip blanks.

Selected samples were split in the field as duplicate samples and labeled as if they were a discrete sample. Duplicate samples were analyzed for PCBs only. Laboratory precision was calculated as relative percent deviation (RPD). Data were qualified as quantitative, qualitative, or unusable depending on the RPD. Quantitative data yielded RPD values of less than 60 per cent (%), qualitative data yielded RPD values of 60% to 100% and unusable data yielded RPD values over 100%. RPDs were calculated using the following formula:

$$RPD = \frac{(X - Y) \times 100\%}{(X + Y)(0.5)}$$

Where:

X = Primary sample concentration

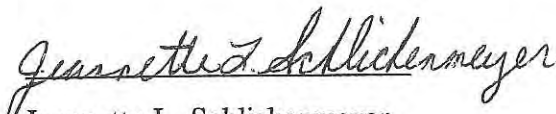
Y = Duplicate sample concentration

The duplicate samples were collected at those dredge spoil areas identified as Snow Creek Area 8 (SC-8-2 and duplicate SC-8-20), Choccolocco Creek Area 9 (9-2 and duplicate 9-20) and Choccolocco Creek Area 24 (24-2 and duplicate 24-20). Only those PCBs with concentrations above laboratory detection limits were compared. All data qualified as quantitative, with the exception of Arochlor 1248 analyses from the Choccolocco Creek Area samples 24-2 and duplicate 24-20. These data qualified as qualitative. Calculations are provided as Appendix B.

All holding times were met by Savannah Laboratories and Environmental Services, Inc. All equipment and trip blanks were non-detect for all Arochlors. All recoveries were in acceptable percentages for internal laboratory QA/QC.

Respectfully submitted,

ROUX ASSOCIATES, INC.


Jeannette L. Schlichenmeyer

Staff Geologist


Mark N. Smith

Mark N. Smith

Senior Hydrogeologist

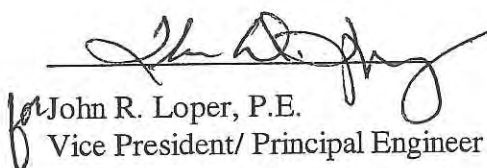

for John R. Loper, P.E.
Vice President/ Principal Engineer

Table 1. Sample Information, for Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 1 of 1

| Dredge Spoil Area | Location Lat. (° N) / Long. (° W) | Distance From Bank (ft) | Height/Depth (H/D) (ft) | Area (length x width) (ft x ft) | Number of Samples Taken* |
|-------------------|---|-------------------------------|----------------------------|---------------------------------------|--------------------------------|
| | | | | | |
| Snow Creek | | | | | |
| Area 1 | 33° 39' 17.9800" / 85° 50' 13.1877" | 26.6 | H ~ 6 | 57 x 30 | 1 |
| Area 3 | 33° 39' 14.1785" / 85° 50' 14.2223" | 0 | H = 7 | 40 x 13 | 1 |
| Area 4 | 33° 39' 8.3975" / 85° 50' 13.6812" | 0 | H = 5 | 34 x 15 | 2 |
| Area 5 | 33° 39' 8.2186" / 85° 50' 13.2113" | 0 | H = 5 | 33 x 15 | 2 |
| Area 6 | 33° 39' 8.1003" / 85° 50' 12.8329" | 0 | H = 5 | 15 x 15 | 2 |
| Area 7 | 33° 37' 24.7975" / 85° 49' 46.9691" | 0 | H = 3 | 450 x 40 | 9 ^G |
| Area 8 | 33° 37' 24.8565" / 85° 49' 46.3722" | 0 | H = 3 | 550 x 80 | 11 ^G |
| | | | | | |
| Choccolocco Creek | | | | | |
| Area 7 | 33° 34' 39.1138" / 85° 54' 07.6704" | 500 | D = 4 | 160 x 20 | 2 |
| Area 9 | 33° 34' 39.5886" / 85° 54' 07.1254" | 0 | D = 0 to 7 | 100 x 75 | 2 |
| Area 23 | 33° 35' 01.6099" / 85° 51' 09.9273" | 20 | D = 3 | 185 x 100 | 6 |
| Area 24 | 33° 35' 02.0814" / 85° 50' 54.9943" | ~5 (next to flood berm) | H ~10 | 280 x 165 | 11 |
| Area 26 | 33° 35' 11.6729" / 85° 50' 32.8112" | ~ 40 | D = 5 to 6 | 140 x 60 | 2 |
| Area 29 | 33° 35' 37.2064" / 85° 49' 48.6254" | 10 | D = 4 to 5 | 215 x 55 | 4 |

* All samples were composite samples of 5 aliquots unless indicated otherwise.

^G Indicates sample was a grab sample.

Table 2. Sample Locations and Depths (inches), Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL.
Page 1 of 4

| | | | | | | | | | | |
|---------------------------------|---------|----------|----------|----------|----------|----------|--------|--------|--------|------------------------|
| <u>Dredge Spoil Area</u> | | | | | | | | | | |
| Snow Creek 1 (SC-1) | Aliquot | SC-1-1-1 | SC-1-1-2 | SC-1-1-3 | SC-1-1-4 | SC-1-1-5 | | | | |
| | Depth | 10 | 27 | 36 | 18 | 30 | | | | |
| Snow Creek 3 (SC-3) | Aliquot | SC-3-1-1 | SC-3-1-2 | SC-3-1-3 | SC-3-1-4 | SC-3-1-5 | | | | |
| | Depth | 30 | 24 | 18 | 15 | 18 | | | | |
| Snow Creek 4 (SC-4) | Aliquot | SC-4-1-1 | SC-4-1-2 | SC-4-1-3 | SC-4-1-4 | SC-4-1-5 | | | | |
| | Depth | 27 | 24 | 30 | 24 | 18 | | | | |
| | Aliquot | SC-4-2-1 | SC-4-2-2 | SC-4-2-3 | SC-4-2-4 | SC-4-2-5 | | | | |
| | Depth | 24 | 18 | 15 | 21 | 33 | | | | |
| Snow Creek 5 (SC-5) | Aliquot | SC-5-1-1 | SC-5-1-2 | SC-5-1-3 | SC-5-1-4 | SC-5-1-5 | | | | |
| | Depth | 33 | 30 | 27 | 15 | 15 | | | | |
| | Aliquot | SC-5-2-1 | SC-5-2-2 | SC-5-2-3 | SC-5-2-4 | SC-5-2-5 | | | | |
| | Depth | 24 | 30 | 33 | 15 | 15 | | | | |
| Snow Creek 6 (SC-6) | Aliquot | SC-6-1-1 | SC-6-1-2 | SC-6-1-3 | SC-6-1-4 | SC-6-1-5 | | | | |
| | Depth | 24 | 18 | 12 | 18 | 15 | | | | |
| | Aliquot | SC-6-2-1 | SC-6-2-2 | SC-6-2-3 | SC-6-2-4 | SC-6-2-5 | | | | |
| | Depth | 30 | 24 | 12 | 12 | 15 | | | | |
| Snow Creek 7 (SC-7) | Aliquot | SC-7-1 | SC-7-2 | SC-7-3 | SC-7-4 | SC-7-5 | SC-7-6 | SC-7-7 | SC-7-8 | SC-7-9 |
| | Depth | 20 | 18 | 6-30 | 20 | 24 | 15 | 27 | 18 | 24 |
| Snow Creek 8 (SC-8) | Aliquot | SC-8-1 | SC-8-2 | SC-8-3 | SC-8-4 | SC-8-5 | SC-8-6 | SC-8-7 | SC-8-8 | SC-8-9 SC-8-10 SC-8-11 |
| | Depth | 9 | 24 | 20 | 9 | 10 | 8 | 6-30 | 10 | 6-30 21 28 |

(mercury sample for SC-8-1 taken at a depth of 12 inches)

Table 2. Sample Locations and Depths (inches), Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL.

Page 2 of 4

| Dredge Spoil Area | | CC-7-1-1 | | CC-7-1-2 | CC-7-1-3 | CC-7-1-4 | CC-7-1-5 |
|--------------------------------|---------|----------|----|----------|----------|----------|----------|
| Chocolocco Creek 7 (CC-7) | Aliquot | 12 | 24 | 15 | 10 | 27 | |
| | Depth | | | | | | |
| Chocolocco Creek 9 (CC-9) | Aliquot | 20 | 12 | 6 | 24 | 8 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 22 | 24 | 6 | 12 | 12 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 10 | 18 | 20 | 24 | 16 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 12 | 12 | 18 | 10 | 12 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 12 | 14 | 18 | 18 | 15 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 24 | 6 | 12 | 18 | 6-24 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 18 | 8 | 12 | 24 | 6-24 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 24 | 15 | 20 | 15 | 24 | |
| | Depth | | | | | | |
| Chocolocco Creek 23 (CC-23) | Aliquot | 12 | 15 | 12 | 15 | 18 | |
| | Depth | | | | | | |

Table 2. Sample Locations and Depths (inches), Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talladega Counties, AL.
Page 3 of 4

| | | | | | | | | | | | |
|---------------------------------|---------|------------|------------|------------|------------|------------|--|--|--|--|--|
| <u>Dredge Spoil Area</u> | | | | | | | | | | | |
| Choccolocco Creek 24 (CC-24) | Aliquot | CC-24-1-1 | CC-24-1-2 | CC-24-1-3 | CC-24-1-4 | CC-24-1-5 | | | | | |
| | Depth | 5 | 12 | 15 | 18 | 24 | | | | | |
| | Aliquot | CC-24-2-1 | CC-24-2-2 | CC-24-2-3 | CC-24-2-4 | CC-24-2-5 | | | | | |
| | Depth | 8 | 18 | 24 | 12 | 6 | | | | | |
| | Aliquot | CC-24-3-1 | CC-24-3-2 | CC-24-3-3 | CC-24-3-4 | CC-24-3-5 | | | | | |
| | Depth | 18 | 24 | 12 | 30 | 8 | | | | | |
| | Aliquot | CC-24-4-1 | CC-24-4-2 | CC-24-4-3 | CC-24-4-4 | CC-24-4-5 | | | | | |
| | Depth | 8 | 12 | 18 | 15 | 6 | | | | | |
| | Aliquot | CC-24-5-1 | CC-24-5-2 | CC-24-5-3 | CC-24-5-4 | CC-24-5-5 | | | | | |
| | Depth | 24 | 24 | 8 | 12 | 8 | | | | | |
| | Aliquot | CC-24-6-1 | CC-24-6-2 | CC-24-6-3 | CC-24-6-4 | CC-24-6-5 | | | | | |
| | Depth | 6 | 15 | 12 | 15 | 8 | | | | | |
| | Aliquot | CC-24-7-1 | CC-24-7-2 | CC-24-7-3 | CC-24-7-4 | CC-24-7-5 | | | | | |
| | Depth | 10 | 24 | 12 | 6 | 4 | | | | | |
| | Aliquot | CC-24-8-1 | CC-24-8-2 | CC-24-8-3 | CC-24-8-4 | CC-24-8-5 | | | | | |
| | Depth | 24 | 6 | 6 | 12 | 12 | | | | | |
| | Aliquot | CC-24-9-1 | CC-24-9-2 | CC-24-9-3 | CC-24-9-4 | CC-24-9-5 | | | | | |
| | Depth | 8 | 18 | 15 | 15 | 12 | | | | | |
| | Aliquot | CC-24-10-1 | CC-24-10-2 | CC-24-10-3 | CC-24-10-4 | CC-24-10-5 | | | | | |
| | Depth | 12 | 8 | 12 | 15 | 6 | | | | | |

Table 2. Sample Locations and Depths (inches), Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL.
Page 4 of 4

Dredge Spoil Area

| | | | | | | |
|---------------------------------|---------|------------|------------|------------|------------|------------|
| Choccolocco Creek 24 (CC-24) | Aliquot | CC-24-11-1 | CC-24-11-2 | CC-24-11-3 | CC-24-11-4 | CC-24-11-5 |
| | Depth | 12 | 10 | 16 | 12 | 8 |
| Choccolocco Creek 26 (CC-26) | Aliquot | CC-26-1-1 | CC-26-1-2 | CC-26-1-3 | CC-26-1-4 | CC-26-1-5 |
| | Depth | 15 | 18 | 18 | 12 | 24 |
| | Aliquot | CC-26-2-1 | CC-26-2-2 | CC-26-2-3 | CC-26-2-4 | CC-26-2-5 |
| | Depth | 30 | 27 | 24 | 6 | 18 |
| Choccolocco Creek 29 (CC-29) | Aliquot | CC-29-1-1 | CC-29-1-2 | CC-29-1-3 | CC-29-1-4 | CC-29-1-5 |
| | Depth | 24 | 30 | 24 | 12 | 8 |
| | Aliquot | CC-29-2-1 | CC-29-2-2 | CC-29-2-3 | CC-29-2-4 | CC-29-2-5 |
| | Depth | 24 | 18 | 12 | 24 | 18 |
| | Aliquot | CC-29-3-1 | CC-29-3-2 | CC-29-3-3 | CC-29-3-4 | CC-29-3-5 |
| | Depth | 30 | 20 | 12 | 15 | 18 |
| | Aliquot | CC-29-4-1 | CC-29-4-2 | CC-29-4-3 | CC-29-4-4 | CC-29-4-5 |
| | Depth | 6 | 24 | 15 | 15 | 18 |

Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 1 of 3

| Area | Sample I.D. | Arochlor 1016 (mg/Kg) | Arochlor 1221 (mg/Kg) | Arochlor 1232 (mg/Kg) | Arochlor 1242 (mg/Kg) | Arochlor 1248 (mg/Kg) | Arochlor 1254 (mg/Kg) | Arochlor 1260 (mg/Kg) | Total PCBs (mg/Kg) | Mercury (mg/Kg) |
|-------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| <u>Snow Creek</u> | | | | | | | | | | |
| SC-1 | SC-1 | <0.700 | <1.400 | <0.700 | <0.700 | 2.200 | 12.000 | 5.400 | 19.600 | 0.25 |
| SC-3 | SC-3 | <0.720 | <1.400 | <0.720 | <0.720 | 3.300 | 15.000 | 6.600 | 24.900 | 0.20 |
| SC-4 | SC-4-1 | <0.350 | <0.710 | <0.350 | <0.350 | 2.300 | 7.700 | 3.800 | 13.800 | NA |
| | SC-4-2 | <0.700 | <1.400 | <0.700 | <0.700 | 2.300 | 9.700 | 5.400 | 17.400 | NA |
| SC-5 | SC-5-1 | <0.720 | <1.400 | <0.720 | <0.720 | <0.720 | 9.500 | 4.700 | 14.200 | NA |
| | SC-5-2 | <3.600 | <7.300 | <3.600 | <3.600 | 29.000 | 43.000 | 16.000 | 88.000 | NA |
| SC-6 | SC-6-1 | <0.720 | <1.400 | <0.720 | <0.720 | 2.900 | 12.000 | 5.000 | 19.900 | NA |
| | SC-6-2 | <3.800 | <7.600 | <3.800 | <3.800 | <3.800 | 21.000 | 9.300 | 30.300 | NA |
| SC-7 | SC-7-1 | <0.370 | <0.750 | <0.370 | <0.370 | <0.370 | 2.800 | 1.800 | 4.600 | NA |
| | SC-7-2 | <0.037 | <0.075 | <0.037 | <0.037 | 0.044 | 0.440 | 0.780 | 1.264 | NA |
| | SC-7-3 | <0.038 | <0.077 | <0.038 | <0.038 | 0.052 | 0.640 | 0.840 | 1.532 | NA |
| | SC-7-4 | <0.038 | <0.076 | <0.038 | <0.038 | 0.067 | 0.580 | 0.470 | 1.117 | 0.19 |
| | SC-7-5 | <0.037 | <0.075 | <0.037 | <0.037 | <0.037 | 0.240 | 0.280 | 0.520 | NA |
| | SC-7-6 | <0.370 | <0.750 | <0.370 | <0.370 | 0.980 | 1.800 | 2.500 | 5.280 | NA |
| | SC-7-7 | <0.180 | <0.370 | <0.180 | <0.180 | 0.340 | 0.580 | 0.760 | 1.680 | NA |
| | SC-7-8 | <0.072 | <0.150 | <0.072 | <0.072 | 0.270 | 0.600 | 0.630 | 1.500 | NA |
| | SC-7-9 | <1.800 | <3.700 | <1.800 | <1.800 | 4.700 | 7.900 | 6.400 | 19.000 | NA |
| SC-8 | SC-8-1 | <0.036 | <0.074 | <0.036 | <0.036 | 0.190 | 0.470 | 0.510 | 1.170 | 0.27 |
| | SC-8-2 | <1.800 | <3.600 | <1.800 | <1.800 | 6.200 | 13.000 | 9.500 | 28.700 | NA |
| | SC-8-3 | <0.076 | <0.150 | <0.076 | <0.076 | 0.340 | 1.000 | 0.860 | 2.200 | NA |
| | SC-8-4 | <0.038 | <0.077 | <0.038 | <0.038 | 0.140 | 0.290 | 0.320 | 0.750 | NA |
| | SC-8-5 | <0.073 | <0.150 | <0.073 | <0.073 | 0.530 | 1.100 | 1.000 | 2.630 | NA |
| | SC-8-6 | <0.380 | <0.760 | <0.380 | <0.380 | 1.500 | 3.100 | 2.200 | 6.800 | NA |
| | SC-8-7 | <0.750 | <1.500 | <0.750 | <0.750 | 3.200 | 5.700 | 5.100 | 14.000 | NA |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<X.XXX = laboratory detection limit

Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 2 of 3

| Area | Sample I.D. | Arochlor 1016 (mg/Kg) | Arochlor 1221 (mg/Kg) | Arochlor 1232 (mg/Kg) | Arochlor 1242 (mg/Kg) | Arochlor 1248 (mg/Kg) | Arochlor 1254 (mg/Kg) | Arochlor 1260 (mg/Kg) | Total PCBs (mg/Kg) | Mercury (mg/Kg) |
|-------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| Snow Creek | SC-8 | <0.380 | <0.760 | <0.380 | <0.380 | 1.100 | 2.300 | 2.000 | 5.400 | NA |
| | SC-8-9 | <0.370 | <0.750 | <0.370 | <0.370 | 2.000 | 3.600 | 4.300 | 9.900 | NA |
| | SC-8-10 | <1.900 | <3.800 | <1.900 | <1.900 | 8.400 | 16.000 | 9.800 | 34.200 | NA |
| | SC-8-11 | <1.900 | <3.800 | <1.900 | <1.900 | 7.000 | 25.000 | 14.000 | 46.000 | NA |
| | SC-8-20 | <1.800 | <3.700 | <1.800 | <1.800 | 6.000 | 12.000 | 9.100 | 27.100 | NA |
| Choccolocco Creek | | | | | | | | | | |
| CC-7 | 7-1 | <0.180 | <0.380 | <0.180 | <0.180 | 0.620 | 0.990 | 0.760 | 2.370 | NA |
| | 7-2 | <0.038 | <0.077 | <0.038 | <0.038 | 0.240 | 0.440 | 0.700 | 1.380 | 1.0 |
| CC-9 | 9-1 | <0.035 | <0.071 | <0.035 | <0.035 | 0.130 | 0.130 | 0.140 | 0.400 | 3.9 |
| | 9-2 | <0.036 | <0.072 | <0.036 | <0.036 | 0.062 | 0.110 | 0.130 | 0.302 | NA |
| CC-23 | 9-20 | <0.035 | <0.071 | <0.035 | <0.035 | 0.083 | 0.140 | 0.190 | 0.413 | NA |
| | 23-1 | <0.360 | <0.720 | <0.360 | <0.360 | 0.780 | 1.800 | 1.700 | 4.280 | NA |
| | 23-2 | <0.390 | <0.800 | <0.390 | <0.390 | 1.300 | 2.800 | 2.300 | 6.400 | NA |
| | 23-3 | <0.072 | <0.140 | <0.072 | <0.072 | 0.370 | 0.800 | 0.800 | 1.970 | NA |
| | 23-4 | <0.190 | <0.380 | <0.190 | <0.190 | 0.660 | 1.700 | 1.500 | 3.860 | NA |
| CC-24 | 23-5 | <0.760 | <1.500 | <0.760 | <0.760 | <0.760 | 6.100 | 4.700 | 10.800 | 0.65 |
| | 23-6 | <0.380 | <0.770 | <0.380 | <0.380 | 0.470 | 2.900 | 3.400 | 6.770 | NA |
| | 24-1 | <0.170 | <0.350 | <0.170 | <0.170 | 0.450 | 0.890 | 0.720 | 2.060 | NA |
| | 24-2 | <0.180 | <0.360 | <0.180 | <0.180 | 0.590 | 1.600 | 1.500 | 3.690 | NA |
| | 24-3 | <0.370 | <0.750 | <0.370 | <0.370 | 1.300 | 3.400 | 3.100 | 7.800 | NA |
| | 24-4 | <0.200 | <0.400 | <0.200 | <0.200 | 0.920 | 2.000 | 2.000 | 4.920 | NA |
| | 24-5 | <0.069 | <0.140 | <0.069 | <0.069 | 0.330 | 0.460 | 0.380 | 1.170 | NA |
| | 24-6 | <0.180 | <0.360 | <0.180 | <0.180 | 0.410 | 0.650 | 0.660 | 1.720 | NA |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<X.XXX = laboratory detection limit

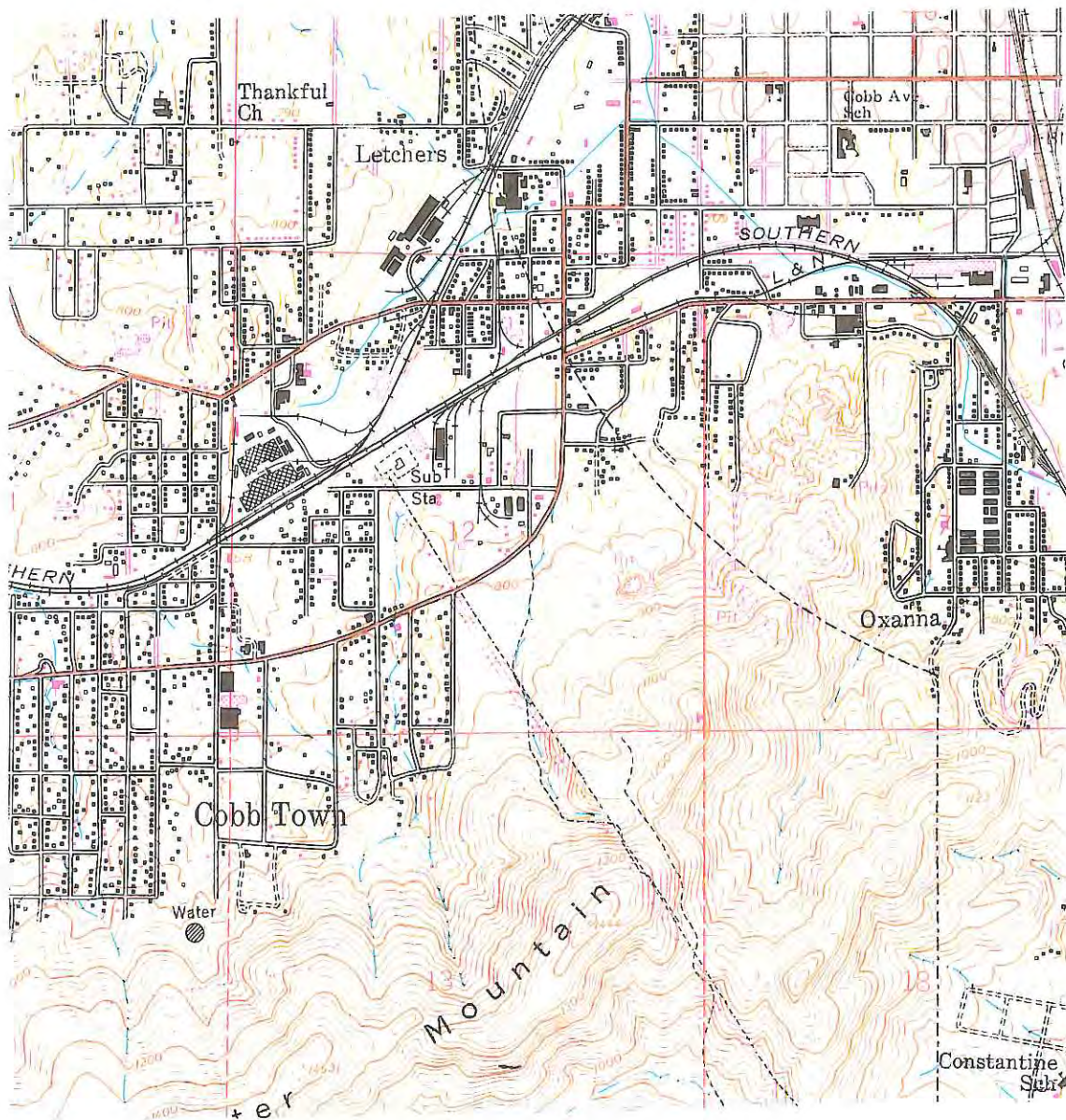
Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 3 of 3

| <u>Area</u> | <u>Sample I.D.</u> | <u>Arochlor</u> <u>1016</u> (mg/Kg) | <u>Arochlor</u> <u>1221</u> (mg/Kg) | <u>Arochlor</u> <u>1232</u> (mg/Kg) | <u>Arochlor</u> <u>1242</u> (mg/Kg) | <u>Arochlor</u> <u>1248</u> (mg/Kg) | <u>Arochlor</u> <u>1254</u> (mg/Kg) | <u>Arochlor</u> <u>1260</u> (mg/Kg) | <u>Total</u> <u>PCBs</u> (mg/Kg) | <u>Mercury</u> (mg/Kg) |
|----------------------------|--------------------|---|---|---|---|---|---|---|--|---------------------------|
| Choccolocco Creek CC-24 | 24-7 | <0.360 | <0.730 | <0.360 | <0.360 | 0.840 | 1.400 | 1.400 | 3.640 | NA |
| | 24-8 | <0.760 | <1.500 | <0.760 | <0.760 | 1.700 | 3.500 | 3.700 | 8.900 | NA |
| | 24-9 | <0.360 | <0.740 | <0.360 | <0.360 | 0.770 | 1.700 | 1.900 | 4.370 | NA |
| | 24-10 | <0.350 | <0.720 | <0.350 | <0.350 | 0.550 | 2.100 | 2.000 | 4.650 | 2.0 |
| | 24-11 | <0.180 | <0.360 | <0.180 | <0.180 | 0.610 | 0.930 | 0.750 | 2.290 | NA |
| | 24-20 | <0.830 | <1.700 | <0.830 | <0.830 | 1.200 | 2.500 | 2.600 | 6.300 | NA |
| CC-26 | 26-1 | <0.190 | <0.380 | <0.190 | <0.190 | 1.500 | 1.500 | 0.930 | 3.930 | 2.6 |
| | 26-2 | <0.170 | <0.360 | <0.170 | <0.170 | 0.360 | 0.560 | 0.630 | 1.550 | NA |
| CC-29 | 29-1 | <0.190 | <0.380 | <0.190 | <0.190 | 0.510 | 0.820 | 0.640 | 1.970 | NA |
| | 29-2 | <0.370 | <0.750 | <0.370 | <0.370 | 1.400 | 2.000 | 1.200 | 4.600 | NA |
| | 29-3 | <0.076 | <0.150 | <0.076 | <0.076 | 1.100 | 0.750 | 0.600 | 2.450 | 3.6 |
| | 29-4 | <0.180 | <0.370 | <0.180 | <0.180 | 0.660 | 1.500 | 1.100 | 3.260 | NA |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<XXX = laboratory detection limit



SOURCE:
U.S.G.S ANNISTON, ALABAMA
QUADRANGLE 1975
7.5 MINUTES SERIES (TOPOGRAPHIC)

Title:

SITE LOCATION MAP

ANNISTON, ALABAMA

Prepared For:

SOLUTIA, INC.

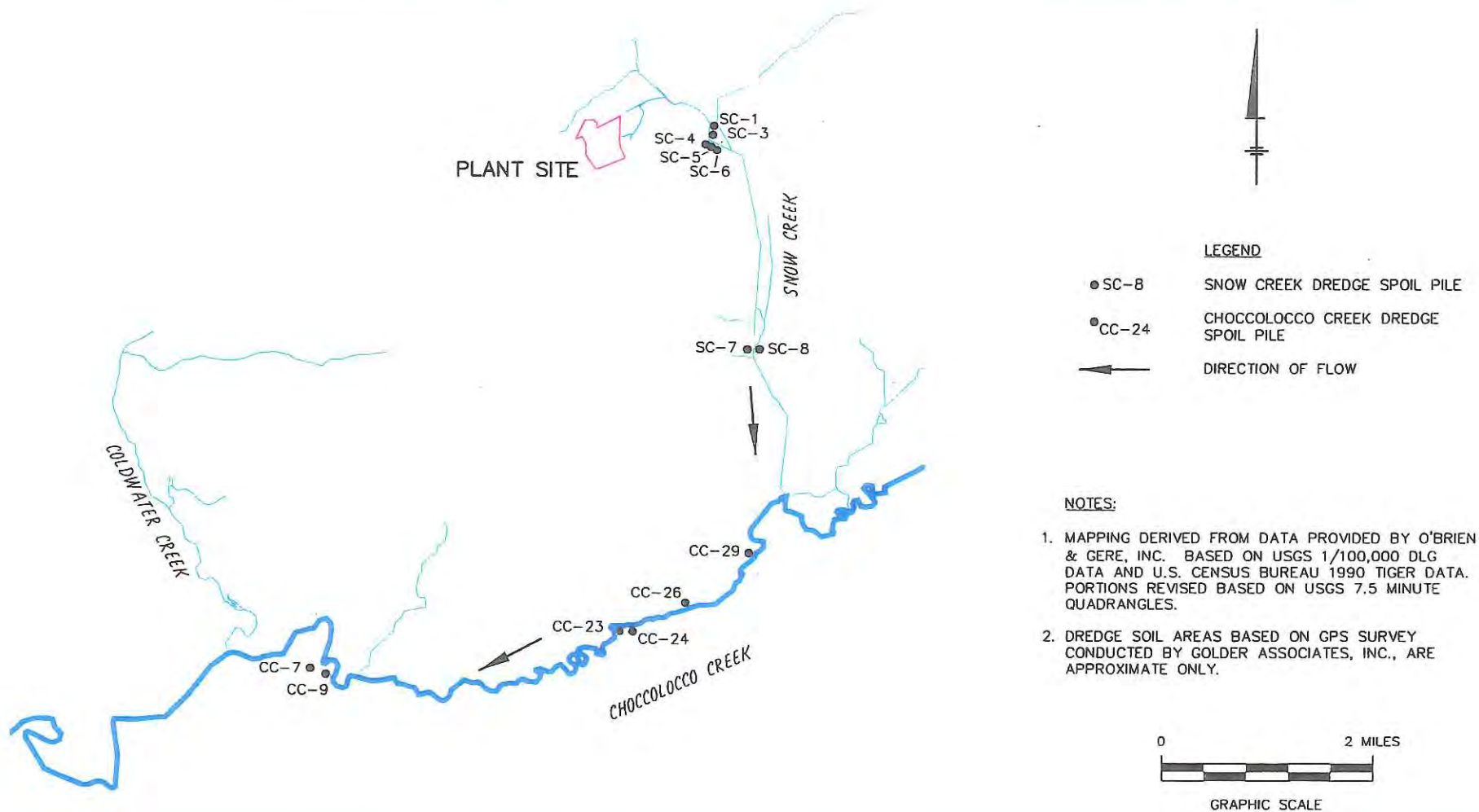
ROUX
ROUX ASSOCIATES INC
Environmental Consulting
& Management

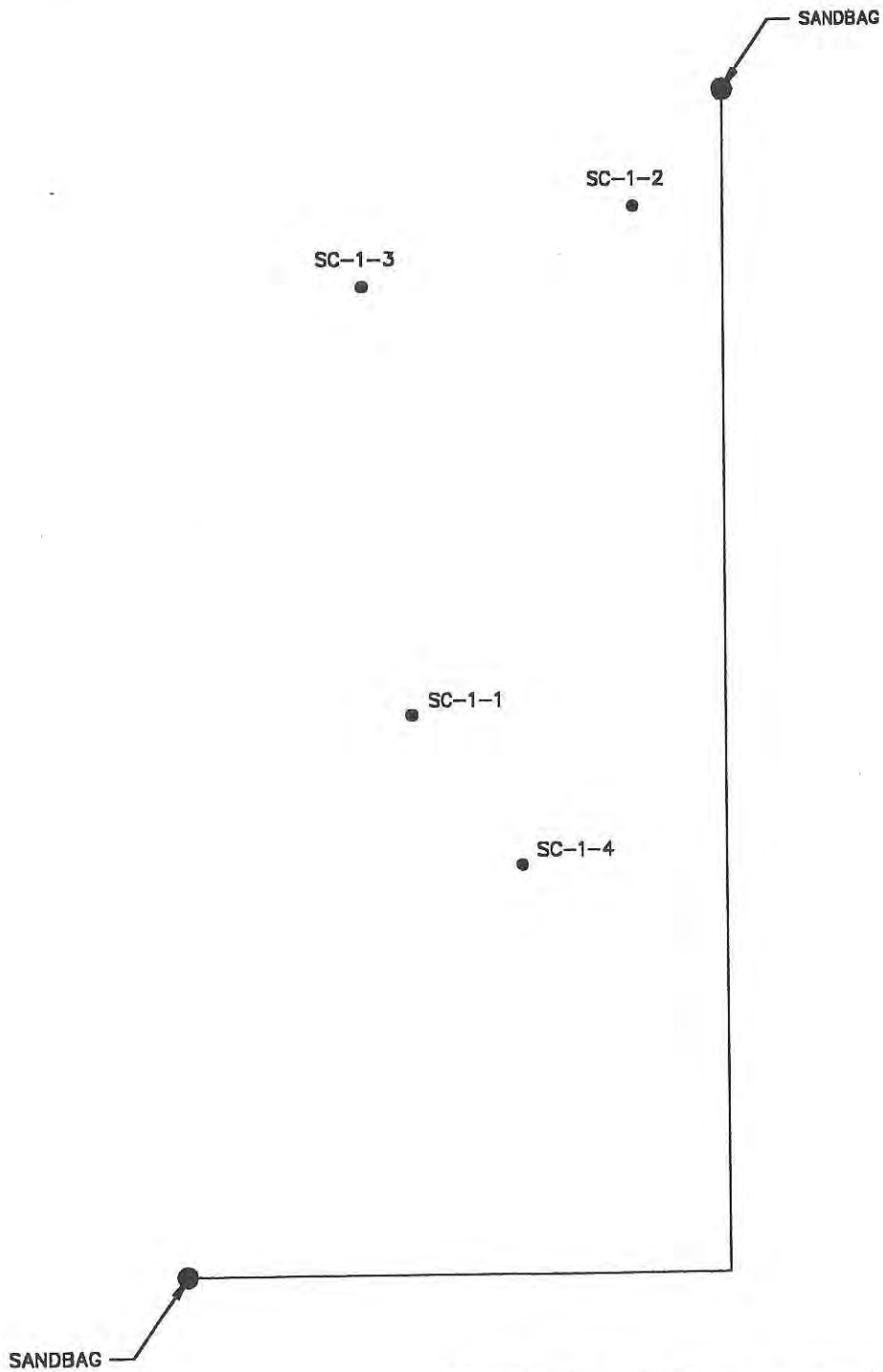
| | |
|---------------------|------------------|
| Compiled by: J.L.S. | Date: 8/99 |
| Prepared by: M.J.S | Scale: SHOWN |
| Project Mgr: J.R.L. | Revision: FINAL |
| Proj No: 06638T04 | File No: 38T04.1 |

Figure

1

Figure 2 - Locations of Dredge Spoil Areas





Title:

SAMPLING LOCATIONS DREDGE SPOIL AREA SC-1

ANNISTON, ALABAMA

Prepared For:

SOLUTIA, INC.

ROUX
ROUX ASSOCIATES INC
Environmental Consulting
& Management

| | |
|---------------------|------------------|
| Compiled by: J.L.S. | Date: 8/99 |
| Prepared by: M.J.S. | Scale: 1/8" = 1' |
| Project Mgr: J.R.L. | Revision: FINAL |
| Proj No: 06638T04 | File No: 38T04.3 |

Figure

3



SNOW CREEK

SC-3-2

SC-3-4

SC-3-1

SC-3-3

SC-3-5

HIGHWAY
202

DITCH

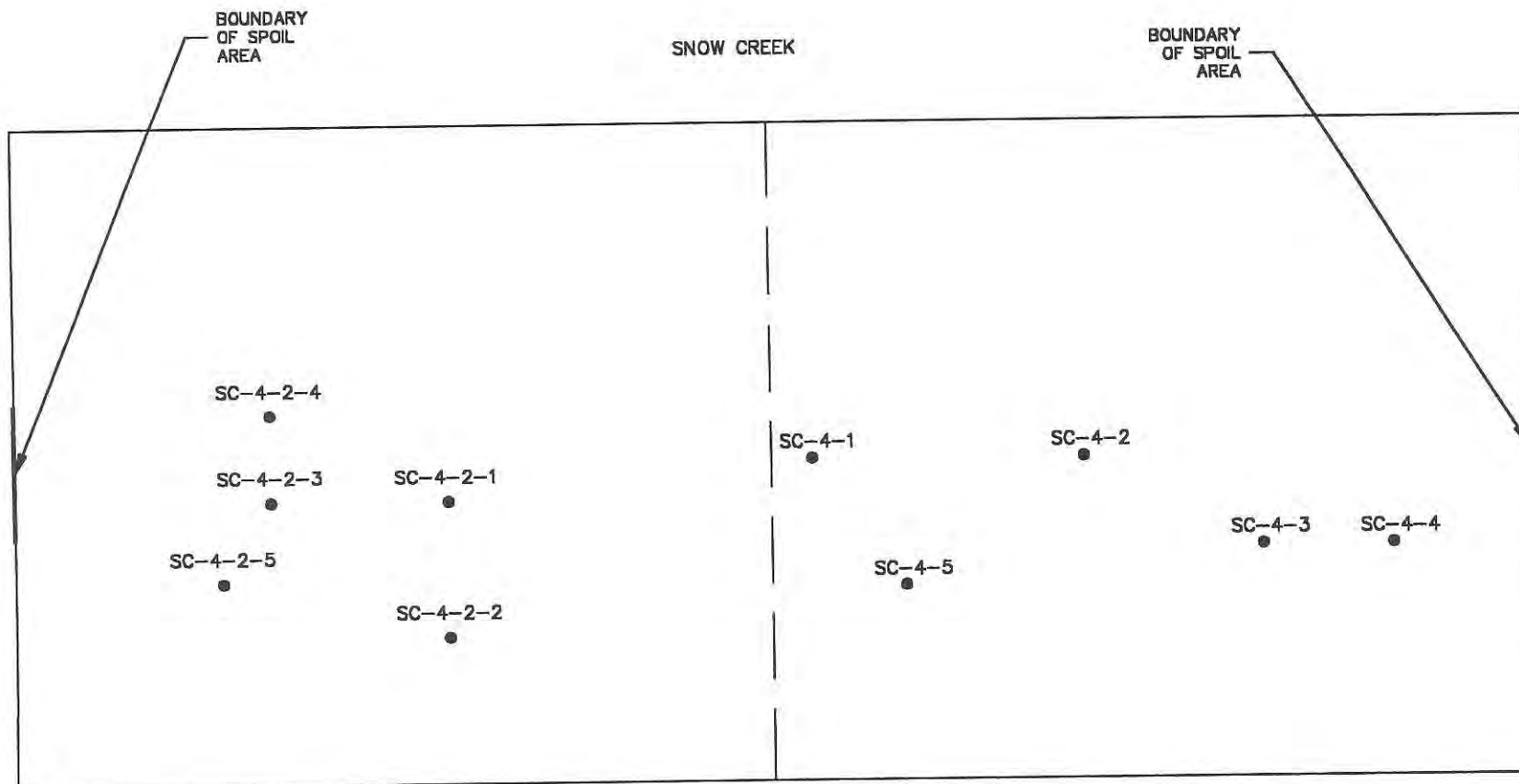
TREE

Title: SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-3

ANNISTON, ALABAMA

Prepared For: SOLUTIA, INC.

| | | | |
|--|---------------------|------------------|-------------|
| ROUX ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure 4 |
| | Prepared by: M.J.S. | Scale: 1/4" = 1' | |
| | Project Mgr: J.R.L. | Revision: FINAL | |
| | Proj No: 06638T04 | File No: 38T04.4 | |



Title: SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-4

ANNISTON, ALABAMA

Prepared For:

SOLUTIA, INC.

ROUX

ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: J.L.S.

Prepared by: M.J.S.

Project Mgr: J.R.L.

Proj No: 06638T04

Date: 8/99

Scale: 1/4" = 1'

Revision: FINAL

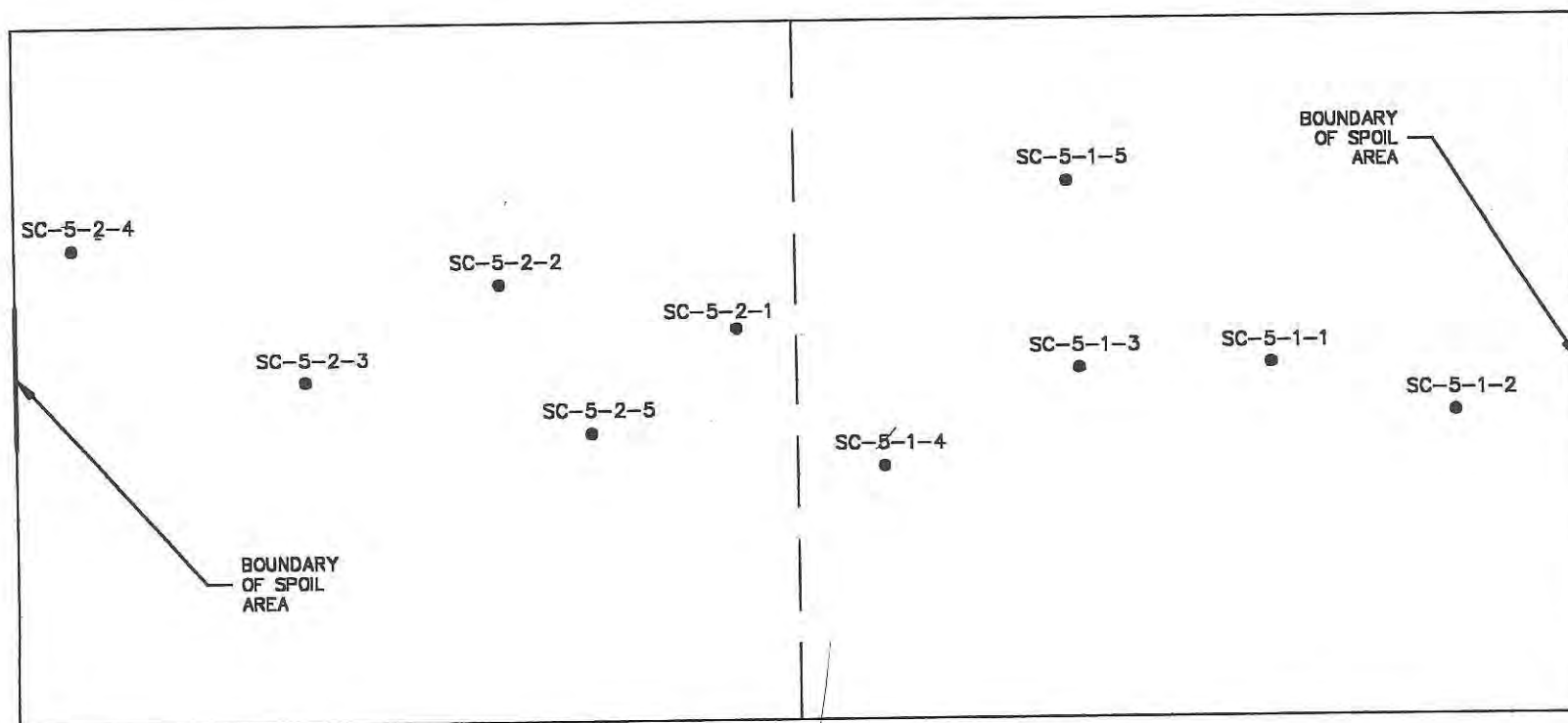
File No: 38T04.5

Figure

5



SNOW CREEK



Title: SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-5

ANNISTON, ALABAMA

Prepared For: SOLUTIA, INC.

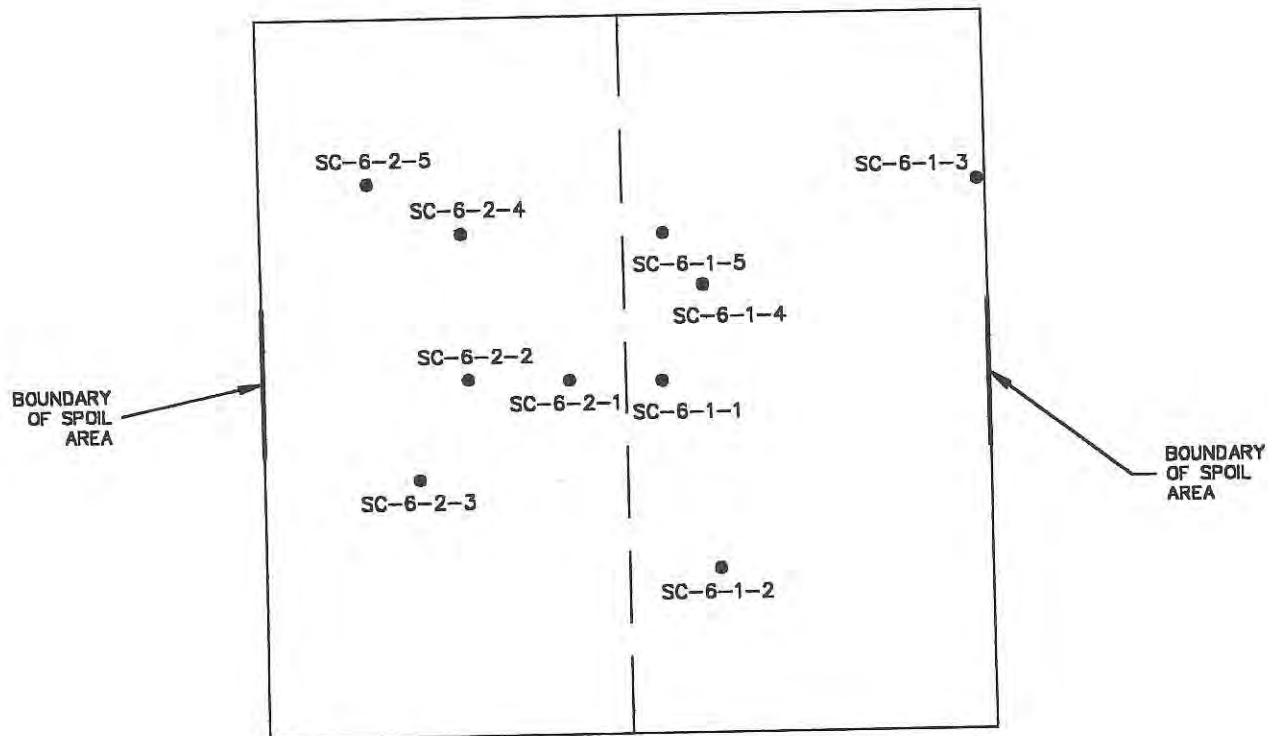
ROUX
ROUX ASSOCIATES INC
Environmental Consulting
& Management

| | |
|---------------------|------------------|
| Compiled by: J.L.S. | Date: 8/99 |
| Prepared by: M.J.S. | Scale: 1/4" = 1' |
| Project Mgr: J.R.L. | Revision: FINAL |
| Proj No: 06638T04 | File No: 38T04.6 |

Figure
6



SNOW CREEK



Title: SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-6

ANNISTON, ALABAMA

Prepared For:

SOLUTIA, INC.

ROUX

ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: J.L.S.

Prepared by: M.J.S.

Project Mgr: J.R.L.

Proj No: 06638T04

Date: 8/98

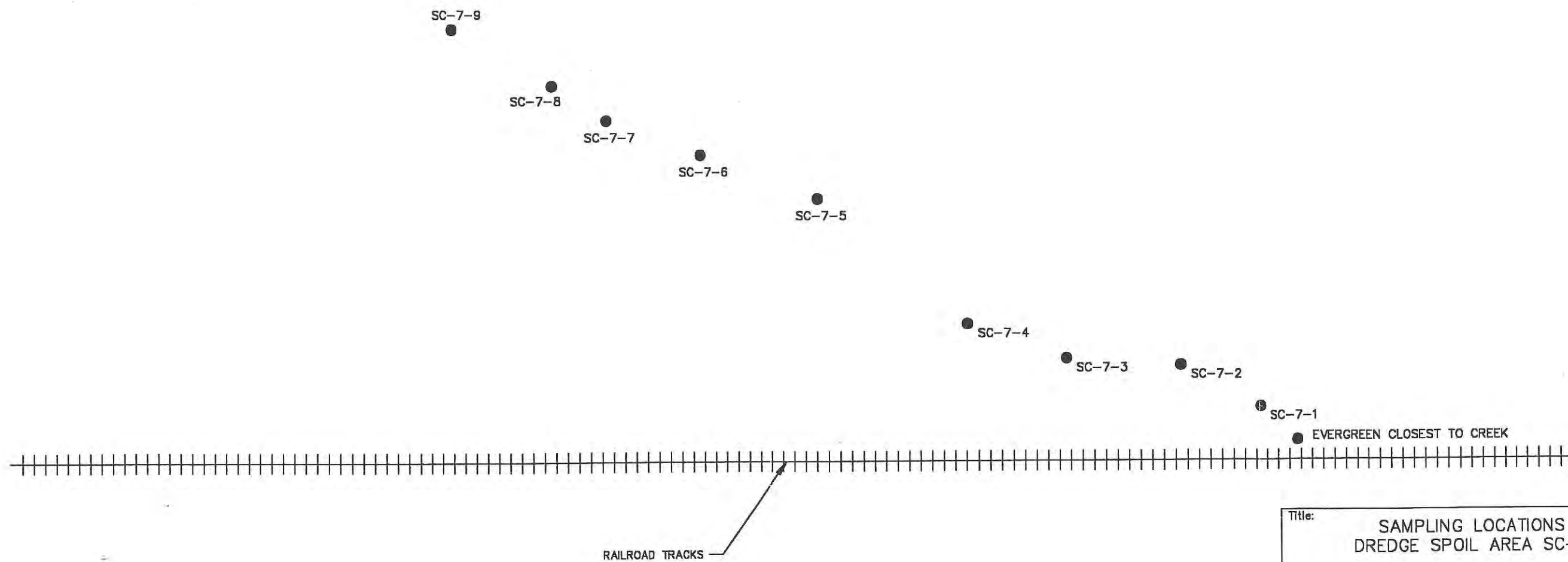
Scale: 1/4" = 1'


Revision: FINAL

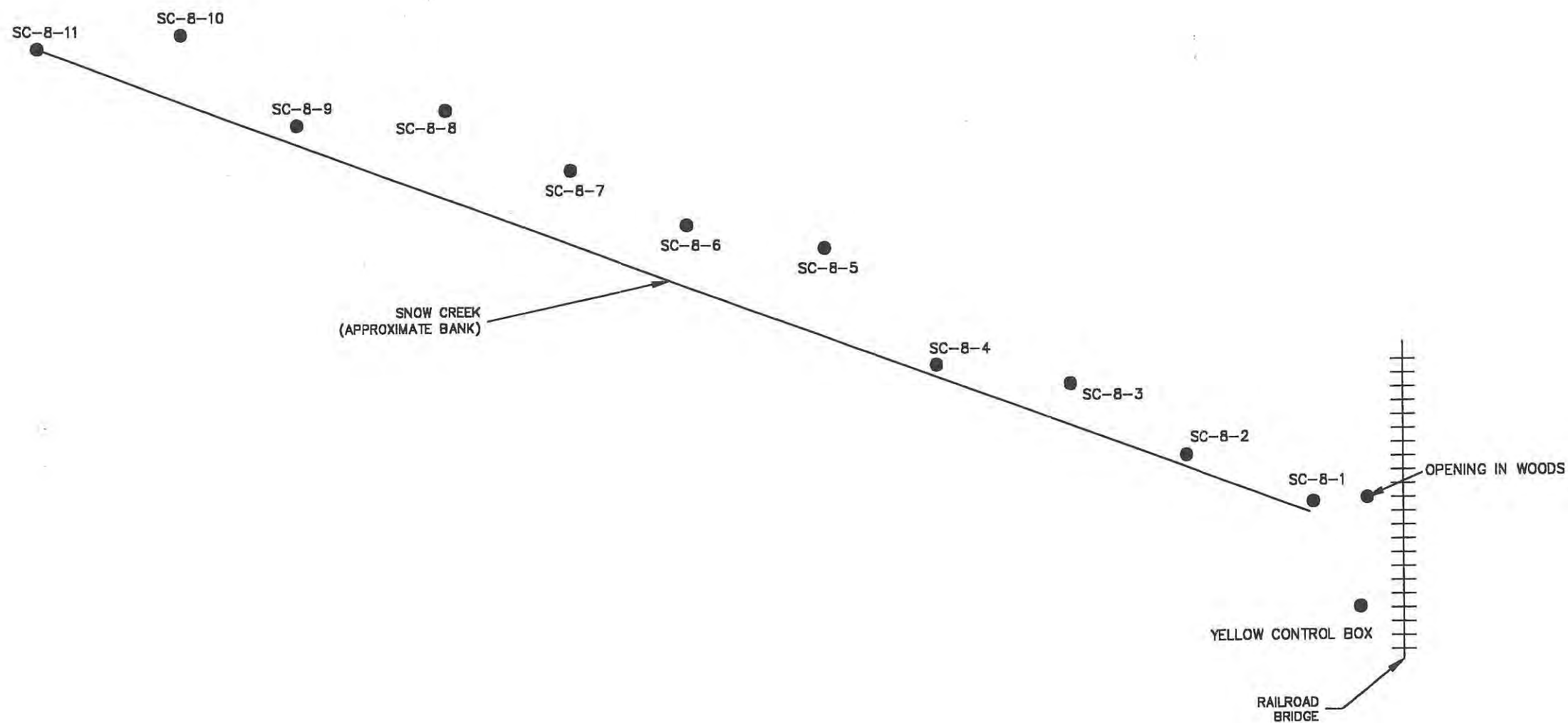
File No: 38T04.7

Figure

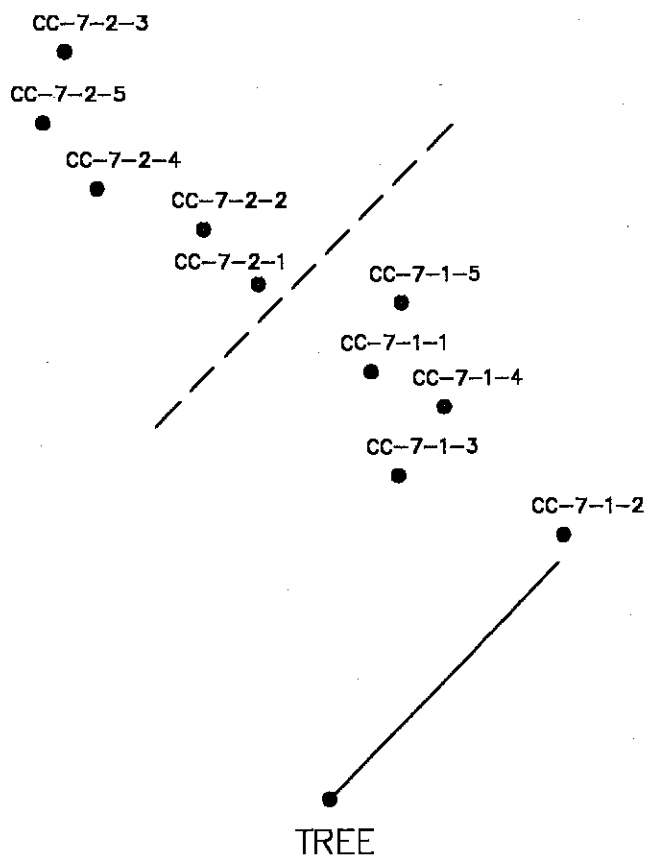
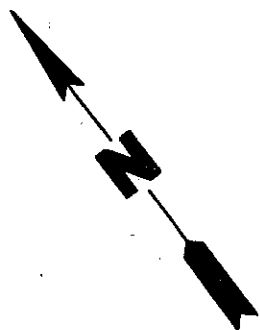
7



| | | | |
|--|---------------------|------------------|-------------|
| Title: SAMPLING LOCATIONS DREDGE SPOIL AREA SC-7 | | | |
| ANNISTON, ALABAMA | | | |
| Prepared For: SOLUTIA, INC. | | | |
|  ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure 8 |
| | Prepared by: M.J.S. | Scale: 1"=50' | |
| | Project Mgr: J.R.L. | Revision: FINAL | |
| | Proj No: 06638T04 | File No: 38T04.8 | |



| | | | |
|--|---------------------|------------------|-------------|
| Title: SAMPLING LOCATIONS DREDGE SPOIL AREA SC-8 | | | |
| ANNISTON, ALABAMA | | | |
| Prepared For: SOLUTIA, INC. | | | |
| ROUX ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure 9 |
| | Prepared by: M.J.S. | Scale: 1"=50' | |
| | Project Mgr: J.R.L. | Revision: FINAL | |
| | Proj No: 06638T04 | File No: 38T04.9 | |



Title:

SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-7

TALLADEGA COUNTY, ALABAMA

Prepared For:

SOLUTIA, INC.

ROUX

ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: J.L.S. Date: 8/99

Prepared by: M.J.S. Scale: 1"=25'

Project Mgr: J.R.L. Revision: FINAL

Proj No: 06638T04 File No: 38T04.10

Figure

10



CLEARING

CC-9-2-5 CC-9-2-4
CC-9-2-2
CC-9-2-1 CC-9-2-3
CC-9-1-2 CC-9-1-4
CC-9-1-5
CC-9-1-1 CC-9-1-3

TREES

CHOCOLOCCO CREEK

Title:

SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-9

TALLADEGA COUNTY, ALABAMA

Prepared For:

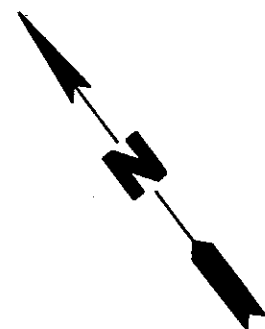
SOLUTIA, INC.

ROUX
ROUX ASSOCIATES INC
Environmental Consulting
& Management

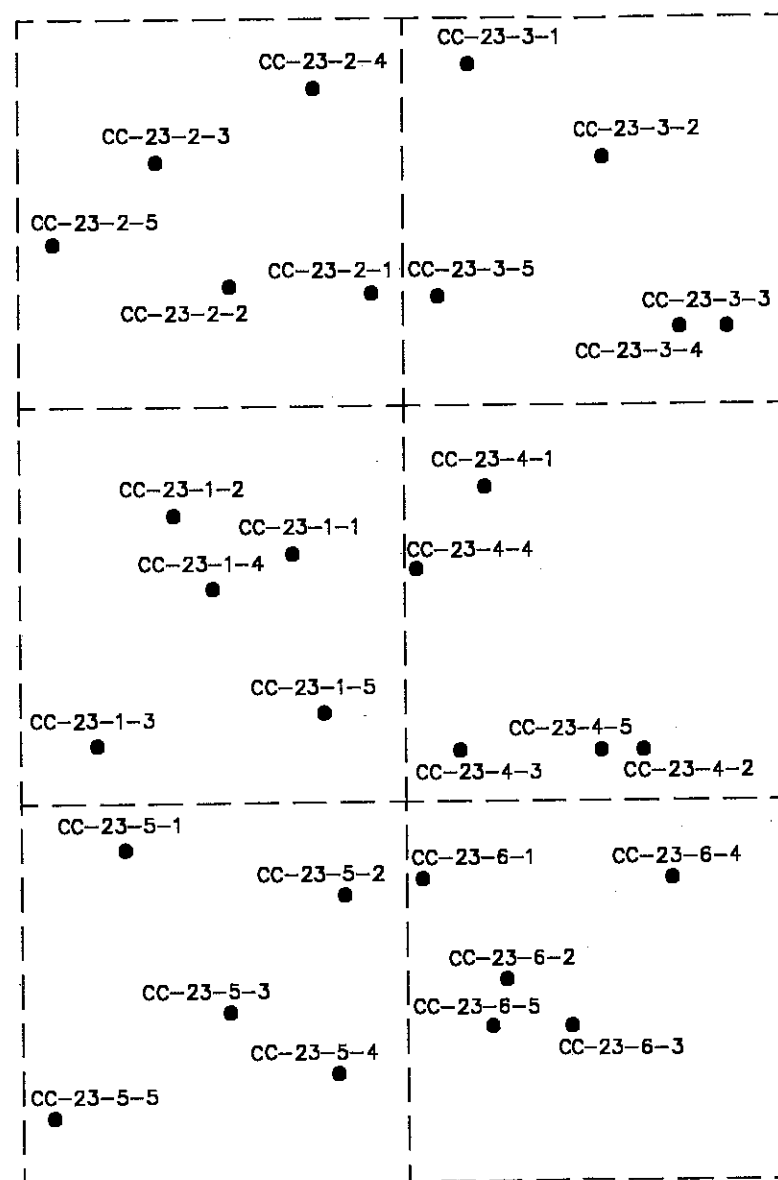
| | |
|---------------------|-------------------|
| Compiled by: J.L.S. | Date: 8/99 |
| Prepared by: M.J.S. | Scale: 1"=25' |
| Project Mgr: J.R.L. | Revision: FINAL |
| Proj No: 06638T04 | File No: 38T04.11 |

Figure

11



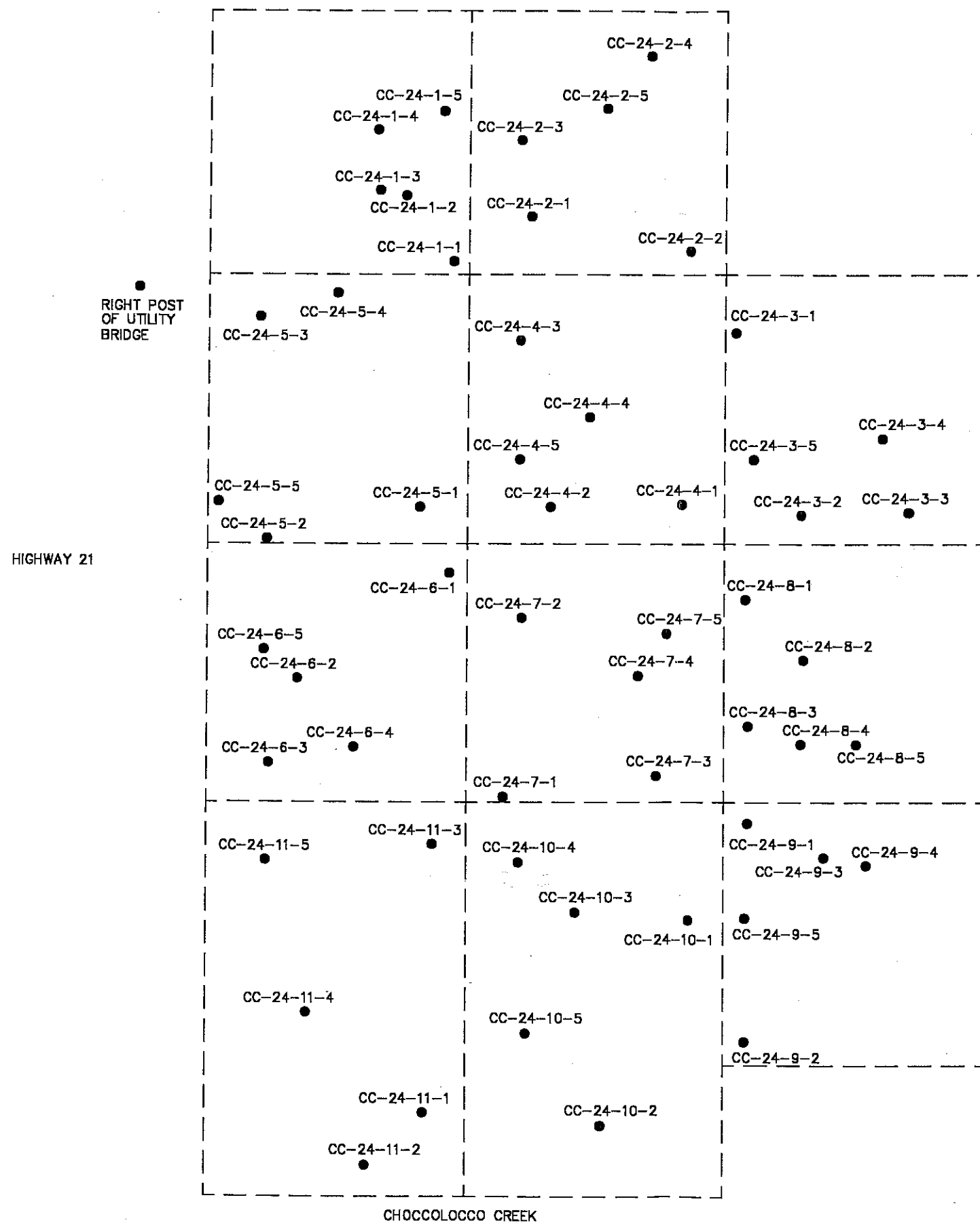
CHOCCOLOCCO CREEK



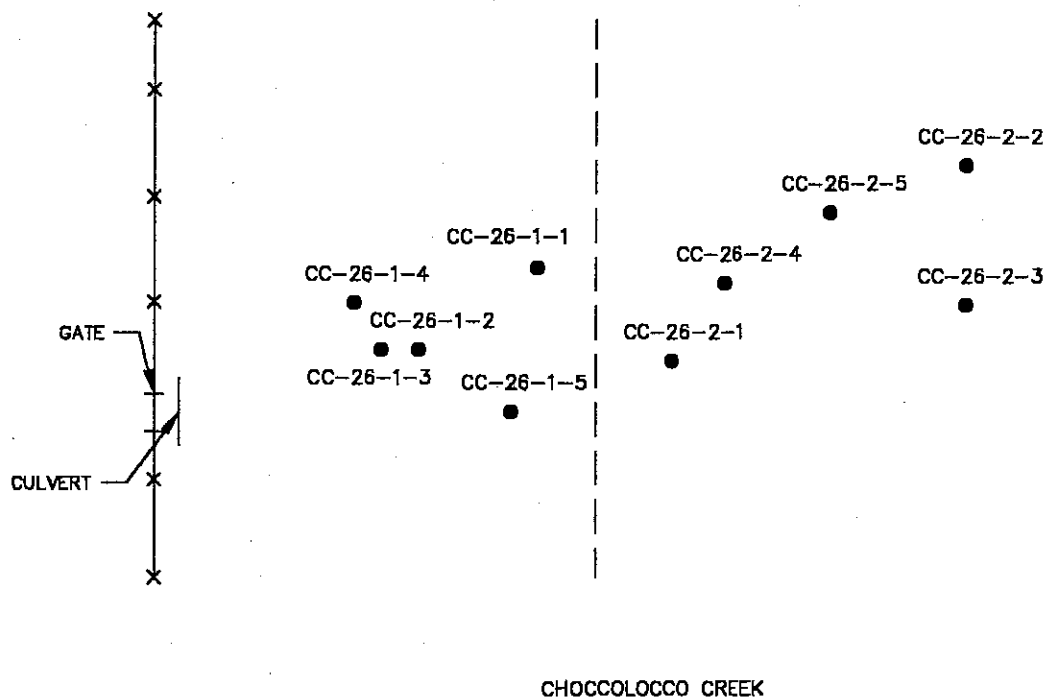
TREE



| | | | | |
|--|---------------------|-------------------|--------|--|
| Title: SAMPLING LOCATIONS DREDGE SPOIL AREA CC-23 | | | | |
| TALLADEGA COUNTY, ALABAMA | | | | |
| Prepared For: SOLUTIA, INC. | | | | |
| ROUX ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure | |
| | Prepared by: M.J.S. | Scale: 1"=25' | 12 | |
| | Project Mgr: J.R.L. | Revision: FINAL | | |
| | Proj No: 06638T04 | File No: 38T04.13 | | |



| | | | | |
|--|---------------------|-------------------|--------|--|
| Title: SAMPLING LOCATIONS DREDGE SPOIL AREA CC-24 | | | | |
| TALLADEGA COUNTY, ALABAMA | | | | |
| Prepared For: SOLUTIA, INC. | | | | |
| ROUX ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure | |
| | Prepared by: M.J.S. | Scale: 1"=25' | 13 | |
| | Project Mgr: J.R.L. | Revision: FINAL | | |
| | Proj No: 06638T04 | File No: 38T04.12 | | |



Title:

SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-26

CALHOUN COUNTY, ALABAMA

Prepared For:

SOLUTIA, INC.

ROUX

ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: J.L.S.

Prepared by: M.J.S.

Project Mgr: J.R.L.

Proj No: 06638T04

Date: 8/99

Scale: 1"=25'

Revision: FINAL

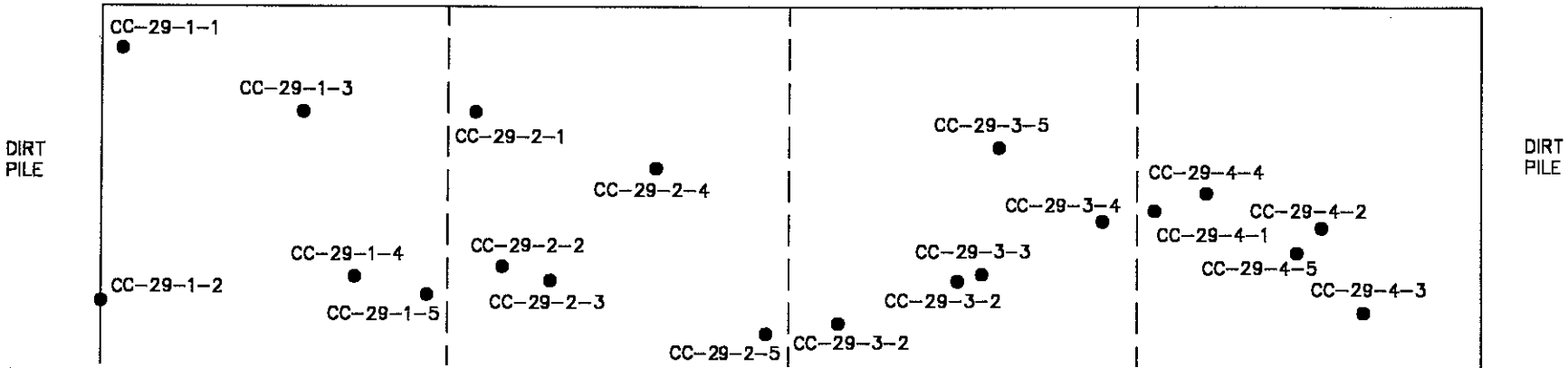
File No: 38T04.14


Figure

14



CHOCOLOCCO CREEK



| | | | |
|--|---------------------|-------------------|--------------|
| Title: | | | |
| SAMPLING LOCATIONS DREDGE SPOIL AREA CC-29 | | | |
| CALHOUN COUNTY, ALABAMA | | | |
| Prepared For: | | | |
| SOLUTIA, INC. | | | |
|  ROUX ASSOCIATES INC Environmental Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure 15 |
| | Prepared by: M.J.S. | Scale: 1"=25' | |
| | Project Mgr: J.R.L. | Revision: FINAL | |
| | Proj No: 06638T04 | File No: 38T04.15 | |

APPENDIX A

REVISED DREDGE SPOIL AREA RFI/CS WORK PLAN

REVISED DREDGE SPOIL AREA RFI/CS WORK PLAN
Snow and Choccolocco Creeks
Calhoun and Talladega Counties, Alabama

Solutia Inc. – Anniston Facility
USEPA I.D. No. ALD 004 019 048

September 13, 1999

Solutia Inc.
300 Birmingham Highway
Anniston, Alabama 36201

CONTENTS

| | |
|----------------------------------|---|
| 1.0 INTRODUCTION | 1 |
| 2.0 SCOPE OF WORK..... | 1 |
| 3.0 SAMPLING STRATEGY..... | 1 |
| 4.0 SAMPLING METHODS | 2 |
| 5.0 SAMPLE ANALYSIS | 2 |
| 6.0 SCHEDULE AND REPORTING | 3 |

TABLES

1. Dredge Spoil Area Sample Information

1.0 INTRODUCTION

In October 1998, Solutia Inc. (Solutia) submitted to the Alabama Department of Environmental Management (ADEM) a *Dredge Spoil Area Evaluation Report* that described Solutia's efforts to locate and evaluate dredge spoil areas along Snow and Choccolocco Creeks in Calhoun and Talladega Counties, Alabama. This report also presented recommendations to ensure the future stability of these areas. ADEM, by correspondence dated April 19, 1999, has requested that Solutia prepare a work plan to address sampling at each dredge spoil area.

2.0 SCOPE OF WORK

The *Dredge Spoil Area Evaluation Report* identified eight (8) dredge spoil areas along Snow Creek and 19 dredge spoil areas along Choccolocco Creek, for a total of 27 areas. In a letter to ADEM dated April 24, 1999 Solutia proposed that three (3) of the dredge spoil areas along Snow Creek (Areas 4, 5, and 6) be removed to permit the City of Anniston to carry out erosion control measures in the near future and that the areas be sampled prior to removal. The 27 dredge spoil areas will be sampled for polychlorinated biphenyls (PCBs) and mercury, as requested by ADEM, in two phases. Phase 1 sampling will include areas to be removed by the City of Anniston; areas to be stabilized, as identified in the *Dredge Spoil Area Evaluation Report*; and stable areas that are less than 25 feet from Snow or Choccolocco Creeks. These areas are Snow Creek Areas 1, 3, 4, 5, 6, 7, and 8; and Choccolocco Creek Areas 7, 9, 23, 24, 26 and 29. The remaining 14 areas will be sampled in Phase 2 as part of the pending flood plain phase of the Off-Site RFI/CS investigation.

3.0 SAMPLING STRATEGY

Twenty-four (24) dredge spoil areas will be sampled in two (2) phases. The location, size, and distance of each area from either Snow or Choccolocco Creek are provided in Table 1. A 50-foot by 50-foot grid was used to determine the number of samples to be collected from each area. A fifty-foot grid spacing was selected to provide representative samples from dredge spoil areas which vary widely in size. Each area was approximated as a rectangle. The maximum length and width of the areas were used as the length and width of the rectangle. The maximum number of samples for each area was defined as

the number of squares of the grid that fell within the rectangle. The squares of the grid represent the boundaries for composite sampling. Each grid sample will be a composite sample consisting of five (5) aliquots of sediment collected at randomly selected locations and depths within the composite boundaries. The maximum number of samples for each area is indicated on Table 1.

Seven areas, Snow Creek Areas 1,2, 3, and 7 and Choccolocco Creek Areas 7, 28B, and 29 are too small to fit within the grid spacing selected. One composite sample will be taken from each of the following areas: Snow Creek Areas 1 through 3, at randomly selected locations and depths at each area. Two (2) composite samples will be taken from Choccolocco Creek Areas 7 and 28B at randomly selected locations and depths. Four (4) composite samples will be taken from Choccolocco Creek Area 29 at randomly selected locations and depths. Nine (9) composite samples will be taken from Snow Creek Area 7 at randomly selected locations and depths. All composite locations will be determined from a known location at each area.

Snow Creek Areas 4, 5, and 6 will be handled differently than the other dredge spoil areas because they are scheduled to be removed by the City of Anniston. Two (2) composite samples of five (5) aliquots each will be taken from each of these areas for waste characterization purposes.

4.0 SAMPLING METHODS

Samples will be collected according to methods described in the Off-Site RFI/CS Work Plan (March 1999). All health and safety, sample handling, documentation, and custody procedures described in this plan will be followed.

5.0 SAMPLE ANALYSIS

All composited samples, duplicates, and blanks will be analyzed for PCBs by USEPA Method SW846 8082. In addition, one composite sample from each dredge spoil area will be analyzed for total mercury by USEPA Method SW846 6010B, with the exception of Snow Creek Areas 4, 5, and 6. All analyses will be conducted as presented in the Off-

Site RFI/CS Work Plan. All data collection, management, review, validation and verification procedures included in the Off-Site RFI/CS Work Plan will be followed.

6.0 SCHEDULE AND REPORTING

Phase 1 sampling will commence within 30 days of ADEM approval of this work plan and receipt of access agreements from affected property owners, whichever is later. Phase 1 sampling will be completed within two (2) weeks. Laboratory analyses will be completed within six (6) weeks of the completion of sampling. Data review, validation, and verification and a report of the results for Phase 1 sampling will be completed within six (6) weeks of receipt of laboratory data. The schedule for Phase 2 sampling will be included in the pending flood plain investigation work plan to be submitted later this year.

The Dredge Spoil Area Phase 1 Sampling Final Report will describe all sampling locations, methods and results. Sample locations will be identified with sufficient detail to allow additional sampling of individual piles if determined necessary. Sample locations and results will be summarized in a table and presented on appropriate figures for documentation purposes. Copies of all analytical results and chain-of-custody forms will be included as an appendix.

Table 1. Dredge Spoil Area Sample Information, Snow and Choccolocco Creeks, Calhoun and Talladega Counties, Alabama.

| Dredge Spoil Area | Location Lat. (° N) / Long. (°W) | Distance From Bank (ft) | Height/Depth (H/D) (ft) | Area (length x width) (ft x ft) | Maximum Number of Samples |
|--------------------------|-------------------------------------|-------------------------------|----------------------------|---------------------------------------|---------------------------------|
| Snow Creek | | | | | |
| Area 1 | 33° 39' 17.9800" / 85° 50' 13.1877" | 26.6 | H ~ 6 | 57 x 30 | 1 |
| Area 2 | 33° 39' 18.0002" / 85° 50' 14.3286" | 30 | H = 3 | 50 x 27 | 1 |
| Area 3 | 33° 39' 14.1785" / 85° 50' 14.2223" | 0 | H = 7 | 40 x 13 | 1 |
| Area 7 | 33° 37' 24.7975" / 85° 49' 46.9691" | 0 | H = 3 | 450 x 40 | 9 |
| Area 8 | 33° 37' 24.8565" / 85° 49' 46.3722" | 0 | H = 3 | 550 x 80 | 11 |
| Choccolocco Creek | | | | | |
| Area 1 | 33° 34' 48.9501" / 85° 54' 49.7044" | 70 | D = 4 | 130 x 100 | 4 |
| Area 4 | 33° 34' 59.9733" / 85° 53' 59.5825" | 75 | D = 3 to 5 | 100 x 85 | 2 |
| Area 5 | 33° 34' 52.4686" / 85° 54' 03.9470" | 200 | D = 3 to 5 | 100 x 120 | 4 |
| Area 7 | 33° 34' 39.1138" / 85° 54' 07.6704" | 500 | D = 4 | 160 x 20 | 2 |
| Area 9 | 33° 34' 39.5886" / 85° 54' 07.1254" | 0 | D = 0 to 7 | 100 x 75 | 2 |
| Area 10 | 33° 34' 33.1961" / 85° 53' 43.2474" | 200 | H = 2 / D=3 | 250 x 110 | 10 |
| Area 12 | 33° 34' 33.2024" / 85° 53' 22.0937" | 80 | D = 4 to 5 | 100 x 90 | 2 |
| Area 15 | 33° 34' 34.0765" / 85° 53' 13.1504" | 150 | D = 3 to 4 | 70 x 150 | 3 |
| Area 16 | 33° 34' 30.8762" / 85° 53' 00.6391" | 100 | H ~ 2 / D = 2 to 5 | 165 x 100 | 6 |
| Area 18 | 33° 34' 38.1790" / 85° 52' 13.0771" | 500 | H = 3 / D = 2 | 130 x 150 | 6 |
| Area 19 | 33° 34' 31.3623" / 85° 51' 58.8287" | 250 | D = 5 to 6 | 100 x 65 | 2 |
| Area 23 | 33° 35' 01.6099" / 85° 51' 09.9273" | 20 | D = 3 | 185 x 100 | 6 |
| Area 24 | 33° 35' 02.0814" / 85° 50' 54.9943" | ~5 (next to flood berm) | H ~10 | 280 x 165 | 15 |
| Area 25 | 33° 35' 05.1703" / 85° 50' 45.5931" | 70 | D = 4 to 5 | 110 x 100 | 4 |
| Area 26 | 33° 35' 11.6729" / 85° 50' 32.8112" | ~ 40 | D = 5 to 6 | 140 x 60 | 2 |
| Area 28A | 33° 35' 20.6653" / 85° 50' 05.1416" | 80 | D = 5 to 6 | 240 x 70 | 4 |
| Area 28B | 33° 35' 26.1406" / 85° 49' 59.4665" | 80 | D = 6 to 7 | 155 x 45 | 3 |
| Area 29 | 33° 35' 37.2064" / 85° 49' 48.6254" | 10 | D = 4 to 5 | 215 x 55 | 4 |
| Area 31 | 33° 35' 52.9926" / 85° 49' 43.2965" | 300 | H = 2 / D = 2 | 135 x 230 | 8 |

Maximum Total Number of Samples =

112

APPENDIX B

LABORATORY DATA SHEETS

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 1

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | DATE/ TIME SAMPLED | | | |
|------------------------|---|-----------------------|----------|----------|----------|
| 14052-1 | 24-1 | 06-14-99/10:55 | | | |
| 14052-2 | 24-2 | 06-14-99/11:50 | | | |
| 14052-3 | 24-3 | 06-14-99/14:35 | | | |
| 14052-4 | 24-4 | 06-14-99/14:30 | | | |
| 14052-5 | 24-5 | 06-14-99/16:00 | | | |
| PARAMETER | 14052-1 | 14052-2 | 14052-3 | 14052-4 | 14052-5 |
| PCB's (8082) | | | | | |
| Aroclor-1016, ug/kg dw | <170 | <180 | <370 | <200 | <69 |
| Aroclor-1221, ug/kg dw | <350 | <360 | <750 | <400 | <140 |
| Aroclor-1232, ug/kg dw | <170 | <180 | <370 | <200 | <69 |
| Aroclor-1242, ug/kg dw | <170 | <180 | <370 | <200 | <69 |
| Aroclor-1248, ug/kg dw | 450 | 590 | 1300 | 920 | 330 |
| Aroclor-1254, ug/kg dw | 890 | 1600 | 3400 | 2000 | 460 |
| Aroclor-1260, ug/kg dw | 720 | 1500 | 3100 | 2000 | 380 |
| Surrogate - TCX | 60 % | 46 % | *F33 | 49 % | 45 % |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 |
| Date Analyzed | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 |
| Dilution factor | 5.0 | 5.0 | 10.0 | 5.0 | 2.0 |
| Batch ID | 06220 | 06220 | 06220 | 06220 | 06220 |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD |
| Percent Solids | 95 | 92 | 89 | 84 | 96 |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

Page 2

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-6 | 24-6 | | | | | 06-14-99/16:20 |
| 14052-7 | 24-7 | | | | | 06-14-99/17:15 |
| 14052-8 | 24-8 | | | | | 06-15-99/16:50 |
| 14052-9 | 24-9 | | | | | 06-15-99/16:40 |
| 14052-10 | 24-11 | | | | | 06-15-99/17:35 |
| PARAMETER | 14052-6 | 14052-7 | 14052-8 | 14052-9 | 14052-10 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <180 | <360 | <760 | <360 | <180 | |
| Aroclor-1221, ug/kg dw | <360 | <730 | <1500 | <740 | <360 | |
| Aroclor-1232, ug/kg dw | <180 | <360 | <760 | <360 | <180 | |
| Aroclor-1242, ug/kg dw | <180 | <360 | <760 | <360 | <180 | |
| Aroclor-1248, ug/kg dw | 410 | 840 | 1700 | 770 | 610 | |
| Aroclor-1254, ug/kg dw | 650 | 1400 | 3500 | 1700 | 930 | |
| Aroclor-1260, ug/kg dw | 660 | 1400 | 3700 | 1900 | 750 | |
| Surrogate - TCX | 49 % | *F33 | *F33 | *F33 | 62 % | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.25.99 | 06.25.99 | 06.25.99 | 06.28.99 | 06.28.99 | |
| Dilution factor | 5.0 | 10.0 | 20.0 | 10.0 | 5.0 | |
| Batch ID | 06220 | 06220 | 06220 | 06220 | 06220 | |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 93 | 91 | 87 | 91 | 94 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.saviabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 3

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | DATE/ TIME SAMPLED | | | |
|------------------------|---|-----------------------|----------|----------|----------|
| 14052-11 | 24-20 | 06-15-99/14:40 | | | |
| 14052-12 | 29-1 | 06-15-99/09:00 | | | |
| 14052-13 | 29-2 | 06-15-99/09:05 | | | |
| 14052-14 | 29-4 | 06-15-99/09:40 | | | |
| 14052-15 | 26-2 | 06-15-99/10:35 | | | |
| PARAMETER | 14052-11 | 14052-12 | 14052-13 | 14052-14 | 14052-15 |
| PCB's (8082) | | | | | |
| Aroclor-1016, ug/kg dw | <830 | <190 | <370 | <180 | <170 |
| Aroclor-1221, ug/kg dw | <1700 | <380 | <750 | <370 | <360 |
| Aroclor-1232, ug/kg dw | <830 | <190 | <370 | <180 | <170 |
| Aroclor-1242, ug/kg dw | <830 | <190 | <370 | <180 | <170 |
| Aroclor-1248, ug/kg dw | 1200 | 510 | 1400 | 660 | 360 |
| Aroclor-1254, ug/kg dw | 2500 | 820 | 2000 | 1500 | 560 |
| Aroclor-1260, ug/kg dw | 2600 | 640 | 1200 | 1100 | 630 |
| Surrogate - TCX | *F33 | 45 % | *F33 | 51 % | 44 % |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 |
| Date Analyzed | 06.26.99 | 06.28.99 | 06.26.99 | 06.28.99 | 06.28.99 |
| Dilution factor | 20.0 | 5.0 | 10.0 | 5.0 | 5.0 |
| Batch ID | 06220 | 06220 | 06220 | 06220 | 06220 |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD |
| Percent Solids | 79 | 87 | 89 | 90 | 94 |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.saviabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 4

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-16 | 7-1 | | | | | 06-15-99/13:25 |
| 14052-17 | 9-2 | | | | | 06-15-99/14:55 |
| 14052-18 | 9-20 | | | | | 06-15-99/14:58 |
| 14052-19 | 23-1 | | | | | 06-16-99/09:15 |
| 14052-20 | 23-2 | | | | | 06-16-99/09:25 |
| PARAMETER | 14052-16 | 14052-17 | 14052-18 | 14052-19 | 14052-20 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <180 | <36 | <35 | <360 | <390 | |
| Aroclor-1221, ug/kg dw | <380 | <72 | <71 | <720 | <800 | |
| Aroclor-1232, ug/kg dw | <180 | <36 | <35 | <360 | <390 | |
| Aroclor-1242, ug/kg dw | <180 | <36 | <35 | <360 | <390 | |
| Aroclor-1248, ug/kg dw | 620 | 62 | 83 | 780 | 1300 | |
| Aroclor-1254, ug/kg dw | 990 | 110 | 140 | 1800 | 2800 | |
| Aroclor-1260, ug/kg dw | 760 | 130 | 190 | 1700 | 2300 | |
| Surrogate - TCX | 48 % | 45 % | 40 % | *F33 | *F33 | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.25.99 | 06.25.99 | 06.28.99 | 06.28.99 | |
| Dilution factor | 5.0 | 1.0 | 1.0 | 10.0 | 10.0 | |
| Batch ID | 06220 | 06220 | 06220 | 06220 | 06220 | |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 89 | 92 | 94 | 92 | 84 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

Page 5

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-21 | 23-3 | | | | | 06-16-99/11:05 |
| 14052-22 | 23-4 | | | | | 06-16-99/10:55 |
| 14052-23 | 23-6 | | | | | 06-16-99/12:45 |
| 14052-24 | SC-6-1 | | | | | 06-17-99/08:15 |
| 14052-25 | SC-6-2 | | | | | 06-17-99/09:20 |
| PARAMETER | 14052-21 | 14052-22 | 14052-23 | 14052-24 | 14052-25 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <72 | <190 | <380 | <720 | <3800 | |
| Aroclor-1221, ug/kg dw | <140 | <380 | <770 | <1400 | <7600 | |
| Aroclor-1232, ug/kg dw | <72 | <190 | <380 | <720 | <3800 | |
| Aroclor-1242, ug/kg dw | <72 | <190 | <380 | <720 | <3800 | |
| Aroclor-1248, ug/kg dw | 370 | 660 | 470 | 2900 | <3800 | |
| Aroclor-1254, ug/kg dw | 800 | 1700 | 2900 | 12000 | 21000 | |
| Aroclor-1260, ug/kg dw | 800 | 1500 | 3400 | 5000 | 9300 | |
| Surrogate - TCX | 47 % | *F33 | *F33 | *F33 | *F33 | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 | |
| Dilution factor | 2.0 | 5.0 | 10.0 | 20.0 | 100.0 | |
| Batch ID | 0622P | 0622P | 0622P | 0622P | 0622P | |
| Instrument ID | SGKECD | SGKECD | SGKECD | SGKECD | SGKECD | |
| Percent Solids | 92 | 87 | 87 | 92 | 88 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 6

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-26 | SC-5-1 | | | | | 06-17-99/09:00 |
| 14052-50 | SC-5-2 | | | | | 06-17-99/09:55 |
| 14052-51 | SC-4-1 | | | | | 06-17-99/10:58 |
| 14052-52 | SC-4-2 | | | | | 06-17-99/10:50 |
| 14052-53 | SC-7-1 | | | | | 06-17-99/16:20 |
| PARAMETER | 14052-26 | 14052-50 | 14052-51 | 14052-52 | 14052-53 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <720 | <3600 | <350 | <700 | <370 | |
| Aroclor-1221, ug/kg dw | <1400 | <7300 | <710 | <1400 | <750 | |
| Aroclor-1232, ug/kg dw | <720 | <3600 | <350 | <700 | <370 | |
| Aroclor-1242, ug/kg dw | <720 | <3600 | <350 | <700 | <370 | |
| Aroclor-1248, ug/kg dw | <720 | 29000 | 2300 | 2300 | <370 | |
| Aroclor-1254, ug/kg dw | 9500 | 43000 | 7700 | 9700 | 2800 | |
| Aroclor-1260, ug/kg dw | 4700 | 16000 | 3800 | 5400 | 1800 | |
| Surrogate - TCX | *F33 | *F33 | *F33 | *F33 | *F33 | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 | 06.28.99 | |
| Dilution factor | 20.0 | 100.0 | 10.0 | 20.0 | 10.0 | |
| Batch ID | 0622P | 0622P | 0622P | 0622P | 0622P | |
| Instrument ID | SGKECD | SGKECD | SGKECD | SGKECD | SGKECD | |
| Percent Solids | 92 | 92 | 94 | 94 | 89 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 7

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-54 | SC-7-2 | | | | | 06-17-99/16:25 |
| 14052-55 | SC-7-3 | | | | | 06-17-99/16:35 |
| 14052-56 | SC-7-5 | | | | | 06-17-99/17:20 |
| 14052-57 | SC-7-6 | | | | | 06-17-99/17:30 |
| 14052-58 | SC-7-7 | | | | | 06-17-99/17:40 |
| PARAMETER | 14052-54 | 14052-55 | 14052-56 | 14052-57 | 14052-58 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <37 | <38 | <37 | <370 | <180 | |
| Aroclor-1221, ug/kg dw | <75 | <77 | <75 | <750 | <370 | |
| Aroclor-1232, ug/kg dw | <37 | <38 | <37 | <370 | <180 | |
| Aroclor-1242, ug/kg dw | <37 | <38 | <37 | <370 | <180 | |
| Aroclor-1248, ug/kg dw | 44 | 52 | <37 | 980 | 340 | |
| Aroclor-1254, ug/kg dw | 440 | 640 | 240 | 1800 | 580 | |
| Aroclor-1260, ug/kg dw | 780 | 840 | 280 | 2500 | 760 | |
| Surrogate - TCX | 64 % | 58 % | 56 % | *F33 | 54 % | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.25.99 | 06.25.99 | 06.29.99 | 06.26.99 | 06.29.99 | |
| Dilution factor | 1.0 | 1.0 | 1.0 | 10.0 | 5.0 | |
| Batch ID | 0622P | 0622P | 0622Q | 0622Q | 0622Q | |
| Instrument ID | SGKECD | SGKECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 89 | 87 | 89 | 89 | 90 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 8

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-59 | SC-7-8 | | | | | 06-17-99/18:10 |
| 14052-60 | SC-7-9 | | | | | 06-17-99/18:15 |
| 14052-61 | SC-8-1 | | | | | 06-18-99/09:30 |
| 14052-62 | SC-8-2 | | | | | 06-18-99/09:25 |
| 14052-63 | SC-8-3 | | | | | 06-18-99/10:00 |
| PARAMETER | 14052-59 | 14052-60 | 14052-61 | 14052-62 | 14052-63 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <72 | <1800 | <36 | <1800 | <76 | |
| Aroclor-1221, ug/kg dw | <150 | <3700 | <74 | <3600 | <150 | |
| Aroclor-1232, ug/kg dw | <72 | <1800 | <36 | <1800 | <76 | |
| Aroclor-1242, ug/kg dw | <72 | <1800 | <36 | <1800 | <76 | |
| Aroclor-1248, ug/kg dw | 270 | 4700 | 190 | 6200 | 340 | |
| Aroclor-1254, ug/kg dw | 600 | 7900 | 470 | 13000 | 1000 | |
| Aroclor-1260, ug/kg dw | 630 | 6400 | 510 | 9500 | 860 | |
| Surrogate - TCX | 52 % | *F33 | 55 % | *F33 | 43 % | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.29.99 | 06.29.99 | 06.28.99 | 06.29.99 | 06.28.99 | |
| Dilution factor | 2.0 | 50.0 | 1.0 | 50.0 | 2.0 | |
| Batch ID | 0622Q | 0622Q | 0622O | 0622Q | 0622O | |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 91 | 91 | 90 | 92 | 87 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728
Page 9

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-64 | SC-8-4 | | | | | 06-18-99/10:18 |
| 14052-65 | SC-8-5 | | | | | 06-18-99/10:52 |
| 14052-66 | SC-8-6 | | | | | 06-18-99/11:05 |
| 14052-67 | SC-8-7 | | | | | 06-18-99/11:38 |
| 14052-68 | SC-8-9 | | | | | 06-18-99/12:52 |
| PARAMETER | 14052-64 | 14052-65 | 14052-66 | 14052-67 | 14052-68 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <38 | <73 | <380 | <750 | <370 | |
| Aroclor-1221, ug/kg dw | <77 | <150 | <760 | <1500 | <750 | |
| Aroclor-1232, ug/kg dw | <38 | <73 | <380 | <750 | <370 | |
| Aroclor-1242, ug/kg dw | <38 | <73 | <380 | <750 | <370 | |
| Aroclor-1248, ug/kg dw | 140 | 530 | 1500 | 3200 | 2000 | |
| Aroclor-1254, ug/kg dw | 290 | 1100 | 3100 | 5700 | 3600 | |
| Aroclor-1260, ug/kg dw | 320 | 1000 | 2200 | 5100 | 4300 | |
| Surrogate - TCX | 42 % | 53 % | *F33 | *F33 | *F33 | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.29.99 | 06.26.99 | 06.29.99 | 06.26.99 | |
| Dilution factor | 1.0 | 2.0 | 10.0 | 20.0 | 10.0 | |
| Batch ID | 06220 | 0622Q | 0622Q | 0622Q | 0622Q | |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 87 | 90 | 88 | 88 | 89 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728
Page 10

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|-----------------------|
| 14052-69 | SC-8-8 | | | | 06-18-99/11:58 |
| 14052-70 | SC-8-11 | | | | 06-18-99/12:45 |
| 14052-71 | SC-8-20 | | | | 06-18-99/09:28 |
| 14052-72 | SC-8-10B | | | | 06-18-99/11:07 |
| PARAMETER | 14052-69 | 14052-70 | 14052-71 | 14052-72 | |
| PCB's (8082) | | | | | |
| Aroclor-1016, ug/kg dw | <380 | <1900 | <1800 | <1900 | |
| Aroclor-1221, ug/kg dw | <780 | <3800 | <3700 | <3800 | |
| Aroclor-1232, ug/kg dw | <380 | <1900 | <1800 | <1900 | |
| Aroclor-1242, ug/kg dw | <380 | <1900 | <1800 | <1900 | |
| Aroclor-1248, ug/kg dw | 1100 | 7000 | 6000 | 8400 | |
| Aroclor-1254, ug/kg dw | 2300 | 25000 | 12000 | 16000 | |
| Aroclor-1260, ug/kg dw | 2000 | 14000 | 9100 | 9800 | |
| Surrogate - TCX | *F33 | *F33 | *F33 | *F33 | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.26.99 | 06.29.99 | 06.29.99 | 06.29.99 | |
| Dilution factor | 10.0 | 50.0 | 50.0 | 50.0 | |
| Batch ID | 0622Q | 0622Q | 0622Q | 0622Q | |
| Instrument ID | SGJECD | SGJECD | SGJECD | SGJECD | |
| Percent Solids | 86 | 88 | 90 | 87 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 11

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|----------|-----------------------|
| 14052-37 | 24-10 | | | | | 06-15-99/17:15 |
| 14052-38 | 29-3 | | | | | 06-15-99/09:25 |
| 14052-39 | 26-1 | | | | | 06-15-99/10:40 |
| 14052-40 | 7-2 | | | | | 06-15-99/13:55 |
| 14052-41 | 9-1 | | | | | 06-15-99/14:50 |
| PARAMETER | 14052-37 | 14052-38 | 14052-39 | 14052-40 | 14052-41 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <350 | <76 | <190 | <38 | <35 | |
| Aroclor-1221, ug/kg dw | <720 | <150 | <380 | <77 | <71 | |
| Aroclor-1232, ug/kg dw | <350 | <76 | <190 | <38 | <35 | |
| Aroclor-1242, ug/kg dw | <350 | <76 | <190 | <38 | <35 | |
| Aroclor-1248, ug/kg dw | 550 | 1100 | 1500 | 240 | 130 | |
| Aroclor-1254, ug/kg dw | 2100 | 750 | 1500 | 440 | 130 | |
| Aroclor-1260, ug/kg dw | 2000 | 600 | 930 | 700 | 140 | |
| Surrogate - TCX | *F33 | 45 % | *F33 | 56 % | 62 % | |
| Date Extracted | 06.22.99 | 06.24.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.28.99 | 06.28.99 | 06.25.99 | 06.25.99 | |
| Dilution factor | 10.0 | 2.0 | 5.0 | 1.0 | 1.0 | |
| Batch ID | 0622P | 06240 | 0622P | 0622P | 0622P | |
| Instrument ID | SGKECD | SGKECD | SGKECD | SGKECD | SGKECD | |
| Mercury (7471) | | | | | | |
| Mercury, mg/kg dw | 2.0 | 3.6 | 2.6 | 1.0 | 3.9 | |
| Preparation Date | 06.25.99 | 06.25.99 | 06.25.99 | 06.25.99 | 06.25.99 | |
| Date Analyzed | 06.26.99 | 06.26.99 | 06.26.99 | 06.26.99 | 06.26.99 | |
| Dilution factor | 10 | 20 | 20 | 10 | 20 | |
| Batch ID | 0625T | 0625T | 0625T | 0625T | 0625T | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.saviabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

Page 12

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | | DATE/ TIME SAMPLED |
|----------------|---|----------|----------|----------|----------|-----------------------|
| 14052-37 | 24-10 | | | | | 06-15-99/17:15 |
| 14052-38 | 29-3 | | | | | 06-15-99/09:25 |
| 14052-39 | 26-1 | | | | | 06-15-99/10:40 |
| 14052-40 | 7-2 | | | | | 06-15-99/13:55 |
| 14052-41 | 9-1 | | | | | 06-15-99/14:50 |
| PARAMETER | 14052-37 | 14052-38 | 14052-39 | 14052-40 | 14052-41 | |
| Percent Solids | 93 | 87 | 88 | 87 | 94 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728
Page 13

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | | | | DATE/ TIME SAMPLED |
|------------------------|---|----------|----------|----------|-----------------------|
| 14052-42 | 23-5 | | | | 06-16-99/12:20 |
| 14052-43 | SC-3 | | | | 06-17-99/13:20 |
| 14052-44 | SC-1 | | | | 06-17-99/14:15 |
| 14052-45 | SC-7-4 | | | | 06-17-99/16:40 |
| PARAMETER | 14052-42 | 14052-43 | 14052-44 | 14052-45 | |
| PCB's (8082) | | | | | |
| Aroclor-1016, ug/kg dw | <760 | <720 | <700 | <38 | |
| Aroclor-1221, ug/kg dw | <1500 | <1400 | <1400 | <76 | |
| Aroclor-1232, ug/kg dw | <760 | <720 | <700 | <38 | |
| Aroclor-1242, ug/kg dw | <760 | <720 | <700 | <38 | |
| Aroclor-1248, ug/kg dw | <760 | 3300 | 2200 | 67 | |
| Aroclor-1254, ug/kg dw | 6100 | 15000 | 12000 | 580 | |
| Aroclor-1260, ug/kg dw | 4700 | 6600 | 5400 | 470 | |
| Surrogate - TCX | *F33 | *F33 | *F33 | 51 % | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.28.99 | 06.28.99 | 06.28.99 | 06.25.99 | |
| Dilution factor | 20.0 | 20.0 | 20.0 | 1.0 | |
| Batch ID | 0622P | 0622P | 0622P | 0622P | |
| Instrument ID | SGKECD | SGKECD | SGKECD | SGKECD | |
| Mercury (7471) | | | | | |
| Mercury, mg/kg dw | 0.65 | 0.20 | 0.25 | 0.19 | |
| Preparation Date | 06.25.99 | 06.25.99 | 06.25.99 | 06.25.99 | |
| Date Analyzed | 06.26.99 | 06.26.99 | 06.26.99 | 06.26.99 | |
| Dilution factor | 5.0 | 1.0 | 2.0 | 1.0 | |
| Batch ID | 0625T | 0625T | 0625T | 0625T | |
| Percent Solids | 87 | 92 | 94 | 88 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

Page 14

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , LIQUID SAMPLES | | | DATE/ TIME SAMPLED |
|--------------------|-------------------------------------|----------|----------|-----------------------|
| 14052-73 | SC-R1 | | | 06-17-99/18:20 |
| 14052-74 | SC-R2 | | | 06-18-99/11:38 |
| 14052-75 | SC-R3 | | | 06-18-99 |
| PARAMETER | 14052-73 | 14052-74 | 14052-75 | |
| PCB's (8082) | | | | |
| Aroclor-1016, ug/l | <1.0 | <1.0 | <1.0 | |
| Aroclor-1221, ug/l | <2.0 | <2.0 | <2.0 | |
| Aroclor-1232, ug/l | <1.0 | <1.0 | <1.0 | |
| Aroclor-1242, ug/l | <1.0 | <1.0 | <1.0 | |
| Aroclor-1248, ug/l | <1.0 | <1.0 | <1.0 | |
| Aroclor-1254, ug/l | <1.0 | <1.0 | <1.0 | |
| Aroclor-1260, ug/l | <1.0 | <1.0 | <1.0 | |
| Surrogate - TCX | 55 % | 55 % | 60 % | |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.24.99 | 06.24.99 | 06.24.99 | |
| Dilution factor | 1.0 | 1.0 | 1.0 | |
| Batch ID | 0622R | 0622R | 0622R | |
| Instrument ID | SGNECD | SGNECD | SGNECD | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728
Page 15

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID TIME SAMPLED | | | | | DATE/ |
|------------------------|---|----------|----------|----------|----------|-------|
| 14052-76 | Method Blank | | | | | |
| 14052-77 | Lab Control Standard % Recovery | | | | | |
| 14052-78 | LCS Accuracy Control Limit (%R) | | | | | |
| 14052-88 | Analyst Name (First Initial.Last Name) | | | | | |
| 14052-90 | Method Blank | | | | | |
| PARAMETER | 14052-76 | 14052-77 | 14052-78 | 14052-88 | 14052-90 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <33 | 48 % | 34-138 % | S.Graves | <33 | |
| Aroclor-1221, ug/kg dw | <67 | --- | --- | S.Graves | <66 | |
| Aroclor-1232, ug/kg dw | <33 | --- | --- | S.Graves | <33 | |
| Aroclor-1242, ug/kg dw | <33 | --- | --- | S.Graves | <33 | |
| Aroclor-1248, ug/kg dw | <33 | --- | --- | S.Graves | <33 | |
| Aroclor-1254, ug/kg dw | <33 | --- | --- | S.Graves | <33 | |
| Aroclor-1260, ug/kg dw | <33 | 55 % | 39-138 % | S.Graves | <33 | |
| Surrogate - TCX | 45 % | 57 % | --- | --- | 51 % | |
| Date Extracted | 06.22.99 | 06.22.99 | --- | --- | 06.24.99 | |
| Date Analyzed | 06.25.99 | 06.25.99 | --- | --- | 06.28.99 | |
| Dilution factor | 1.0 | 1.0 | --- | --- | 1.0 | |
| Batch ID | 0622P | 0622P | --- | --- | 0624O | |
| Instrument ID | SGKECD | SGKECD | --- | --- | SGKECD | |
| Mercury (7471) | | | | | | |
| Mercury, mg/kg dw | <0.020 | 85 % | 80-120 % | L.REEVES | --- | |
| Preparation Date | 06.25.99 | 06.25.99 | --- | --- | --- | |
| Date Analyzed | 06.26.99 | 06.26.99 | --- | --- | --- | |
| Dilution factor | 1.0 | 1.0 | --- | --- | --- | |
| Batch ID | 0625T | 0625T | --- | --- | --- | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 16

DATE/

LOG NO SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID TIME SAMPLED

14052-91 Lab Control Standard % Recovery
14052-92 Analyst Name (First Initial.Last Name)

PARAMETER 14052-91 14052-92

PCB's (8082)

| | | |
|------------------------|----------|-----------|
| Aroclor-1016, | 48 % | A.MCNEELY |
| Aroclor-1260, | 53 % | A.MCNEELY |
| Surrogate - TCX | 46 % | --- |
| Date Extracted | 06.24.99 | --- |
| Date Analyzed | 06.28.99 | --- |
| Dilution factor | 1.0 | --- |
| Batch ID | 06240 | --- |
| Instrument ID | SGKECD | --- |
| Aroclor-1221, ug/kg dw | --- | A.MCNEELY |
| Aroclor-1232, ug/kg dw | --- | A.MCNEELY |
| Aroclor-1242, ug/kg dw | --- | A.MCNEELY |
| Aroclor-1248, ug/kg dw | --- | A.MCNEELY |
| Aroclor-1254, ug/kg dw | --- | A.MCNEELY |

Mercury (7471)

SL SAVANNAH LABORATORIES

& ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 17

| LOG NO | SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID | | | | | DATE/ TIME SAMPLED |
|------------------------|--|----------|----------|----------|----------|-----------------------|
| 14052-79 | Method Blank | | | | | |
| 14052-80 | Lab Control Standard % Recovery | | | | | |
| 14052-81 | LCS Accuracy Control Limit (%R) | | | | | |
| 14052-82 | Method Blank | | | | | |
| 14052-83 | Lab Control Standard % Recovery | | | | | |
| PARAMETER | 14052-79 | 14052-80 | 14052-81 | 14052-82 | 14052-83 | |
| PCB's (8082) | | | | | | |
| Aroclor-1016, ug/kg dw | <33 | 120 % | 34-138 % | <33 | 73 % | |
| Aroclor-1221, ug/kg dw | <67 | --- | --- | <67 | --- | |
| Aroclor-1232, ug/kg dw | <33 | --- | --- | <33 | --- | |
| Aroclor-1242, ug/kg dw | <33 | --- | --- | <33 | --- | |
| Aroclor-1248, ug/kg dw | <33 | --- | --- | <33 | --- | |
| Aroclor-1254, ug/kg dw | <33 | --- | --- | <33 | --- | |
| Aroclor-1260, ug/kg dw | <33 | 49 % | 39-138 % | <33 | 54 % | |
| Surrogate - TCX | 67 % | 58 % | --- | 45 % | 49 % | |
| Date Extracted | 06.22.99 | 06.22.99 | --- | 06.22.99 | 06.22.99 | |
| Date Analyzed | 06.29.99 | 06.29.99 | --- | 06.26.99 | 06.26.99 | |
| Dilution factor | 1.0 | 1.0 | --- | 1.0 | 1.0 | |
| Batch ID | 0622Q | 0622Q | --- | 0622Q | 0622Q | |
| Instrument ID | SGJECD | SGJECD | --- | SGJECD | SGJECD | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.saviabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

REPORT OF RESULTS

Page 18

LOG NO SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID DATE/ TIME SAMPLED

14052-84 LCS Accuracy Control Limit (%R)

PARAMETER 14052-84

PCB's (8082)

Aroclor-1016, 34-138 %
Aroclor-1260, 39-138 %

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

LOG NO: S9-14052
Received: 19 JUN 99
Reported: 02 JUL 99
REVISED 28 JUL 99
Client PO. No.: 4503076264

Contract No.: S7219
Project: DREDGE SPOIL AREAS
Sampled By: Client
Code: 174690728

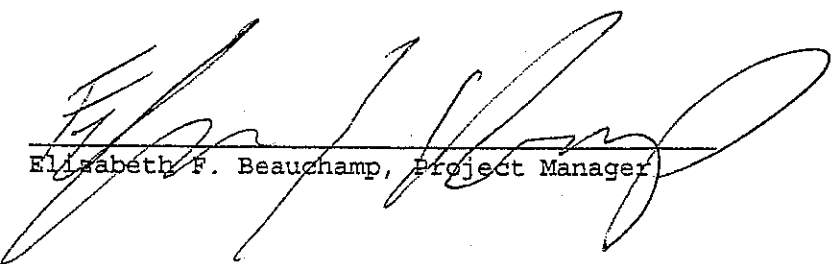
REPORT OF RESULTS

Page 19

| LOG NO | SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES | DATE/ TIME SAMPLED | | |
|--------------------|---|-----------------------|----------|----------|
| 14052-85 | Method Blank | | | |
| 14052-86 | Lab Control Standard % Recovery | | | |
| 14052-87 | LCS Accuracy Control Limit (%R) | | | |
| 14052-89 | Analyst Name (First Initial.Last Name) | | | |
| PARAMETER | 14052-85 | 14052-86 | 14052-87 | 14052-89 |
| PCB's (8082) | | | | |
| Aroclor-1016, ug/l | <1.0 | 84 % | 45-134 % | B.WREN |
| Aroclor-1221, ug/l | <2.0 | --- | --- | B.WREN |
| Aroclor-1232, ug/l | <1.0 | --- | --- | B.WREN |
| Aroclor-1242, ug/l | <1.0 | --- | --- | B.WREN |
| Aroclor-1248, ug/l | <1.0 | --- | --- | B.WREN |
| Aroclor-1254, ug/l | <1.0 | --- | --- | B.WREN |
| Aroclor-1260, ug/l | <1.0 | 92 % | 41-144 % | B.WREN |
| Surrogate - TCX | 55 % | 75 % | 30-150 % | B.WREN |
| Date Extracted | 06.22.99 | 06.22.99 | 06.22.99 | B.WREN |
| Date Analyzed | 06.23.99 | 06.23.99 | 06.23.99 | B.WREN |
| Dilution factor | 1.0 | 1.0 | 1.0 | B.WREN |
| Batch ID | 0622R | 0622R | 0622R | B.WREN |
| Instrument ID | SGNECD | SGNECD | SGNECD | B.WREN |

Methods: EPA SW-846, Update III.

*F33 = Because the sample was diluted prior to analysis, surrogate recoveries are not reported.


Elisabeth F. Beauchamp, Project Manager

Final Page Of Report

☒ 5102 LaRoche Avenue, Savannah, GA 31404
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301
☐ 900 Lakeside Drive, Mobile, AL 36693
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634
☐ 100 Alpha Drive, Suite 110, Dastrehan, LA 70047

17



SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Phone: (912) 354-7858
Phone: (904) 878-3994
Phone: (334) 666-6633
Phone: (813) 885-7427
Phone: (504) 764-1100

5102 LaRoche Avenue, Savannah, GA 31404
2846 Industrial Plaza Drive, Tallahassee, FL 32301
900 Lakeside Drive, Mobile, AL 36693
6712 Benjamin Road, Suite 100, Tampa, FL 33634
100 Alpha Drive, Suite 110, Desirahan, LA 70047

Fax: (912) 352-0165
Fax: (904) 878-9504
Fax: (334) 666-6696
Fax: (813) 885-7049
Fax: (504) 725-1163

| PROJECT REFERENCE | | PROJECT NO. | P.O. NUMBER | REQUIRED ANALYSES | | MATRIX TYPE | PAGE 2 OF 6 | | |
|---|--------------------------|------------------------|--------------|------------------------------|--|---|-------------|--------------------|--|
| Dredge Spoil Areas | | | 4503076264 | | | | | | |
| PROJECT LOG (State) | SAMPLER(S) NAME | PHONE | FAX | | | | | | |
| AL | Jeannette Schlichenmeyer | 281-335-4000 | 281-335-8100 | | | | | | |
| CLIENT NAME | CLIENT PROJECT MANAGER | | | | | | | | |
| Solutia | Jerry Hopper | | | | | | | | |
| CLIENT ADDRESS (CITY, STATE, ZIP) | | 300 Birmingham Highway | | | | | | | |
| Anniston Alabama | | 36201 | | | | | | | |
| SAMPLE | | SL NO | | SAMPLE IDENTIFICATION | | NUMBER OF CONTAINERS SUBMITTED | | REMARKS | |
| DATE | TIME | | | | | | | | |
| 6/15/99 | 09:00 | | | 29-1 | | | | | |
| 6/15/99 | 09:05 | | | 29-2 | | | | | |
| 6/15/99 | 09:25 | | | 29-3 | | | | | |
| 6/15/99 | 09:40 | | | 29-4 | | | | | |
| 6/15/99 | 10:40 | | | 26-1 | | | | | |
| 6/15/99 | 10:35 | | | 26-2 | | | | | |
| 6/15/99 | 13:24 | | | 7-1 | | | | | |
| 6/15/99 | 13:55 | | | 7-2 | | | | | |
| 6/15/99 | 14:50 | | | 9-1 | | | | | |
| 6/15/99 | 14:55 | | | 9-2 | | | | | |
| 6/15/99 | 14:58 | | | 9-20 | | | | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | DATE | |
| [Signature] | | 6/9/99 | | Jeannette Schlichenmeyer | | 6/18/99 | | | |
| RECEIVED BY: (SIGNATURE) | | DATE | TIME | RECEIVED BY: (SIGNATURE) | | DATE | TIME | DATE | |
| Jeannette Schlichenmeyer | | 6/14/99 | | 8095817 128011 FedEx | | | | | |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) | | DATE | TIME | CUSTODY SEAL NO. | | CUSTODY INTACT | | LABORATORY REMARKS | |
| [Signature] | | 6/19/99 | 9:55 | | | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | 59-14052 | |



☐ 5102 LaRoche Avenue, Savannah, GA 31404
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301
☐ 900 Lakeside Drive, Mobile, AL 36693
☐ 7172 Benjamin Road, Suite 100, Tampa, FL 33634
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047

Phone: (912) 354-7858 Fax: (912) 352-0165
Phone: (904) 878-3994 Fax: (904) 878-9504
Phone: (334) 666-6633 Fax: (334) 666-6696
Phone: (813) 885-7427 Fax: (813) 885-7049
Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

| PROJECT REFERENCE | | PROJECT NO. | | P.O. NUMBER | MATRIX TYPE | REQUIRED ANALYSES | | PAGE 3 OF 6 |
|-----------------------------------|-----------------------|---|--------------|--------------------------------|-------------|---|------|--|
| PROJECT LOC. | | SAMPLER(S) NAME | | PHONE | | | | |
| (State) | | | | FAX | | | | |
| CLIENT NAME | | CLIENT PROJECT MANAGER | | | | | | |
| CLIENT ADDRESS (CITY, STATE, ZIP) | | SAMPLE IDENTIFICATION | | NUMBER OF CONTAINERS SUBMITTED | | REMARKS | | |
| Solutia | Jeanette Schlicherman | Terry Hopper | 281-335-4000 | 281-335-8600 | PCB | | | STANDARD REPORT DELIVERY <input checked="" type="checkbox"/> EXPEDITED REPORT DELIVERY (surcharge) Date Due: |
| Dredge Spoil Areas | AL | 300 Birmingham Highway Anniston, AL 36201 | DATE | TIME | SL NO | DATE | TIME | |
| | | | 6/16/99 | 09:15 | | 23-1 | | |
| | | | 6/16/99 | 09:25 | | 23-2 | | |
| | | | 6/16/99 | 11:05 | | 23-3 | | |
| | | | 6/16/99 | 10:55 | | 23-4 | | |
| | | | 6/16/99 | 11:05 | | 23-5 | | |
| | | | 6/16/99 | 12:45 | | 23-6 | | |
| | | | 6/17/99 | 08:15 | | SC-4-1 | | |
| | | | 6/17/99 | 09:20 | | SC-4-2 | | |
| | | | 6/17/99 | 09:00 | | SC-5-1 | | |
| | | | 6/17/99 | 09:55 | | SC-5-2 | | |
| | | | 6/17/99 | 10:58 | | SC-6-1 | | |
| | | | 6/17/99 | 10:50 | | SC-6-2 | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | |
| RECEIVED BY: (SIGNATURE) | | DATE | TIME | RECEIVED BY: (SIGNATURE) | | DATE | TIME | |
| LABORATORY USE ONLY | | CUSTODY SEAL NO | | SL LOG NO | | LABORATORY REMARKS | | |
| FOR LABORATORY BY: (SIGNATURE) | | DATE | TIME | CUSTODY INTACT | | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | |
| 6/16/99 | | 9:55 | | | | 57-14052 | | |



SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

5102 LaRoche Avenue, Savannah, GA 31404
Phone: (912) 352-0165
Fax: (912) 354-7858
2846 Industrial Plaza Drive, Tallahassee, FL 32301
Phone: (904) 878-3994
Fax: (904) 878-9504
900 Lakeside Drive, Mobile, AL 36693
Phone: (334) 666-6633
Fax: (334) 666-6696
6712 Benjamin Road, Suite 100, Tampa, FL 33634
Phone: (813) 885-7427
Fax: (813) 885-7049
100 Alpha Drive, Suite 110, Destrehan, LA 70047
Phone: (504) 764-1100
Fax: (504) 725-1163

| PROJECT REFERENCE | | PROJECT NO. | P.O. NUMBER | | | |
|--|-------------------------|-----------------------|--|---|------------------|------------|
| Wrecks Spoil Areas | | | 4503070264 | | | |
| PROJECT LOC. (State) | SAMPLER(S) NAME | PHONE | FAX | | | |
| AL | Jeanette Schlichenmeyer | 281-335-4000 | 281-335-8000 | | | |
| CLIENT NAME | CLIENT PROJECT MANAGER | | | | | |
| Solutia | Jerry Hopper | | | | | |
| CLIENT ADDRESS (CITY, STATE, ZIP) | | | | | | |
| 300 Birmingham Highway Anniston AL 36201 | | | | | | |
| SAMPLE | SL NO. | SAMPLE IDENTIFICATION | MATRIX TYPE | REQUIRED ANALYSES | PAGE 4 OF 4 | |
| DATE | TIME | | | | | |
| 6/17/99 | 13:20 | SC-3 | NON-AQUEOUS LIQUID (oil, solvent, etc) | Mercury | | |
| 6/17/99 | 14:15 | SC-1 | AIR | | | |
| 6/17/99 | 14:20 | SC-7-1 | SOLID OR SEMISOLID | | | |
| 6/17/99 | 14:30 | SC-7-2 | AQUEOUS (WATER) | | | |
| 6/17/99 | 14:35 | SC-7-3 | | | | |
| 6/17/99 | 14:40 | SC-7-4 | | | | |
| 6/17/99 | 17:20 | SC-7-5 | | | | |
| 6/17/99 | 17:30 | SC-7-6 | | | | |
| 6/17/99 | 17:40 | SC-7-7 | | | | |
| 6/17/99 | 18:10 | SC-7-8 | | | | |
| 6/17/99 | 18:15 | SC-7-9 | | | | |
| 6/17/99 | 18:20 | SC-R1 | | | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | RELINQUISHED BY: (SIGNATURE) | DATE | TIME |
| D. C. ... | | 6/17/99 | | | | |
| RECEIVED BY: (SIGNATURE) | | DATE | TIME | RECEIVED BY: (SIGNATURE) | DATE | TIME |
| Jeanette Schlichenmeyer | | 6/17/99 | 9:55 | | | |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) | | DATE | TIME | CUSTODY INTACT | CUSTODY SEAL NO. | SL LOG NO. |
| ... | | 6/17/99 | 9:55 | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | 89-14052 |
| LABORATORY USE ONLY | | | | | | |
| LABORATORY REMARKS | | | | | | |

SAVANNAH LABORATORY COPY

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Phone: (912) 354-7858
 Phone: (904) 878-3994
 Phone: (334) 666-6633
 Phone: (813) 885-7427
 Phone: (504) 764-1100

5102 LaRoche Avenue, Savannah, GA 31404
 2846 Industrial Plaza Drive, Tallahassee, FL 32301
 900 Lakeside Drive, Mobile, AL 36693
 6712 Benjamin Road, Suite 100, Tampa, FL 33634
 100 Alpha Drive, Suite 110, Destrehan, LA 70047

Fax: (912) 352-0165
 Fax: (904) 878-9504
 Fax: (334) 666-6636
 Fax: (813) 885-7049
 Fax: (504) 725-1163

| PROJECT REFERENCE | | PROJECT NO. | P.O. NUMBER | REQUIRED ANALYSES | | MATRIX TYPE | PAGES | OF |
|---|-------|--------------------------|--------------|------------------------------|--|--------------------------------|--------------------|----|
| Dredge Spoil Areas | | | 4503076264 | | | | 5 | 6 |
| PROJECT LOG# | | SAMPLER(S) NAME | PHONE | | | | | |
| AL | | Jeannette Schlichenmayer | 281-335-4000 | | | | | |
| CLIENT NAME | | CLIENT PROJECT MANAGER | | | | | | |
| Solutia | | Jerry Hopper | | | | | | |
| CLIENT ADDRESS (CITY, STATE, ZIP) | | | | | | | | |
| 300 Birmingham Highway | | Anniston AL 36201 | | | | | | |
| SAMPLE | DATE | TIME | SL NO | SAMPLE IDENTIFICATION | | NUMBER OF CONTAINERS SUBMITTED | | |
| 6/18/99 | 09:30 | | | SC-8-1 | | 1 | | |
| 6/18/99 | 09:25 | | | SC-8-2 | | 1 | | |
| 6/18/99 | 10:00 | | | SC-8-3 | | 1 | | |
| 6/18/99 | 10:18 | | | SC-8-4 | | 1 | | |
| 6/18/99 | 10:53 | | | SC-8-5 | | 1 | | |
| 6/18/99 | 11:05 | | | SC-8-6 | | 1 | | |
| 6/18/99 | 11:38 | | | SC-8-7 | | 1 | | |
| 6/18/99 | 12:52 | | | SC-8-8 | | 1 | | |
| 6/18/99 | 11:58 | | | SC-8-9 | | 1 | | |
| 6/18/99 | 12:45 | | | SC-8-10 | | 1 | | |
| 6/18/99 | 11:38 | | | SC-8-11 | | 1 | | |
| 6/18/99 | | | | SC-8-12 | | 1 | | |
| 6/18/99 | | | | SC-8-13 | | 1 | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | RELINQUISHED BY: (SIGNATURE) | | DATE | TIME | |
| S. (Signature) | | 6/18/99 | | Jeannette Schlichenmayer | | 6/18/99 | | |
| RECEIVED BY: (SIGNATURE) | | DATE | TIME | RECEIVED BY: (SIGNATURE) | | DATE | TIME | |
| Jeannette Schlichenmayer | | 6/18/99 | | 809587128011 | | | | |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) | | DATE | TIME | CUSTODY SEAL NO. | | SL LOG NO. | LABORATORY REMARKS | |
| S. (Signature) | | 6/18/99 | 9:35 | | | 39-14072 | | |

SAVANNAH LABORATORY COPY



Phone: (912) 354-7858
Phone: (904) 878-3994
Phone: (334) 666-6633
Phone: (813) 885-7427
Phone: (504) 764-1100
Fax: (912) 332-0165
Fax: (904) 878-9504
Fax: (334) 666-6696
Fax: (813) 885-7049
Fax: (504) 725-1163

[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

LOG NO: S9-15509
Received: 18 AUG 99
Reported: 23 AUG 99

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

Contract No.: S7219
Project: DREDGE SOIL PILES/SC-8-1
Sampled By: Client
Code: 175990823

Page 1

REPORT OF RESULTS

| LOG NO | SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES | DATE/ TIME SAMPLED |
|-------------------|---|-----------------------|
| 15509-1 | SC-8-1 | 08-17-99 |
| PARAMETER | 15509-1 | |
| Mercury (7471) | | |
| Mercury, mg/kg dw | 0.27 | |
| Preparation Date | 08.19.99 | |
| Date Analyzed | 08.19.99 | |
| Dilution factor | 1.0 | |
| Batch ID | 0819R | |
| Percent Solids | 89 | |

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

5102 LaRoche Avenue • Savannah, GA 31404 • (912) 354-7858 • Fax (912) 352-0165 • www.savlabs.com

LOG NO: S9-15509
Received: 18 AUG 99
Reported: 23 AUG 99

Mr. Jerry Hopper
Solutia Inc.
300 Birmingham Highway
Anniston, AL 36201

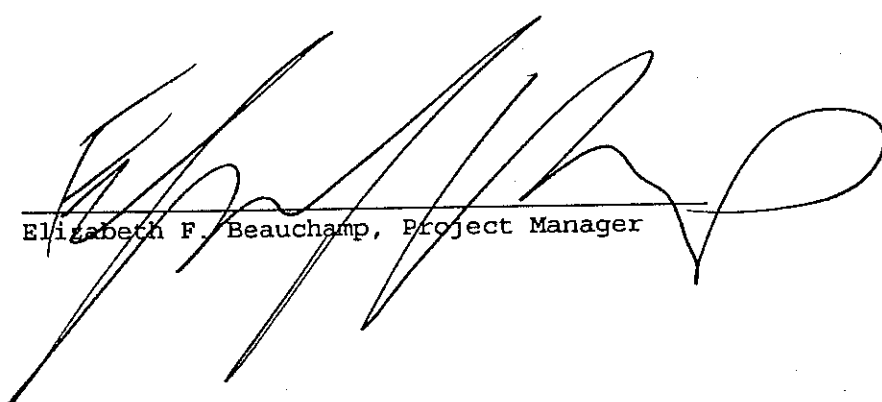
Contract No.: S7219
Project: DREDGE SOIL PILES/SC-8-1
Sampled By: Client
Code: 175990823

REPORT OF RESULTS

Page 2

| REPORT OF RESULTS | | DATE/ | | |
|-------------------|--|--------------|----------|---------|
| LOG NO | SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID | TIME SAMPLED | | |
| 15509-2 | Method Blank | | | |
| 15509-3 | Lab Control Standard % Recovery | | | |
| 15509-4 | LCS Accuracy Control Limit (%R) | | | |
| 15509-5 | User Specified | | | |
| PARAMETER | 15509-2 | 15509-3 | 15509-4 | 15509-5 |
| Mercury (7471) | | | | |
| Mercury, mg/kg dw | <0.020 | 87 % | 80-120 % | BJB |
| Preparation Date | 08.19.99 | 08.19.99 | --- | --- |
| Date Analyzed | 08.19.99 | 08.19.99 | --- | --- |
| Dilution factor | 1.0 | 1.0 | --- | --- |
| Batch ID | 0819R | 0819R | --- | --- |

Methods: EPA SW-846, Update III.


Elizabeth F. Beauchamp, Project Manager

Final Page Of Report

~~MONDAY~~

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

U.S. DEPT. OF JUSTICE

Laboratory Savannah Labs

~~Sample(s)~~ 5C-8-1

| SAMPLE BOTTLE / CONTAINER DESCRIPTION | |
|--|-----------|
| SC-8-1 | 17 Aug 99 |
| Soil - unpreserved in clear glass Mercuric | |
| TOTAL | |

| | | | |
|--|--------------------------------------|--|-------------------------|
| Relinquished to: <u>Samuel J. Jensen</u> | Organization: <u>HCS Engineering</u> | Date: <u>8/17/99</u> Time: <u>1325</u> | Seal Intact? <u>N/A</u> |
| Received by: <u>Samuel J. Jensen</u> | Organization: <u>Solutec, Inc.</u> | Date: <u>8/17/99</u> Time: <u>1325</u> | Yes <u>No</u> |
| Relinquished by: <u>Samuel J. Jensen</u> | Organization: <u>Solutec, Inc.</u> | Date: <u>8/17/99</u> Time: <u>1630</u> | Seal Intact? <u>N/A</u> |
| Received by: <u>Samuel J. Jensen</u> | Organization: <u>Solutec, Inc.</u> | Date: <u>8/18/99</u> Time: <u>9100</u> | Yes <u>No</u> |
| Special Instructions/Remarks: <u>5 sample taken 17 Aug 99 1030X Analyses for Mercury</u> | | | |

4
2
2

Delivery Method: ☐ In Person ☒ Common Carrier *Federal Express*
812653218173 SPECIFY
☐ Lab Courier ☐ Other *5915509*
SPECIFY

APPENDIX C

DATA VALIDATION CALCULATIONS

CLIENT/PROJECT Solutia - Anniston Offsite
 BY MNS DATE 8-5-99
 CHECKED BY JLS DATE 8/17/99
 DESCRIPTION Data Validation

PAGE 1 OF 1
 PROJECT NO. 06638T04

Duplicate Comparisons

Sample ID.

| | 24-2 (ppb) | 24-20 (ppb) |
|--------|------------|-------------|
| A-1016 | < 180 | < 830 |
| A-1221 | < 360 | < 1700 |
| A-1232 | < 180 | < 830 |
| A-1242 | < 180 | < 830 |
| A-1248 | 590 | 1200 |
| A-1254 | 1600 | 2500 |
| A-1260 | 1500 | 2600 |

Moisture (%) 8

21

A-1248
 $x = 24-2$
 $y = 24-20$

$$\frac{(590 - 1200)}{([590 + 1200] / 2)} \times 100 = Z$$

$$100 \times \frac{610 \checkmark}{895 \checkmark} = 68.2$$

$$68.2\% = Z$$

Data qualifies as qualitative

$100\% > Z > 60\%$ - Samples diluted

Dilution factors

24-2 5.0

24-20 20.0

$$\frac{A-1254}{96 \checkmark} = \frac{900 \checkmark}{2050 \checkmark} \times 100$$

$$= 43.9\% \checkmark$$

Data - Quantitative

< 60%

$$\frac{A-1260}{\checkmark} = \frac{1100 \checkmark}{2050 \checkmark} \times 100 \checkmark$$

$$= 53.7\% < 60\%$$

Data - Quantitative

CLIENT/PROJECT Solutra - Anniston Offsite
 BY MNS DATE 8-5-99
 CHECKED BY JLS DATE 8/17/99
 DESCRIPTION Data Validation

PAGE 1 OF 1
 PROJECT NO. 06638T04

Duplicate Samples

SC-8-2 (ppb)

SC-8-20 (ppb)

A-1016 <1800
 A-1221 <3600
 A-1232 <1800
 A-1242 <1800
 A-1248 6200
 A-1254 13000
 A-1260 9500

<1800
 <3700
 <1800
 <1800
 6000
 12000
 9100

Moisture 8%

10%

Dilution factor 50.0

50.0

$$\boxed{A-1248} = \frac{200 \text{ V}}{6100 \text{ V}} \times 100 = 3.3\% < 6.0\% \checkmark$$

Data - Quantitative

$$\boxed{A-1254} = \frac{1000 \text{ V}}{12500 \text{ V}} \times 100 = 8\% \checkmark$$

Data - Quantitative

$$\boxed{A-1260} = \frac{400 \text{ V}}{9300 \text{ V}} \times 100 = 4.3\% \checkmark$$

Data - Quantitative

CALCULATION FORM

CLIENT/PROJECT Solutia - Anniston Offsite
 BY MNS

CHECKED BY JLS DATE 8-5-99
 DATE 8/17/99

PAGE 1 OF 1
 PROJECT NO. 06638704

DESCRIPTION Data Validation

Duplicate Comparisons

| Sample ID | 9-2 (ppb) | 9-20 (ppb) |
|-----------|--------------|---------------|
| A-1016 | | |
| A-1221 | <36 | <35 |
| A-1232 | <72 | <71 |
| A-1242 | <36 | <35 |
| A-1248 | <36 | <35 |
| A-1254 | 62 | 83 |
| A-1260 | 110 | 140 |
| | 130 | 190 |

Moisture % 8 6

Samples Not diluted

A-1248

$$= \frac{21 \text{ V}}{72.5 \text{ V}} \times 100 = 30.0\% \checkmark < 60\%$$

Data - Quantitative

A-1254

$$= \frac{30 \text{ V}}{125 \text{ V}} \times 100 = 24\% \checkmark$$

Data - Quantitative

A-1260

$$= \frac{60 \text{ V}}{160 \text{ V}} \times 100 = 37.5\% \checkmark$$

Data - Quantitative

APPENDIX C

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT, FEBRUARY 2010



Solutia Inc.

702 Clydesdale Avenue

Anniston, Alabama 36201-5328

Tel/ 256-231-8400

February 5, 2010

Ms. Pamela J. Langston Scully, P.E.
Remedial Project Manager
United States Environmental Protection Agency Region IV
Atlanta Federal Center
61 Forsyth St., S.W.
Atlanta, GA 30303

**Re: Snow Creek Sediment Removal Action Completion Report
Anniston PCB Site (Docket No. CV-02PT-0749-E)
Anniston, Alabama**

Dear Ms. Langston Scully:

On behalf of Pharmacia Corporation and Solutia Inc. (P/S), as parties to the Partial Consent Decree (PCD) for the Anniston Polychlorinated Biphenyl (PCB) Site, please find enclosed eight hard copies and 10 electronic copies of the *Snow Creek Sediment Removal Action Completion Report*. This document details the sediment removal work completed during November 2009 in a portion of Snow Creek in conjunction with the City of Anniston's Flood Control Project. All such work was conducted in accordance with Section VI, Paragraph 7 of the Administrative Order on Consent for Removal Action (Exhibit C to the PCD). If you should have any questions or need additional information, please do not hesitate to contact me at (256) 231-8404.

Sincerely,

A handwritten signature in blue ink, appearing to read "E. Macolly", is written over a horizontal line.

E. Gayle Macolly
Manager, Remedial Projects

enclosures: 8 hard copies, 10 electronic copies

cc: Mr. Jeffery W. Kitchens (ADEM)
Mr. G. Douglas Jones, Esquire (Haskell Slaughter Young & Redicker, LLC)
Mr. Thomas Dahl (Dahl Environmental Associates)



Snow Creek Sediment Removal Action Completion Report

Anniston PCB Site
Docket No. CV-02-PT-0749-E

February 2010



**SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT
ANNISTON PCB SITE
(DOCKET NO. CV-02-PT-0749-E)**

February 2010

Revision 0

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

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

CONTENTS

| | |
|---|----------|
| 1.0 INTRODUCTION..... | 1 |
| 2.0 SNOW CREEK SEDIMENT REMOVAL ACTIVITIES | 3 |
| 2.1 Proposed Scope of Work..... | 3 |
| 2.2 Actual Work Performed | 5 |
| 3.0 INSPECTION AND SAMPLING ACTIVITIES | 9 |

TABLES

1. Waste Disposal Summary
2. Ambient Air Monitoring Data
3. Snow Creek Turbidity Monitoring Data

FIGURES

1. Site Location Map

APPENDICES

- A. Project Scope of Work and Associated Approval Correspondence
- B. Daily Construction Reports
- C. Photographic Log of Construction Activities
- D. Residual Sediment Sampling Report
- E. Waste Manifest Forms

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

1.0 INTRODUCTION

The City of Anniston, Alabama (City) identified a need to remove accumulated sediments from a reach of Snow Creek (Creek) located between Pine Street and Glen Addie Avenue as part of its efforts to improve stream flow and reduce flooding potential in this area of the City. The proposed work is located within the footprint of Operable Unit 1/Operable Unit 2 of the Anniston PCB Site. The general location of the area of interest is shown on Figure 1. Previous environmental studies conducted in this reach of the Creek indicated the presence of polychlorinated biphenyl (PCB) compounds in Creek sediments and in three Dredge Spoil Areas (Dredge Spoil Areas 4, 5 and 6) located along the southern bank of the Creek in this area.

Given the potential for release of PCBs associated with the City's desired removal activities, Solutia Inc. and Pharmacia Corporation (P/S) met with the City to develop an appropriate scope of work and associated controls. During this meeting, it was agreed that the proposed scope of work would be expanded to include removal of the three Dredge Spoil Areas. While the City Public Works Department intended to self-perform the work, it was decided that the desired technical approach would be for P/S to provide direct support to:

- Address removal of sediments containing PCBs at concentrations greater than 50 milligrams per kilogram (mg/kg);
- Provide for off-site disposal of all PCB-containing sediments removed; and
- Provide construction and management of soil and sediment erosion controls to prevent downstream release.

P/S subsequently developed a proposed Scope of Work for review by the City. Following the City's review and approval, the Scope of Work was submitted to the United States Environmental Protection Agency (USEPA) for approval in correspondence dated October 5, 2009. In correspondence dated October 29, 2009, the USEPA confirmed that the proposed removal work could be performed as part of P/S's response obligations under the Partial Consent Decree (PCD) entered by the

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

United States District Court for the Northern District of Alabama on August 4, 2003 (Docket No. CV-02-PT-0749-E). The USEPA subsequently approved the proposed scope of work following the addition (Amendment No. 1) of a provision to collect post-removal composite samples from underlying residuals for analysis for PCBs for characterization and documentation purposes.

The proposed removal work commenced on November 16, 2009 and was completed on November 18, 2009. Post-removal composite sampling of residual materials was completed on November 19, 2009. All work was performed under the oversight of the USEPA. This report documents the scope of work performed, provides the results of monitoring and sampling activities, and provides copies of all off-site disposal records.

Section 1.0 of this report is an introduction presenting an overview of the project and its components. Section 2.0 describes the scope of work performed and describes any deviations from the approved plans. Section 3.0 presents the results of air monitoring, surface water monitoring and post-removal sediment sampling activities. Monitoring and sampling results are also presented in tabular form. Appendices include copies of the approved scope of work, daily construction reports, a photographic log of construction activities, residual sediment sampling report, and waste manifests.

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

2.0 SNOW CREEK SEDIMENT REMOVAL ACTIVITIES

2.1 Proposed Scope of Work

The *City of Anniston, Alabama Snow Creek Sediment Removal Scope of Work*, as amended (Appendix A [SOW]), defines the specific work to be performed, outlines the roles and responsibilities of the City and P/S, and provides additional details regarding each removal area and pre-characterization data previously collected. The purpose of the Snow Creek sediment removal activities was to remove accumulated sediments in the previously identified areas employing methods that would minimize the potential for any impact to downstream waterways.

P/S were responsible for:

- Installing and operating sediment and surface water controls;
- Performing turbidity testing of surface water and dust monitoring of air to ensure effectiveness of controls;
- Removing any sediments containing greater than 50 mg/kg of PCBs (limited to western half of Dredge Spoil Area 5) with subsequent placement in lined roll-off box;
- Transporting and disposing of all removed sediments at approved off-site locations;
- Providing City workers with disposable booties and coveralls and decontaminating City equipment upon completion; and
- Preparing a report documenting the removal action activities.

The City was responsible for:

- Acquiring access at designated removal areas to allow for the performance of the planned work;
- Clearing brush and overgrowth from the proposed removal areas prior to the commencement of work;

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

- Providing equipment and labor to remove sediments from defined areas containing less than 50 mg/kg PCBs for subsequent placement in trucks or roll-off boxes provided by P/S; and
- Re-establishing vegetative cover on the Creek bank and Creek bank walls, or equivalent protection as deemed appropriate by the City.

Prior to the commencement of work, sediment and surface water controls were to be constructed including placement of hay bales and/or jute and silt fence as necessary to prevent sedimentation. Routine monitoring to be performed included daily upstream and downstream turbidity testing of the Creek and dust monitoring of the work area. If downstream turbidity testing results exceeded upstream readings by a factor of 10, all work was to be temporarily suspended to provide an opportunity to re-evaluate the effectiveness of controls. Similarly, if dust monitoring using a respirable dust monitor indicated a sustained reading of 0.5 milligrams per cubic meter for more than two minutes, work would be suspended while dust control practices and engineering controls were re-evaluated.

P/S were to provide construction oversight for the project and convene daily safety meetings to review the intended scope of work and emphasize the importance of maintaining sediment and surface water controls. All materials removed, including decontamination control materials and personal protective equipment, were to be disposed off site at an appropriate landfill. Materials containing less than 50 mg/kg PCBs were to be transported and disposed at Waste Management's Three Corners Landfill (Subtitle D, Municipal Waste Landfill) located in Piedmont, Alabama. Sediments containing greater than 50 mg/kg PCBs were to be transported and disposed at Chemical Waste Management's Toxic Substances and Control Act (TSCA) Landfill in Emelle, Alabama.

Following removal of the sediments and Dredge Spoil Areas, P/S were to collect representative composite samples from each removal area. A single composite sample was to be collected from residual soil/sediment underlying each removal area, with the

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

exception of Dredge Spoil Area 5 where two samples were to be collected in order to segregate greater and less than 50 mg/kg PCB concentration material. All samples were to be analyzed for PCBs using immunoassay field screening test methods (USEPA Method 4020).

Photographs of all work performed were to be taken daily. Following completion of the SOW, work activities performed were to be documented in a completion report which would include all testing results, photographs, daily construction logs, and manifests.

2.2 Actual Work Performed

Taylor Corporation (Taylor) was selected as the contractor to perform the work on behalf of P/S. Williams Service provided construction management oversight of the work on behalf of P/S, and the USEPA provided agency oversight of all work outlined in the SOW. Genesis Project, Inc. (Genesis) was selected by P/S to perform post-removal sampling and analysis tasks.

On November 6 and 9, 2009, Williams Service took receipt of hazardous waste roll-off boxes from Action Resources, Inc. for potential use on the project. Mobilization of equipment and associated work did not occur, however, until November 16, 2009 due to inclement weather associated with Hurricane Ida.

On November 16, 2009, Taylor mobilized mechanical equipment, testing equipment, and materials to the site. Upon arrival at the site, a safety kick-off meeting regarding the use of personal protective equipment appropriate for the handling of PCBs and watching out for each other was convened. Dredge Spoil Areas 4, 5 and 6 were located and staked out so that Taylor Land Surveying could survey in and mark the locations. Sediment and surface water controls consisting of perimeter hay bales and silt fence were then placed around the Dredge Spoil Areas to be removed, and an air monitor was placed in the proposed work area. Dredge Spoil Area 6 and the eastern portion of Dredge Spoil Area 5 were subsequently removed and loaded directly into tri-axle

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

dump trucks provided by Taylor and transported to Three Corners Landfill. Both of these dredge spoil areas contained less than 50 mg/kg PCBs based on pre-characterization data (Appendix A). Additionally, Williams Service met with the City personnel to prepare for the arrival of the City's equipment on November 17, 2009.

Prior to the recommencement of work on November 17, 2009, a safety meeting was held to discuss trips, slips, and falls due to wet conditions. Work commenced with the receipt and placement of approximately eight loads of 24-modified stone and fabric for construction of access roads to provide access for the City to the edges of the Creek bank. In addition, hay bales and silt fence were placed across the Creek for sediment control purposes. Following the installation of the access roads and sediment controls, City personnel began sediment removal activities (less than 50 mg/kg PCBs) on the north side of the Creek. Taylor completed the removal of the western half of Dredge Spoil Area 5 (greater than 50 mg/kg PCBs) and placed the material into hazardous waste roll-off box A-1 which was then transported to and staged at a designated hazardous waste storage area on Solutia Inc. property. Taylor also completed removal of Dredge Spoil Area 4 (less than 50 mg/kg PCBs). The City completed its work on the northern portion of the Creek at approximately 4 pm. Soils comprising Dredge Spoil Area 4 and the sediments removed from the north side of the Creek were placed directly into tri-axle dump trucks provided by Taylor and transported to Three Corners Landfill. Disturbed areas were seeded and mulched prior termination of work for the day.

On November 18, 2009 a safety meeting about traffic controls in congested areas was held prior to the recommencement of work. Taylor arrived at the site and began to deploy additional silt fence with hay bales to allow the City to begin sediment removal activities on the south side of the Creek. A load of "crusher run" was also received and distributed across the site by Taylor. A manhole and drainage cross pipe located on the south side of the Creek were sandbagged and graveled prior to removal of a tree stump located in the Creek. Sediment removal was completed by the City at noon Central Time. All sediments removed were placed directly into tri-axle dump trucks provided

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

by Taylor and transported to Three Corners Landfill, with the exception of sediments and debris placed into two non-hazardous roll-off boxes supplied by Taylor. All equipment was decontaminated on site on a gravel pad using wire brushes and approved for removal from the site by USEPA oversight personnel. All outside carriers reported to Taylor's headquarters for decontamination at approximately 2:00 p.m. Central Time as witnessed by Williams Service. The site was inspected prior to demobilization, and placement of seed and mulch on disturbed locations was confirmed. Decontamination materials and personal protective equipment were placed in a non-hazardous roll-off box for proper disposal. Additionally, silt fences, hay bales, and other sediment and surface water management controls were removed from the Creek and placed in a non-hazardous roll-off box for proper disposal.

Taylor Land Surveying restaked the corners of removed Dredge Spoil Areas 4, 5 and 6 on November 19, 2009 to identify sampling areas for Genesis.

On November 20, 2009, two of the four non-hazardous roll-off boxes were delivered to Three Corners Landfill for disposal. The remaining two non-hazardous roll-off boxes were delivered to Three Corners Landfill on November 23, 2009. The A-1 hazardous waste roll-off box was transported to Chemical Waste Management's TSCA Landfill in Emelle, Alabama on November 23, 2009. A total of 404.81 tons of non-hazardous waste containing sediments and other debris with PCB concentrations below 50 mg/kg were disposed at Waste Management's Three Corners Landfill in Piedmont, Alabama. A total of 11.70 tons of sediments (western half of Dredge Spoil Area 5) containing PCBs at concentrations greater than 50 mg/kg were disposed at Chemical Waste Management's TSCA Landfill in Emelle, Alabama. A summary of waste disposal activities is provided in Table 1, and copies of waste manifest forms are provided in Appendix E.

There were no significant deviations from the approved SOW. Copies of daily construction reports are included as Appendix B, and a photographic log of

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

construction activities is provided in Appendix C. Monitoring and sampling activities are described in the next section.

3.0 MONITORING AND SAMPLING ACTIVITIES

Monitoring and sampling activities performed during the removal action included ambient air monitoring, surface water turbidity testing and post-excavation, composite sampling of removal areas. Air monitoring was performed continuously during the performance of work using a Thermo Electron Corporation MIE DataRAM 4, Model DR-4000 real-time particulate monitor. There were no measured exceedances of the 0.5 milligrams per cubic meter action level established for the site. Ambient air monitoring data are summarized in Table 2. Turbidity testing of surface water was conducted at regular intervals on a daily basis at locations upstream and downstream from the location of the work being performed using a HF scientific, inc model DRT-15CE portable turbidimeter. Downstream testing results never exceeded upstream readings by more than a factor of 1.6 (factor of 10 established as control limit). Turbidity testing data are presented in Table 3.

On November 19, 2009, Genesis completed post-excavation soil and sediment sampling at the site. The purpose of the sampling was to characterize residuals that were not removed as part of the removal action. Prior to sampling, the dredge spoil footprints were identified and labeled (i.e., EX-SC-4, EX-SC-5-1, EX-SC-5-2, and EX-SC-6). Three-point composite soil samples were subsequently collected from each location at a depth of 0 to 3 inches. In addition to these samples, five-point composite sediment samples were collected from 0 to 3 inches from the northern and southern bank removal areas (i.e., EX-NS-1 and EX-SS-1). All of the samples were subsequently field screened for PCBs using USEPA Method 4020. A copy of the Genesis sampling report, including a figure showing the sampling locations and a table summarizing the results, is provided in Appendix D.

Foundry fill was routinely observed during performance of the Snow Creek Removal Action work. Observed foundry fill included multi-colored sands, spent coke, slag, assorted metals and a wide variety of refractive debris. Representative samples were collected and logged for possible future analyses. The extensive presence of foundry

SNOW CREEK SEDIMENT REMOVAL ACTION COMPLETION REPORT

Anniston PCB Site, Anniston, Alabama

fill suggests that other potential responsible parties exist for PCB-impacts to sediments in and along Snow Creek. Photographs of foundry materials observed are included in the photographic log presented in Appendix C.

Table 1
Snow Creek Sediment Removal Action
Waste Disposal Summary

| Waste Type | Manifest Number | Container | Date | Tons |
|-------------------|------------------------|------------------|-------------|---------------|
| Non-Hazardous | 11047014 | Dump Truck | 11/16/09 | 15.25 |
| | 11047015 | Dump Truck | 11/16/09 | 9.01 |
| | 11047020 | Dump Truck | 11/17/09 | 18.77 |
| | 11047016 | Dump Truck | 11/17/09 | 19.37 |
| | 11047018 | Dump Truck | 11/17/09 | 19.93 |
| | 11047019 | Dump Truck | 11/17/09 | 20.62 |
| | 11047027 | Dump Truck | 11/17/09 | 19.41 |
| | 11047026 | Dump Truck | 11/17/09 | 21.53 |
| | 11047025 | Dump Truck | 11/17/09 | 21.00 |
| | 11047024 | Dump Truck | 11/17/09 | 20.21 |
| | 11047022 | Dump Truck | 11/17/09 | 18.55 |
| | 11047028 | Dump Truck | 11/18/09 | 18.03 |
| | 11047023 | Dump Truck | 11/18/09 | 22.59 |
| | 11047021 | Dump Truck | 11/18/09 | 19.38 |
| | 11047029 | Dump Truck | 11/18/09 | 16.71 |
| | 11047030 | Dump Truck | 11/18/09 | 19.03 |
| | 11047053 | Dump Truck | 11/18/09 | 19.10 |
| | 11047052 | Dump Truck | 11/18/09 | 19.33 |
| | 11047051 | Dump Truck | 11/18/09 | 8.17 |
| | 11047050 | Dump Truck | 11/18/09 | 19.78 |
| | 11047046 | Roll-Off Box | 11/20/09 | 2.36 |
| | 11047047 | Roll-Off Box | 11/20/09 | 15.54 |
| | 11047048 | Roll-Off Box | 11/23/09 | 18.49 |
| | 11047049 | Roll-Off Box | 11/23/09 | 2.65 |
| | Total Non-Hazardous | | | 404.81 |
| TSCA Regulated | 001075869 | Roll-Off Box | 11/23/09 | 11.70 |
| | Total TSCA Regulated | | | 11.70 |

Notes:

1. Non-Hazardous material disposed at Waste Management's Three Corners Landfill in Piedmont, Alabama.
2. TSCA regulated material disposed at Chemical Waste Management's TSCA Landfill in Emelle, Alabama.

Table 2
Snow Creek Sediment Removal Action
Ambient Air Monitoring Data

| Date | Time | Reading (mg/m3) | Comments |
|------------|-------|-----------------|-------------------------|
| 11/16/2009 | 12:00 | 0.0 | |
| | 12:55 | 0.0 | |
| | 13:30 | 0.0 | |
| | 14:45 | 0.0 | |
| | 15:15 | 0.0 | |
| | 16:45 | 0.1 | |
| 11/17/2009 | 7:00 | na | No testing due to rain. |
| | 8:00 | na | No testing due to rain. |
| | 8:55 | 0.0 | |
| | 9:30 | 0.0 | |
| | 10:25 | 0.0 | |
| | 11:20 | 0.1 | |
| | 12:15 | 0.0 | |
| | 13:05 | 0.0 | |
| | 14:00 | 0.0 | |
| | 15:00 | 0.1 | |
| | 15:55 | 0.0 | |
| 11/18/2009 | 6:00 | 0.0 | |
| | 7:05 | 0.2 | |
| | 8:15 | 0.1 | |
| | 9:30 | 0.0 | |
| | 10:28 | 0.1 | |
| | 11:05 | 0.1 | |
| | 12:15 | 0.0 | |

na= no analysis

Table 3
Snow Creek Sediment Removal Action
Turbidity Monitoring Data

| | | Turbidity | | |
|----------|-------|-----------|------------|------------|
| Date | Time | Upstream | Downstream | Difference |
| 11/16/09 | 13:00 | 11.30 | 12.30 | 8.85% |
| 11/17/09 | 8:20 | 7.67 | 11.88 | 54.89% |
| 11/17/09 | 10:00 | 9.97 | 11.67 | 17.05% |
| 11/17/09 | 11:34 | 14.20 | 9.91 | -30.21% |
| 11/17/09 | 12:15 | 13.21 | 9.20 | -30.36% |
| 11/17/09 | 14:30 | 12.47 | 17.24 | 38.25% |
| 11/18/09 | 7:00 | 8.09 | 12.10 | 49.57% |
| 11/18/09 | 8:30 | 8.92 | 6.10 | -31.61% |
| 11/18/09 | 10:00 | 5.48 | 6.41 | 16.97% |
| 11/18/09 | 11:30 | 14.45 | 12.91 | -10.66% |

Notes:

1. Location refers to upstream and downstream of work performed proximate to Snow Creek.
2. Turbidity measurements in nephelometric turbidity units (NTUs).



Figure 1
Snow Creek Sediment Removal Project Location

APPENDIX A

PROJECT SCOPE OF WORK AND APPROVAL CORRESPONDENCE



Solutia Inc.

702 Clydesdale Avenue
Anniston, Alabama 36201-5328
Tel/ 256-231-8400

October 5, 2009

Ms. Pamela J. Langston Scully
Remedial Project Manager
United States Environmental Protection Agency
Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, GA 30303-3104

Re: Anniston PCB Site – Snow Creek Sediment Removal

Dear Ms. Langston Scully:

The City of Anniston (City) has requested support in removing accumulated sediments from a reach of Snow Creek (Creek) located between Pine Street and Glen Addie Avenue as part of its efforts to improve stream flow and reduce flooding potential in this area. Solutia Inc. and Pharmacia Corporation (P/S), as Parties to the Partial Consent Decree (PCD), would like to support the City in its efforts to remove the designated sediments and also propose to remove three Dredge Spoil Areas located along the Creek bank in this area as part of these activities. Please find attached a Scope of Work document describing the proposed activities, responsibilities and schedule for the performance of the work for your review and approval.

The City would like to commence the proposed work in early to mid-October 2009, and we look forward to receiving your approval to proceed. In the interim, please don't hesitate to contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Macolly", with a stylized flourish at the end.

E. Gayle Macolly
Manager, Remedial Projects

attachment

cc: Mr. Jeffery Kitchens (ADEM)
Mr. G. Douglas Jones, Esq.
Mr. Thomas Dahl

**CITY OF ANNISTON, ALABAMA
SNOW CREEK SEDIMENT REMOVAL
SCOPE OF WORK**

Background: The City of Anniston Public Works Department (City) desires to remove accumulated sediments from Snow Creek (Creek) between Pine Street and Glen Addie Avenue in order to improve stream flow and reduce flooding potential. The scope of removal involves 250 to 500 cubic yards of sediment along the north and south sides of the Creek in this area. In addition, the City would like to remove three Dredge Spoil Areas located on the south side of the Creek (Snow Creek [SC] - 4, 5 and 6) which were created as a result of previous removal activities in this area. The volume of the three Dredge Spoil Areas to be removed is approximately 200 to 250 cubic yards. Previous sampling conducted by Solutia Inc. (Solutia) has indicated the presence of polychlorinated biphenyls (PCBs) in sediments in this area of the Creek, as summarized below.

- Sampling of Creek sediments conducted by Solutia during the Resource Conservation and Recovery Act (RCRA) Off-Site Facility Investigation indicated PCB concentrations ranging from 4 milligram per kilogram (mg/kg) to 34 mg/kg in sediments immediately upstream of Area 1 (*Off-Site RCRA Facility Investigation [RFI] Report, Solutia Inc., Anniston, Alabama, June 2000, BB&L – Figure 3-20, Table 3-15; See Attachment A*).
- Sampling of Creek sediments conducted by Solutia in conjunction with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Remedial Investigation of Operable Unit 1/Operable Unit 2 confirmed the RCRA program results (*Preliminary Site Characterization Summary Report for OU-1/OU-2, December 2007, Arcadis BBL – Figure 3-3, Table 3-7; See Attachment B*).
- Composite sampling of the subject Dredge Spoil Areas conducted by Solutia in conjunction with RCRA RFI Program indicated PCB concentrations ranging from 13.8 mg/kg to 88.0 mg/kg. Concentrations exceeding 50.0 mg/kg were limited to the western half of Dredge Spoil Area SC-5 (*Dredge Spoil Area RFI/CS Phase 1 Report, Snow and Choccolocco Creek, September 13, 1999, Roux Associates, Inc. – Figures 5, 6, and 7, Table 3; See Attachment C*).

Purpose: Remove accumulated sediments in specified areas in a manner that minimizes any potential for release or impact to downstream waterways.

Responsibilities:

- Solutia Inc./Pharmacia Corporation (P/S)
 - Install and operate sediment and surface water controls to mitigate sediment release to Creek.
 - Perform upstream and downstream turbidity testing during intrusive activities in the Creek to ensure effective control of sediments during removal activities.
 - Perform dust monitoring to ensure control of fugitive dust emissions, if any.
 - Remove sediments pre-classified as containing greater than 50 mg/kg PCBs (western half of Dredge Spoil Area SC-5) and place in lined roll-off box.
 - Provide transportation and disposal of all removed sediments. Sediments classified as containing less than 50 mg/kg PCBs will be transported to and disposed at Waste Management's Three Corners Landfill (Subtitle D, Municipal Waste Landfill).

Sediments containing greater than 50 mg/kg PCBs will be transported to and disposed at Waste Management's Toxic Substances and Control Act (TSCA) Landfill in Emelle, AL.

- Provide City workers with disposable booties and coveralls.
- Decontaminate City equipment after use.
- Prepare report documenting all activities performed upon completion of work.
- City of Anniston Public Works Department
 - Acquire access at the designated areas to allow for the performance of planned work.
 - Clear brush and overgrowth from proposed removal areas.
 - Provide operated equipment to remove sediments from defined areas containing less than 50 mg/kg PCBs and load into lined roll-off boxes provided by P/S.
 - Re-establish vegetative cover on Creek bank walls, or provide equivalent protection (e.g. rip-rap), as deemed appropriate by the City.
 - Re-establish vegetative cover on Creek bank underlying Dredge Spoil Areas to be removed.

Scope of Work:

- Install sediment and surface water controls prior to commencement of work, as follows:
 - Divert Creek away from removal areas using sand bags or super sacks filled with sand (if required).
 - Place jute and/or hay bales at leading (upstream) edge and along the sides of the proposed removal areas.
 - Check off area immediately downstream of removal area with silt fence and/or hay bales.
 - Install silt fence along perimeters of Dredge Spoil Areas to be removed and maintain under cover if left disturbed at end of work day.
- Perform daily upstream and downstream turbidity testing of Creek during the performance of all removal and restoration activities. If downstream reading exceeds upstream reading by a factor of 10, temporarily suspend work activities, re-evaluate the effectiveness of sediment and surface water controls, and make any modifications necessary to reduce turbidity levels prior to the recommencement of work.
- Perform dust monitoring during the performance of work using a respirable dust monitor (Mini-ram device or equivalent) to ensure control of fugitive dust emissions, if any. If the instrument sustains a reading greater than 0.5 milligrams per cubic meter for more than two minutes, work will be temporarily suspended and dust control practices and engineering controls will be immediately evaluated to determine improvements required to reduce concentrations below this level.
- Convene daily safety meetings prior to the performance of work to review intended scope of daily work and emphasize the maintenance of controls.
- Maintain daily photographic log of all work activities.
- Remove accumulated sediments in defined areas without disturbance below the existing water level on that working day.
- Load removed sediments into lined roll-off boxes placed on polyethylene sheeting. Transport roll-off boxes to appropriate landfill depending on PCB concentrations. If loading is completed too late for direct transport, temporarily stage roll-off box overnight at secure hazardous waste storage area on Solutia Inc. property.

- Restore areas as appropriate.
- Place all equipment used in removal activities on polyethylene sheeting and decontaminate.
- Dispose of sediment, decontamination control materials and personal protective equipment into roll-off boxes for transport to appropriate landfill.
- Prepare completion report documenting all work performed and providing copies of all testing results, photographs, daily construction logs, and manifests.

Schedule: The work will be performed in early to mid-October 2009, as dictated by the City's schedule and availability of necessary labor and equipment, and is expected to require one week to complete. Work will be performed during dry weather conditions and may be performed in segments or delayed if necessary to avoid significant storm events.

ATTACHMENT A

Figure 3-20 and Table 3-15

Off-Site RCRA Facility Investigation Report

June 2000



- LEGEND**
- (2.1) SEDIMENT DEPOSIT
 - (2.2) CREEK FEATURE
 - (2.3) SAMPLED SEDIMENT DEPOSIT

- ABBREVIATIONS**
- RCP REINFORCED CONCRETE PIPE
 - CP CONCRETE PIPE

- NOTES**
1. BASE AERIAL PHOTOGRAPHY PLAIN BY LOOKWOOD MAPING IN 1995
 2. LABELS ARE OBSERVATIONS MADE BY FIELD PERSONNEL

K. BULLARD, INC.
 1000 W. 10TH STREET
 ANNISTON, AL 36810
 TEL: 205/833-1100
 FAX: 205/833-1101
 WWW.BULLARDINC.COM

| | |
|---|-----------------------|
| SOLUTIA INC. ANNISTON, ALABAMA | |
| OFF-SITE RFI REPORT SNOW CREEK - SEDIMENT DEPOSIT LOCATIONS AND CREEK CHARACTERIZATION | |
| BBL BULLARD, BUCK & LEE, INC. engineers & scientists | FIGURE 3-20 |

Table 3-15

**Solutia Inc.
Anniston, Alabama
Off-Site RFI Report**

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| 14-SED-1 (0-2) | S10001 | 0 | 2 | | background | ND(0.0062) | | 0.40 J |
| 14-SED-1 (2-8) | S10002 | 2 | 8 | | background | 0.045 | | ND(0.081) |
| 14-SED-2 (0-2) | S10003 | 0 | 2 | | background | 0.035 | | 0.41 |
| 14-SED-2 (2-8) | S10004 | 2 | 8 | | background | 0.032 | | 0.45 J |
| 14-SED-2 (8-15) | S10005 | 8 | 15 | | background | 0.028 | | 0.064 J |
| 14-SED-3 (0-2) | S10006 | 0 | 2 | | background | ND(0.0054) | | 0.24 |
| 14-SED-3 (2-9) | S10007 | 2 | 9 | | background | 0.031 | | 0.11 J |
| 14-SED-3 (9-14) | S10008 | 9 | 14 | | background | 0.039 | | ND(0.082) |
| 14-SED-4 (0-2) | S10009 | 0 | 2 | | background | 0.055 | | 0.97 |
| 14-SED-4 (2-4) | S10010 | 2 | 4 | | background | 0.023 | | 0.14 |
| 14-SED-4 (4-15) | S10011 | 4 | 15 | | background | 0.03 | | ND(0.082) |
| 16-SED-1 (0-2) | S10012 | 0 | 2 | | background | 0.011 B | | ND(0.083) |
| 16-SED-1 (2-7) | S10013 | 2 | 7 | | background | 0.029 | | ND(0.077) |
| 16-SED-2 (0-2) | S10014 | 0 | 2 | | background | 0.013 B | | ND(0.082) |
| 16-SED-2 (2-8) | S10015 | 2 | 8 | | background | 0.020 B | | ND(0.079) |
| 16-SED-3 (0-2) | S10016 | 0 | 2 | | background | 0.0081 B | | 0.043 J |
| 16-SED-3 (2-7) | S10017 | 2 | 7 | | background | 0.013 B | | ND(0.079) |
| 16-SED-4 (0-2) | S10018 | 0 | 2 | | background | 0.11 | | 0.24 J |
| 16-SED-4 (2-6.5) | S10019 | 2 | 6.5 | | background | 0.017 B | | ND(0.078) |
| S-SED-DUP-1 | S10020 | 2 | 7 | | background | 0.0083 B | | |

See notes on page 7.

Table 3-15

**Solutia Inc.
Anniston, Alabama
Off-Site RFI Report**

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-1-01 (0-2) | S10021 | 0 | 2 | fine | terrace | ND(0.013) | 24000 | 3.8 J |
| S-1-01 (2-8) | S10022 | 2 | 8 | fine | terrace | 8.6 J | 33000 | 31 J |
| S-1-02 (0-2) | S10023 | 0 | 2 | fine | terrace | | 17000 | 8 |
| S-1-04 (0-2) | S10024 | 0 | 2 | fine | terrace | 0.26 N | 91000 | 14 |
| S-1-04 (2-5) | S10025 | 2 | 5 | fine | terrace | 1.3 J | 7900 | 17 |
| S-1-05 (0-2) | S10026 | 0 | 2 | fine | terrace | | 36000 | 11 J |
| S-1-07 (0-2) | S10027 | 0 | 2 | fine | channel | | 59000 | 16 J |
| S-1-07 (2-12) | S10028 | 2 | 12 | fine | channel | | 3200 | 1.2 J |
| S-1-07 (12-23) | S10029 | 12 | 23 | fine | channel | | ND(500) | ND(0.17) |
| S-1-08 (0-2) | S10030 | 0 | 2 | fine | other | | 70000 | 32 J |
| S-1-08 (2-12) | S10031 | 2 | 12 | fine | other | | 27000 | 12 |
| S-SED-D1 | S10032 | 2 | 12 | fine | other | | 28000 | 4.3 |
| S-1-08 (12-14.5) | S10033 | 12 | 14.5 | fine | other | | 57000 | 37 J |
| S-1-10 (0-2) | S10034 | 0 | 2 | fine | terrace | | 44000 | 12 J |
| S-1-10 (2-12) | S10035 | 2 | 12 | fine | terrace | | 46000 | 29 J |
| S-1-10 (12-16.5) | S10036 | 12 | 16.5 | fine | terrace | | 44000 | 18 |
| S-1-11A (0-2) | S10037 | 0 | 2 | fine | terrace | | 6500 | 2.2 |
| S-1-11A (2-12) | S10038 | 2 | 12 | fine | terrace | | ND(500) | ND(0.20) |
| S-1-11A (12-24) | S10039 | 12 | 24 | fine | terrace | | 2700 | 0.39 J |
| S-1-11B (0-2.5) | S10040 | 0 | 2.5 | coarse | terrace | | 18000 | 12 |

See notes on page 7.

Table 3-15

Solutia Inc.
Anniston, Alabama
Off-Site RFI Report

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|-------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-1-12 (0-2) | S10041 | 0 | 2 | fine | terrace | | 7600 | 0.67 |
| S-1-12 (2-5) | S10042 | 2 | 5 | fine | terrace | | ND(500) | 2.1 |
| S-1-16 (0-2) | S10043 | 0 | 2 | coarse | terrace | | 2700 | 28 |
| S-1-16 (2-5) | S10044 | 2 | 5 | coarse | terrace | | 1200 | 32 |
| S-2-02 (0-3.5) | S10045 | 0 | 3.5 | fine | aggrading bar | | 16000 | 19 |
| S-2-3A (0-3) | S10046 | 0 | 3 | fine | channel | 3.2 J* | 12000 | 3.8 |
| S-SED-D2 | S10047 | 0 | 3 | fine | channel | 1.2 J* | | |
| S-2-05 (0-2) | S10048 | 0 | 2 | coarse | aggrading bar | | ND(500) | 5.4 |
| S-2-05 (2-5) | S10049 | 2 | 5 | coarse | aggrading bar | | 9600 | 6.4 |
| S-2-08 (0-2) | S10050 | 0 | 2 | coarse | channel | | 18000 | 20 |
| S-2-08 (2-12) | S10051 | 2 | 12 | coarse | channel | | 12000 | 20 |
| S-2-08 (12-16) | S10052 | 12 | 16 | coarse | channel | | 1600 | 4.0 |
| S-2-06B (0-2) | S10053 | 0 | 2 | coarse | other | | ND(500) | 13 |
| S-2-06B (2-12) | S10054 | 2 | 12 | coarse | other | | 1800 | 11 |
| S-2-06B (12-20.5) | S10055 | 12 | 20.5 | coarse | other | | 3000 | 34 |
| S-2-06C (0-2) | S10056 | 0 | 2 | coarse | other | | 2200 | 30 |
| S-2-06C (2-12) | S10057 | 2 | 12 | coarse | other | | 5000 | 14 |
| S-2-06C (12-24) | S10058 | 12 | 24 | coarse | other | | 5000 | 23 |
| S-2-06C (24-27) | S10059 | 24 | 27 | coarse | other | | 9600 | 15 |
| S-2-06A (0-2) | S10060 | 0 | 2 | coarse | other | | 12000 | 22 |

See notes on page 7.

Table 3-15

**Solutia Inc.
Anniston, Alabama
Off-Site RFI Report**

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-2-06A (2-5) | S10061 | 2 | 5 | coarse | other | | 2700 | 8.9 |
| S-2-16 (0-2) | S10062 | 0 | 2 | coarse | channel | | 13000 | 4.0 |
| S-2-16 (2-4) | S10063 | 2 | 4 | coarse | channel | | 16000 | 3.3 |
| S-3-01 (0-2) | S10064 | 0 | 2 | coarse | channel | | 12000 | 3.3 |
| S-3-01 (2-8) | S10065 | 2 | 8 | coarse | channel | | 12000 | 4.8 |
| S-3-02 (0-2) | S10066 | 0 | 2 | coarse | terrace | | 22000 | 8.1 |
| S-3-02 (2-12) | S10067 | 2 | 12 | coarse | terrace | | 24000 | 11 |
| S-3-02 (12-15.5) | S10068 | 12 | 15.5 | coarse | terrace | | 32000 | 17 |
| S-3-05 (0-2) | S10069 | 0 | 2 | fine | channel | | 20000 | 1.4 |
| S-3-05 (2-10.5) | S10070 | 2 | 10.5 | fine | channel | | 11000 | 2.1 |
| S-3-07 (0-2) | S10071 | 0 | 2 | coarse | aggrading bar | | 9600 | 0.66 |
| S-3-07 (2-8) | S10072 | 2 | 8 | coarse | aggrading bar | | 18000 | 0.76 |
| S-4-02 (0-2) | S10073 | 0 | 2 | fine | terrace | | 15000 | 1.1 |
| S-4-02 (2-4) | S10074 | 2 | 4 | fine | terrace | | 3000 | 0.58 J |
| S-5-01 (0-3.5) | S10075 | 0 | 3.5 | coarse | terrace | | 1400 | 0.65 |
| S-SED-D4 | S10076 | 0 | 3.5 | coarse | terrace | | ND(500) | 0.76 |
| S-5-02 (0-3.5) | S10077 | 0 | 3.5 | fine | terrace | | 8700 | 4.5 |
| S-5-03 (0-2) | S10078 | 0 | 2 | fine | terrace | | 15000 | 5.8 |
| S-5-03 (2-4) | S10079 | 2 | 4 | fine | terrace | | ND(500) J | 1.6 |
| S-5-04 (0-2) | S10080 | 0 | 2 | coarse | terrace | | ND(500) J | 1.8 |

See notes on page 7.

Table 3-15

**Solutia Inc.
Anniston, Alabama
Off-Site RFI Report**

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|-----------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-5-04 (2-6) | S10081 | 2 | 6 | coarse | terrace | | 2300 | 1.9 |
| S-5-05 (0-2) | S10082 | 0 | 2 | coarse | aggrading bar | | ND(500) | 1.2 |
| S-5-05 (2-4) | S10083 | 2 | 4 | coarse | aggrading bar | | ND(500) | 1.9 |
| S-5-06 (0-2) | S10084 | 0 | 2 | fine | aggrading bar | | ND(500) | 2.7 |
| S-5-06 (2-5) | S10085 | 2 | 5 | fine | aggrading bar | | ND(500) | 2.3 |
| S-5-13 (0-3.5) | S10086 | 0 | 3.5 | coarse | aggrading bar | | ND(500) | 1.3 |
| S-5-14A (0-2) | S10087 | 0 | 2 | coarse | aggrading bar | | 1200 | 1.5 |
| S-5-14A (2-5) | S10088 | 2 | 5 | coarse | aggrading bar | | ND(500) | 0.92 |
| S-5-14B (0-2) | S10089 | 0 | 2 | coarse | aggrading bar | | ND(500) | 1.6 |
| S-5-14B (2-5.5) | S10090 | 2 | 5.5 | coarse | aggrading bar | | ND(500) | 1.6 |
| S-5-24 (0-2) | S10091 | 0 | 2 | coarse | channel | | ND(500) | 1.2 |
| S-5-24 (2-12) | S10092 | 2 | 12 | coarse | channel | | ND(500) | 1.2 |
| S-6-01 (0-2) | S10093 | 0 | 2 | coarse | aggrading bar | | ND(500) | 1.3 |
| S-6-01 (2-12) | S10094 | 2 | 12 | coarse | aggrading bar | | ND(500) | 4.7 |
| S-6-02 (0-2) | S10095 | 0 | 2 | fine | channel | 0.51 N | 4700 | 5.8 |
| S-6-02 (2-5) | S10096 | 2 | 5 | fine | channel | R | 8300 | 5.6 |
| S-6-03 (0-2) | S10097 | 0 | 2 | fine | channel | | 36000 | 41 J |
| S-6-03 (2-12) | S10098 | 2 | 12 | fine | channel | | 5600 | 7.3 |
| S-SED-D5 | S10099 | 2 | 12 | fine | channel | | 4100 | 11 J |
| S-6-05 (0-2) | S10100 | 0 | 2 | fine | terrace | | 13000 | 2.2 J |

See notes on page 7.

Table 3-15

Solutia Inc.
Anniston, Alabama
Off-Site RFI Report

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-6-05 (2-6.5) | S10101 | 2 | 6.5 | fine | terrace | | 19000 | 3.9 |
| S-6-07 (0-2) | S10102 | 0 | 2 | fine | channel | | ND(500) | 0.43 |
| S-6-07 (2-12) | S10103 | 2 | 12 | fine | channel | | 32000 | 0.077 J |
| S-6-07 (12-24) | S10104 | 12 | 24 | fine | channel | | 32000 | ND(0.22) |
| S-6-07 (24,26.5) | S10105 | 24 | 26.5 | fine | channel | | 250000 | ND(0.20) |
| S-6-09 (0-2) | S10106 | 0 | 2 | fine | aggrading bar | | 3400 | 3.3 |
| S-6-09 (2-6.5) | S10107 | 2 | 6.5 | fine | aggrading bar | | 11000 | 2.1 |
| S-6-10 (0-2) | S10108 | 0 | 2 | fine | terrace | 0.58 N | 3100 | 1.5 |
| S-6-10 (2-12) | S10109 | 2 | 12 | fine | terrace | 2.6 J | 14000 | 4.9 |
| S-6-13 (0-2) | S10110 | 0 | 2 | fine | aggrading bar | | 5100 | 3.9 |
| S-6-13 (2-7.5) | S10111 | 2 | 7.5 | fine | aggrading bar | | 25000 | 8.1 |
| S-6-15 (0-2) | S10112 | 0 | 2 | fine | aggrading bar | | ND(500) | 1.3 |
| S-6-15 (2-12.5) | S10113 | 2 | 12.5 | fine | aggrading bar | | 13000 | 4.5 |
| S-6-04 (0-3.5) | S10114 | 0 | 3.5 | coarse | channel | | 1200 | 4.4 |
| S-6-17 (0-2) | S10115 | 0 | 2 | coarse | aggrading bar | | 8500 | 9.5 |
| S-6-17 (2-10) | S10116 | 2 | 10 | coarse | aggrading bar | | 16000 | 6.3 |
| S-6-21 (0-2) | S10117 | 0 | 2 | coarse | aggrading bar | | 5900 | 1.7 |
| S-6-21 (2-4.5) | S10118 | 2 | 4.5 | coarse | aggrading bar | | 6200 | 1.8 |
| S-6-23 (0-2) | S10119 | 0 | 2 | fine | aggrading bar | | 3600 | 1.1 |
| S-6-23 (2-7) | S10120 | 2 | 7 | fine | aggrading bar | | 9400 | 1.6 |

See notes on page 7.

Table 3-15

Solutia Inc.
Anniston, Alabama
Off-Site RFI Report

Summary of Snow Creek Sediment Data

| Field Sample ID | Sample ID | Sediment Depth to Top (in) | Sediment Depth to Bottom (in) | Textural Class | Sediment Deposit Strata | Mercury (mg/kg) | Total Organic Carbon (mg/kg) | Total PCB (mg/kg) |
|------------------|-----------|----------------------------------|-------------------------------------|-------------------|-------------------------------|--------------------|------------------------------------|----------------------|
| S-6-25 (0-2.5) | S10121 | 0 | 2.5 | coarse | aggrading bar | | 5500 | 4.4 |
| S-6-26 (0-2) | S10122 | 0 | 2 | fine | terrace | | 9100 | ND(0.17) |
| S-6-26 (2-12) | S10123 | 2 | 12 | fine | terrace | | 10000 | ND(0.18) |
| S-6-26 (12-24) | S10124 | 12 | 24 | fine | terrace | | 7000 | ND(0.17) |
| S-6-26 (24-33) | S10125 | 24 | 33 | fine | terrace | | 3800 | ND(0.17) |
| S-SED-D6 | S10126 | 2 | 12 | fine | terrace | | 8100 | ND(0.17) |
| S-6-27 (0-2) | S10127 | 0 | 2 | coarse | aggrading bar | | 2400 | 2.1 |
| S-6-27 (2-12) | S10128 | 2 | 12 | coarse | aggrading bar | | 35000 | 2.8 |
| S-6-27 (12-15.5) | S10129 | 12 | 15.5 | coarse | aggrading bar | | 1600 | 5.6 |
| S-SED-D7 | S10130 | 2 | 12 | coarse | aggrading bar | | 54000 | 5.0 |
| S-SED-D3 | S10131 | 12 | 20.5 | coarse | other | | 8400 | 60 |

Notes:

- J - The compound/analyte was positively identified; however, the associated numerical value is an estimated concentration only.
 N - The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 B - The reported value was obtained from a reading less than the contract required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
 * - Duplicate analysis not within control limit.
 R - The sample results were rejected.
 ND - Not detected. (Number in parentheses denotes the quantitation limit.

ATTACHMENT B

Figure 3-3 and Table 3-7

Preliminary Site Characterization Summary Report for OU-1/OU-2

December 2007

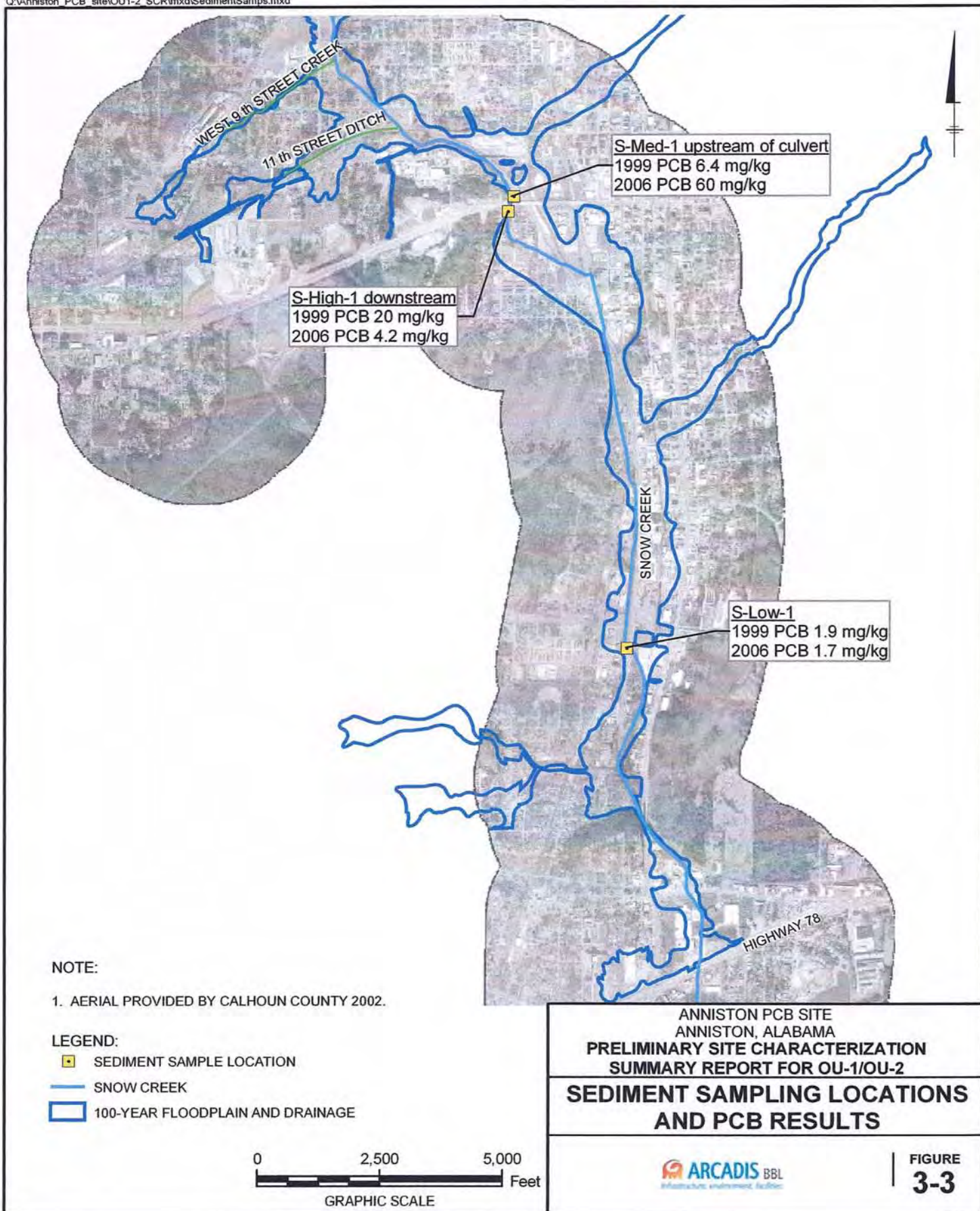


TABLE 3-7
OU-1/OU-2 INVESTIGATION SEDIMENT DATA

PRELIMINARY SITE CHARACTERIZATION SUMMARY REPORT FOR OU-1/OU-2
ANNISTON PCB SITE, ANNISTON, ALABAMA

| Location ID | | | S-LOW-1 | S-MED-1 | S-HIGH-1 | S-HIGH-1 |
|---------------------------------------|-------|------------------|---|--|---|---|
| Sample ID | | | S10136 | S10134 | S10135 | S10137 |
| QC Notes | | | | | | Dup (S10135) |
| SAMPLEDATE | | | 8/17/06 | 8/17/06 | 8/17/06 | 8/17/06 |
| Description | | | brown fine sand with medium to coarse sand and gravel | brown fine sand, some medium to coarse sand, little gravel | grey brown fine sand, a little medium to coarse sand, a little organic matter | grey brown fine sand, a little medium to coarse sand, a little organic matter |
| Depth Top (in) | | | 0 | 0 | 0 | 0 |
| Depth Bottom (in) | | Screening Values | 6 | 8 | 18 | 18 |
| Solids, Percent | % | N/A | 94.9 | 77.9 | 75.2 | 78.2 |
| Total Organic Carbon | mg/kg | N/A | 4150 | 16400 J | 12700 J | 2980 J |
| Aroclor-1016 | mg/kg | 0.033 | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Aroclor-1221 | mg/kg | 0.067 | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Aroclor-1232 | mg/kg | 0.033 | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Aroclor-1242 | mg/kg | 0.033 | 0.22 | 4.3 U | 1100 J | 0.29 J |
| Aroclor-1248 | mg/kg | 0.033 | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Aroclor-1254 | mg/kg | 0.033 | 0.97 | 46 | 2.2 | 1.5 |
| Aroclor-1260 | mg/kg | 0.033 | 0.51 | 14 | 0.92 | 0.53 |
| Aroclor-1262 | mg/kg | N/A | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Aroclor-1268 | mg/kg | 0.033 | 0.11 U | 4.3 U | 0.22 U | 0.21 U |
| Total PCBs | mg/kg | N/A | 1.7 | 60 | 4.22 J | 2.32 J |
| 1,1,1-Trichloroethane | ug/kg | 213 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | 850 | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 1,1,2-trichloro-1,2,2-trifluoroethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,1,2-Trichloroethane | ug/kg | 518 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,1-Dichloroethane | ug/kg | 0.575 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,1-Dichloroethene | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5062 | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 1,2-Dibromo-3-chloropropane | ug/kg | N/A | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 1,2-Dibromoethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,2-Dichlorobenzene | ug/kg | 294 | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 1,2-Dichloroethane | ug/kg | 260 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,2-Dichloropropane | ug/kg | 333 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 1,3-Dichlorobenzene | ug/kg | 1315 | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 1,4-Dichlorobenzene | ug/kg | 318 | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| 2-Butanone | ug/kg | 42.4 | 6.7 | 1.8 J | 7 J | 6.3 J |
| 2-Hexanone | ug/kg | 58.2 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| 4-Methyl-2-pentanone | ug/kg | 25.1 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Acetone | ug/kg | N/A | 37 | 21 J | 57 J | 51 J |
| Benzene | ug/kg | 142 | 5.7 U | 5.6 UJ | 1.6 J | 2 J |
| Bromochloromethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Bromodichloromethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Bromoform | ug/kg | 492 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Bromomethane | ug/kg | 1.37 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Carbon Disulfide | ug/kg | 23.9 | 3.8 J | 3.8 J | 7.1 | 8.6 J |
| Carbon Tetrachloride | ug/kg | 1450 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Chlorobenzene | ug/kg | 291 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Chloroethane | ug/kg | N/A | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| Chloroform | ug/kg | 121 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Chloromethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| cis-1,2-Dichloroethene | ug/kg | 19.4 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| cis-1,3-Dichloropropene | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Cyclohexane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Dibromochloromethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Dichlorodifluoromethane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Ethylbenzene | ug/kg | 175 | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Isopropylbenzene | ug/kg | N/A | 5.7 UJ | 5.6 UJ | 6.1 UJ | 6 UJ |
| m,p-Xylenes | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Methyl Acetate | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Methyl tert-butyl ether | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |
| Methylcyclohexane | ug/kg | N/A | 5.7 U | 5.6 UJ | 6.1 U | 6 U |

ATTACHMENT C

Figures 5, 6 and 7 and Table 3

Dredge Spoil Area RFI/CS Phase 1 Report, Snow and Choccolocco Creeks

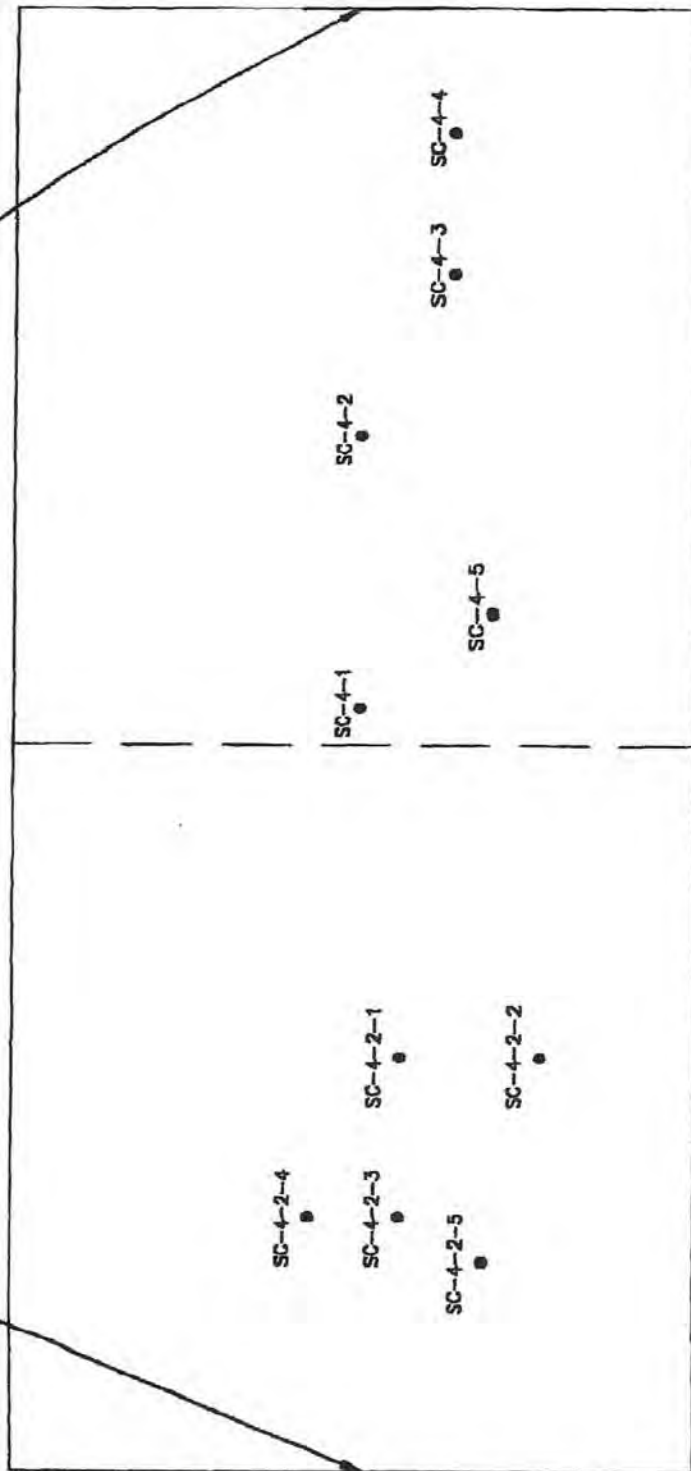
September 1999



BOUNDARY
OF SPOIL
AREA

SNOW CREEK

BOUNDARY
OF SPOIL
AREA



Title:

SAMPLING LOCATIONS DREDGE SPOIL AREA SC-4

Prepared For:

ANNISTON, ALABAMA

SOLUTIA, INC.



ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: J.L.S. Date: 8/98

Prepared by: M.J.S. Scale: 1/4" = 1'

Project Mgr: J.R.L. Revision: FINAL

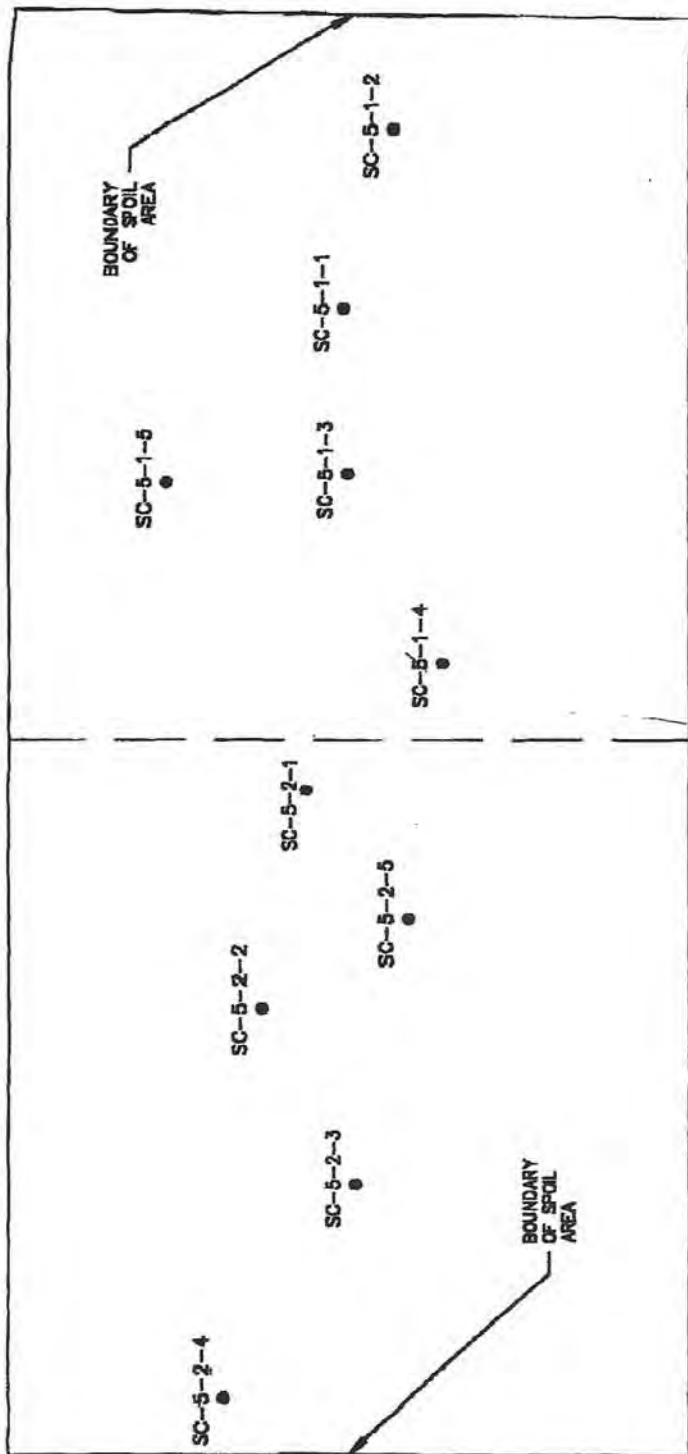
Proj No: 06638T04 File No: 38T04.5

Figure

5



SNOW CREEK



Title: **SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-5**

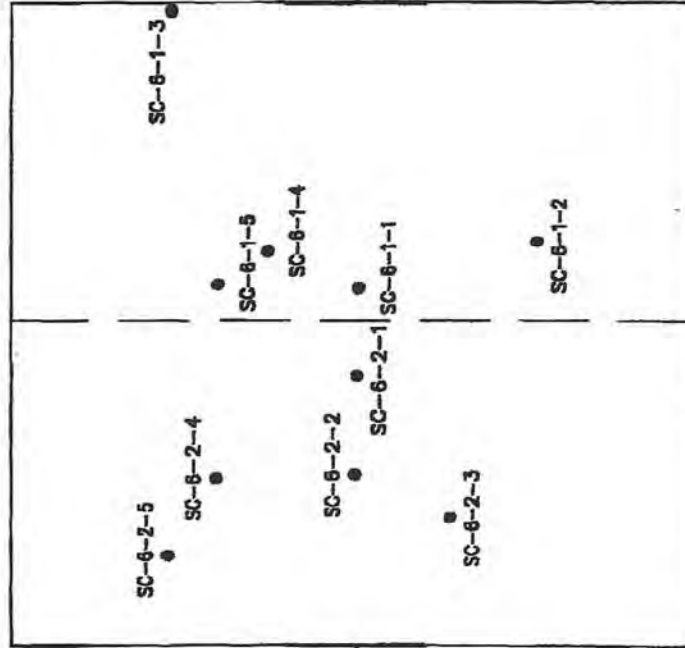
ANNISTON, ALABAMA

Prepared For: **SOLUTIA, INC.**

| | | | |
|---|---------------------|------------------|--------|
| ROUX ROUX ASSOCIATES, INC. Engineering, Consulting & Management | Compiled by: J.L.S. | Date: 8/99 | Figure |
| | Prepared by: M.J.S. | Scale: 1/4" = 1' | 6 |
| | Project Mgr: J.R.L. | Revision: FINAL | |
| | Proj No: 06638704 | File No: 38704.8 | |



SNOW CREEK



Title:

SAMPLING LOCATIONS DREDGE SPOIL AREA SC-6

Prepared For:

ANNISTON, ALABAMA

SOLUTIA, INC.

ROUX
ROUX ASSOCIATES INC
Environmental Consulting
& Management

| | | |
|---------------------|------------------|--------|
| Compiled by: J.L.S. | Date: 8/99 | Figure |
| Prepared by: M.J.S. | Scale: 1/4" = 1' | 7 |
| Project Mgr: J.R.L. | Revisions: FINAL | |
| Proj No: 08638T04 | File No: 38T04.7 | |

Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 1 of 3

| Area | Sample I.D. | Arochlor 1016 (mg/Kg) | Arochlor 1221 (mg/Kg) | Arochlor 1232 (mg/Kg) | Arochlor 1242 (mg/Kg) | Arochlor 1248 (mg/Kg) | Arochlor 1254 (mg/Kg) | Arochlor 1260 (mg/Kg) | Total PCBs (mg/Kg) | Mercury (mg/Kg) |
|------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| Snow Creek | SC-1 | <0.700 | <1.400 | <0.700 | <0.700 | 2.200 | 12.000 | 5.400 | 19.600 | 0.25 |
| | SC-3 | <0.720 | <1.400 | <0.720 | <0.720 | 3.300 | 15.000 | 6.600 | 24.900 | 0.20 |
| | SC-4-1 | <0.350 | <0.710 | <0.350 | <0.350 | 2.300 | 7.700 | 3.800 | 13.800 | NA |
| | SC-4-2 | <0.700 | <1.400 | <0.700 | <0.700 | 2.300 | 9.700 | 5.400 | 17.400 | NA |
| | SC-5-1 | <0.720 | <1.400 | <0.720 | <0.720 | <0.720 | 9.500 | 4.700 | 14.200 | NA |
| | SC-5-2 | <3.600 | <7.300 | <3.600 | <3.600 | 29.000 | 43.000 | 16.000 | 88.000 | NA |
| | SC-6-1 | <0.720 | <1.400 | <0.720 | <0.720 | 2.900 | 12.000 | 5.000 | 19.900 | NA |
| SC-7 | SC-6-2 | <3.800 | <7.600 | <3.800 | <3.800 | <3.800 | 21.000 | 9.300 | 30.300 | NA |
| | SC-7-1 | <0.370 | <0.750 | <0.370 | <0.370 | <0.370 | 2.800 | 1.800 | 4.600 | NA |
| | SC-7-2 | <0.037 | <0.075 | <0.037 | <0.037 | 0.044 | 0.440 | 0.780 | 1.264 | NA |
| | SC-7-3 | <0.038 | <0.077 | <0.038 | <0.038 | 0.052 | 0.640 | 0.840 | 1.532 | NA |
| | SC-7-4 | <0.038 | <0.076 | <0.038 | <0.038 | 0.067 | 0.580 | 0.470 | 1.117 | 0.19 |
| | SC-7-5 | <0.037 | <0.075 | <0.037 | <0.037 | <0.037 | 0.240 | 0.280 | 0.520 | NA |
| | SC-7-6 | <0.370 | <0.750 | <0.370 | <0.370 | 0.980 | 1.800 | 2.500 | 5.280 | NA |
| SC-8 | SC-7-7 | <0.180 | <0.370 | <0.180 | <0.180 | 0.340 | 0.580 | 0.760 | 1.680 | NA |
| | SC-7-8 | <0.072 | <0.150 | <0.072 | <0.072 | 0.270 | 0.600 | 0.630 | 1.500 | NA |
| | SC-7-9 | <1.800 | <3.700 | <1.800 | <1.800 | 4.700 | 7.900 | 6.400 | 19.000 | NA |
| | SC-8-1 | <0.036 | <0.074 | <0.036 | <0.036 | 0.190 | 0.470 | 0.510 | 1.170 | 0.27 |
| | SC-8-2 | <1.800 | <3.600 | <1.800 | <1.800 | 6.200 | 13.000 | 9.500 | 28.700 | NA |
| | SC-8-3 | <0.076 | <0.150 | <0.076 | <0.076 | 0.340 | 1.000 | 0.860 | 2.200 | NA |
| | SC-8-4 | <0.038 | <0.077 | <0.038 | <0.038 | 0.140 | 0.290 | 0.320 | 0.750 | NA |
| | SC-8-5 | <0.073 | <0.150 | <0.073 | <0.073 | 0.530 | 1.100 | 1.000 | 2.630 | NA |
| | SC-8-6 | <0.380 | <0.760 | <0.380 | <0.380 | 1.500 | 3.100 | 2.200 | 6.800 | NA |
| | SC-8-7 | <0.750 | <1.500 | <0.750 | <0.750 | 3.200 | 5.700 | 5.100 | 14.000 | NA |
| | | | | | | | | | | |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<X.XXX = laboratory detection limit

Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choctolocco Creeks, Calhoun and Talladega Counties, AL. Page 2 of 3

| Area | Sample I.D. | Arochlor 1016 (mg/Kg) | Arochlor 1221 (mg/Kg) | Arochlor 1232 (mg/Kg) | Arochlor 1242 (mg/Kg) | Arochlor 1248 (mg/Kg) | Arochlor 1254 (mg/Kg) | Arochlor 1260 (mg/Kg) | Total PCBs (mg/Kg) | Mercury (mg/Kg) |
|--------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| Snow Creek SC-8 | SC-8-8 | <0.380 | <0.760 | <0.380 | <0.380 | 1.100 | 2.300 | 2.000 | 5.400 | NA |
| | SC-8-9 | <0.370 | <0.750 | <0.370 | <0.370 | 2.000 | 3.600 | 4.300 | 9.900 | NA |
| | SC-8-10 | <1.900 | <3.800 | <1.900 | <1.900 | 8.400 | 16.000 | 9.800 | 34.200 | NA |
| | SC-8-11 | <1.900 | <3.800 | <1.900 | <1.900 | 7.000 | 25.000 | 14.000 | 46.000 | NA |
| | SC-8-20 | <1.800 | <3.700 | <1.800 | <1.800 | 6.000 | 12.000 | 9.100 | 27.100 | NA |
| Chocolocco Creek CC-7 | 7-1 | <0.180 | <0.380 | <0.180 | <0.180 | 0.620 | 0.990 | 0.760 | 2.370 | NA |
| | 7-2 | <0.038 | <0.077 | <0.038 | <0.038 | 0.240 | 0.440 | 0.700 | 1.380 | 1.0 |
| | 9-1 | <0.035 | <0.071 | <0.035 | <0.035 | 0.130 | 0.130 | 0.140 | 0.400 | 3.9 |
| | 9-2 | <0.036 | <0.072 | <0.036 | <0.036 | 0.062 | 0.110 | 0.130 | 0.302 | NA |
| | 9-20 | <0.035 | <0.071 | <0.035 | <0.035 | 0.083 | 0.140 | 0.190 | 0.413 | NA |
| | 23-1 | <0.360 | <0.720 | <0.360 | <0.360 | 0.780 | 1.800 | 1.700 | 4.280 | NA |
| CC-23 | 23-2 | <0.390 | <0.800 | <0.390 | <0.390 | 1.300 | 2.800 | 2.300 | 6.400 | NA |
| | 23-3 | <0.072 | <0.140 | <0.072 | <0.072 | 0.370 | 0.800 | 0.800 | 1.970 | NA |
| | 23-4 | <0.190 | <0.380 | <0.190 | <0.190 | 0.660 | 1.700 | 1.500 | 3.860 | NA |
| | 23-5 | <0.760 | <1.500 | <0.760 | <0.760 | <0.760 | 6.100 | 4.700 | 10.800 | 0.65 |
| CC-24 | 23-6 | <0.380 | <0.770 | <0.380 | <0.380 | 0.470 | 2.900 | 3.400 | 6.770 | NA |
| | 24-1 | <0.170 | <0.350 | <0.170 | <0.170 | 0.450 | 0.890 | 0.720 | 2.060 | NA |
| | 24-2 | <0.180 | <0.360 | <0.180 | <0.180 | 0.590 | 1.600 | 1.500 | 3.690 | NA |
| | 24-3 | <0.370 | <0.750 | <0.370 | <0.370 | 1.300 | 3.400 | 3.100 | 7.800 | NA |
| | 24-4 | <0.200 | <0.400 | <0.200 | <0.200 | 0.920 | 2.000 | 2.000 | 4.920 | NA |
| | 24-5 | <0.069 | <0.140 | <0.069 | <0.069 | 0.330 | 0.460 | 0.380 | 1.170 | NA |
| | 24-6 | <0.180 | <0.360 | <0.180 | <0.180 | 0.410 | 0.650 | 0.660 | 1.720 | NA |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<X.XXX = laboratory detection limit

Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talladega Counties, AL. Page 3 of 3

| Area | Sample I.D. | Arochlor 1016 (mg/Kg) | Arochlor 1221 (mg/Kg) | Arochlor 1232 (mg/Kg) | Arochlor 1242 (mg/Kg) | Arochlor 1248 (mg/Kg) | Arochlor 1254 (mg/Kg) | Arochlor 1260 (mg/Kg) | Total PCBs (mg/Kg) | Mercury (mg/Kg) |
|----------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| Choccolocco Creek CC-24 | 24-7 | <0.360 | <0.730 | <0.360 | <0.360 | 0.840 | 1.400 | 1.400 | 3.640 | NA |
| | 24-8 | <0.760 | <1.500 | <0.760 | <0.760 | 1.700 | 3.500 | 3.700 | 8.900 | NA |
| | 24-9 | <0.360 | <0.740 | <0.360 | <0.360 | 0.770 | 1.700 | 1.900 | 4.370 | NA |
| | 24-10 | <0.350 | <0.720 | <0.350 | <0.350 | 0.550 | 2.100 | 2.000 | 4.650 | 2.0 |
| | 24-11 | <0.180 | <0.360 | <0.180 | <0.180 | 0.610 | 0.930 | 0.750 | 2.290 | NA |
| | 24-20 | <0.830 | <1.700 | <0.830 | <0.830 | 1.200 | 2.500 | 2.600 | 6.300 | NA |
| CC-26 | 26-1 | <0.190 | <0.380 | <0.190 | <0.190 | 1.500 | 1.500 | 0.930 | 3.930 | 2.6 |
| | 26-2 | <0.170 | <0.360 | <0.170 | <0.170 | 0.360 | 0.560 | 0.630 | 1.550 | NA |
| CC-29 | 29-1 | <0.190 | <0.380 | <0.190 | <0.190 | 0.510 | 0.820 | 0.640 | 1.970 | NA |
| | 29-2 | <0.370 | <0.750 | <0.370 | <0.370 | 1.400 | 2.000 | 1.200 | 4.600 | NA |
| | 29-3 | <0.076 | <0.150 | <0.076 | <0.076 | 1.100 | 0.750 | 0.600 | 2.450 | 3.6 |
| | 29-4 | <0.180 | <0.370 | <0.180 | <0.180 | 0.660 | 1.500 | 1.100 | 3.260 | NA |

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million

<XXX = laboratory detection limit

John Loper

From: Macolly, E Gayle [egmaco@solutia.com]
Sent: Wednesday, October 28, 2009 3:32 PM
To: Scully.Pam@epamail.epa.gov
Cc: jloper@lopergroup.com; Mike Price
Subject: City of Anniston Scope Change

Hi Pam,

Confirming our discussion earlier today, Solutia Inc. and Pharmacia Corporation (P/S) plan to commence the proposed sediment removal support work in Snow Creek described in my earlier correspondence to you dated October 5, 2009 on or about Monday, November 9, 2009. The work will be performed in cooperation with the City of Anniston, and we plan to engage Taylor Corporation to provide required support services under our direction to prevent the uncontrolled release of PCBs into the environment. Taylor Corporation will perform all such work operating under our existing, approved Health and Safety Plan. As discussed, the previously provided scope of work will be adhered to with one modification as follows:

* Amendment No. 1 - Collect a representative composite sample from residuals underlying each discrete removal area (one composite sample per removal area, with the exception of Dredge Spoil Area SC-5 where two samples will be collected [eastern ½ and western ½] in order to segregate greater and less than 50 milligrams per kilogram PCB concentration material) and analyze for polychlorinated biphenyls (PCBs) using immunoassay field screening test methods (USEPA Method 4020).

We will keep you advised of proposed work schedules so that you can schedule oversight personnel accordingly. In the interim, please don't hesitate to contact me if you have any questions or need additional information.

Take care,
Gayle

This electronic mail message is intended exclusively for the individual or entity to which it is addressed.

This message, together with any attachment, may contain Solutia and/or Ascend confidential and privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Solutia and/or Ascend.

Any unauthorized review, printing, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

OCT 29 2009

VIA CERTIFIED MAIL

Ms. Cathleen S. Bumb, Esq.
Solutia, Inc.
P.O. Box 66760
St. Louis, Missouri 63166-6760

Subject: Snow Creek Removal Work and Alabama Department of Transportation Removal Work at the Anniston PCB Site, Anniston, Calhoun County, Alabama

Dear Ms. Bumb:

The United States Environmental Protection Agency ("EPA") understands that Solutia, Inc. ("Solutia") will remove PCB-contaminated sediment from a portion of Snow Creek between Pine Street and Glen Addie Avenue as part of a flood-control project to be completed by the City of Anniston. This removal work will be done as part of Solutia's response obligations under the Partial Consent Decree ("PCD"), entered by the United States District Court for the Northern District of Alabama on August 4, 2003, the Administrative Order on Consent for Removal Action ("Removal Order"), Exhibit C to the PCD, and the Non-Time Critical Removal Agreement ("NTC Removal Agreement"), Exhibit G to the PCD, for the Anniston PCB Site.

Moreover, EPA also understands that additional removal work may be needed in the near future to accommodate the I-20 bridge project to be undertaken by the Alabama Department of Transportation ("ALDOT"), and a gas pipeline crossing to be installed in the vicinity of Choccolocco Creek.

EPA believes that these removals can be accomplished under Section VI, Paragraph 7 of both the Removal Order and NTC Removal Agreement, which state in relevant part:

If any incident, or change in Site conditions, during the actions conducted pursuant to this [Order/Agreement] causes or threatens to cause an additional release of hazardous substances from the Site or an endangerment to public health, welfare, or the environment, Defendants shall immediately take all appropriate action. Defendants shall taken these actions in accordance with all applicable provisions of this [Order/Agreement], including, but not limited to the Health and Safety Plan, in order to prevent, abate or minimize such release or endangerment caused or threatened by the release.

For all such removal work, Solutia shall submit draft work plans to EPA's Project Coordinator, Ms. Pamela J. Langston Scully, for review and approval. Upon approval by EPA's Project Coordinator, Solutia may commence such work, subject to EPA oversight. Further, EPA notes that Solutia may be responsible for additional removal and/or remedial action at these locations as part of the Site.

Thank you for your continued work and cooperation at the Site. If you have any legal questions or concerns, please feel free to contact me at (404) 562-9701. If you have any technical questions or concerns, you may contact Pam Scully at (404) 562-8935.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suzanne K. Armor', with a stylized, flowing script.

Suzanne K. Armor
Assistant Regional Counsel

cc: E. Gayle Macolly, Solutia
William Weinischke, USDOJ
Don Hoyt, City of Anniston

APPENDIX B
DAILY CONSTRUCTION REPORTS

City of Anniston
Snow Creek Project
Location: Glenn Addie @ 6th Street

November 6, 2009: Action delivered cans A-86, A-38 and one (1) can in inventory.
Conditions on all 3 cans are Ok.

November 9, 2009: Action delivered can A-1 condition Ok

(Hurricane Ida) delayed project till November 16, 2009

November 16, 2009:

Clear high 75 low 50

Safety meeting: Informed all about PCB's PPE and Watching out for each other
Personnel on site: Lance Taylor, Thomas Burney, James Cotton and Debbie Kristiansen
(EPA oversight) and Pam Scully

Taylor Corporation started mobilization of equipment (inclusive of testing equipment)
and materials @ 7 am.

Location and stake out dredge spoils piles SC 6, SD 5 (17' western side > 50ppm) and
SC 4. Photo taken. Taylor Land Surveying on site to shot in corners.

Meet with City of Anniston (COA) to get set up for their equipment to start 11/17.

Started and completed < 50 ppm dredge spoil piles SC 6 and eastern half of SC 5.

Foundry fill was bagged and tagged.

Air Monitoring all day was non detect.

Turbidity reading at 1 pm during the dig was 11.30 upstream and 12.30 downstream.

Two loads were shipped to 3 corners.

Safe Man-hours today 50 total 50

November 17, 2009:

Overcast, light rains high 57 low 54

Safety Meeting: Trips/slips/fall due to wet conditions

Personnel on site: Thomas Burney, James Cotton, James Ford and Debbie Kristiansen.

Jerry Hopper (foundry fill) COA personnel (5)

Am rains delays Haul in 8 loads of 24 modified stone and fabric to bill access roads.

Completed road installations at 9 am. COA on site at 9 am started loading north side of
snow creek. Taylor completed loading out > 50 western half of SC5 can A-1 and <50 SC
4.

All disturbed areas seeded and Mulch. COA completed north side dredge spoil removal at
4pm.

Air Monitoring all day was non detect

9 loads was shipped to 3 corners

A-1 can was placarded and placed in bone yard at the plant.

Page 2 of 2

Turbidity:

| Time: | Upstream | Downstream |
|---------|----------|------------|
| 8:20 am | 7.67 | 11.88 |

City of Anniston

Snow Creek

Pg 2 of 2

| Time | Upstream | Downstream |
|----------|----------|------------|
| 10 am | 9.97 | 11.67 |
| 11:34 am | 14.20 | 9.91 |
| 12:15 pm | 13.21 | 9.20 |
| 2:30 pm | 12.47 | 17.24 |

Safe Man-hours today 100 hours total 150 hours

November 18, 2009:

Clear: high 51 low 34

Safety: Traffic controls due to congested area

Personnel: James Ford, Thomas Burney, James Cotton, Debbie Kristiansen, and Jerry hopper (foundry Fill)

Taylor on site at 6:30 am. Deployed silt fence with hay bales north side of bridge: COA on site at 7am. Poly trailer deck moved COA machine to south side of creek. Received and spread a load of crusher run. Start loading for 3 corners at 8 am. Decon Taylor's excavator at 8:30 am OK with EPA to ship offsite. Scheduled Genesis Projects to due post sampling on 11/19/09 inclusive of informing EPA (Leslie Shaver). Scheduled Taylor Surveying to restake SC 6, 5 and 4 on 11/19/09 for Genesis. Sand bagged and graveled Manhole and drainage cross pipe prior to removal of tree stump in creek. Additional BMP's in place for stump removal. COA completed sediment dig at noon. Decon of COA equipment completed by 1pm. All outside carriers reported to Taylor shop for decon. I witness decon at 2pm. Inspected site at 3pm all disturbed areas have been seeded and mulch. The decon pad and spend ppe have been placed in roll off for disposal. Contacted Josh Fowler for pick up of loaded can A-1 and 3 empties to be sent back to Emelle 11/19/09 am. Construction BMP removed from creek place in 3 corners roll off

Air Monitoring all day was non detect

9 loads shipped to 3 corners in addition 4 roll offs can for a total of 24

Turbidity

| Time | Upstream | Downstream |
|-----------------------|----------|---|
| 7 am | 8.09 | 12.10 |
| 8:30am | 8.92 | 6.10 |
| 10am | 5.48 | 6.41 |
| 11:30am | 14.45 | 12.91 (Additional BMPS installed stump removal) |
| Excavation completed. | | |

Safe hours today 90 total 240

| | |
|---------------------|--------------------------|
| Project/Job Number: | CITY OF ANNISTON |
| Foreman: | THOMAS BURNLEY |
| Job Site Location: | 6th Street @ Glenn Addie |
| Date: | MONDAY 11-09-09 |

Description of Work Being Done Today:

Started mobilization to site Bad Weather?
Directive From Down Williams MOBE NEXT WEEK

Labor

| Name | Occupation | Hours |
|------------------|------------|-------|
| James Cotton | Tech | 4 |
| THOMAS BURNLEY | FOREMAN | 4 |
| LOW BOY OPERATOR | Driver - | 3 |
| | | |

Weather Report:

RAIN

Other Notes:

| | |
|---------------------|--------------------------|
| Project/Job Number: | CITY OF ANNISTON (COA) |
| Foreman: | THOMAS BURNLEY |
| Job Site Location: | 6th Street @ Glenn Addie |
| Date: | MONDAY 11-16-09 |

Description of Work Being Done Today:

- ReStart Mobilization
 - OnSite SAFETY MEETING
 - Located & STAKE OUT dredge Spoils SC-4-5-6
 - TAYLOR SURVEY on site TO SHOT in Pile Locations
 - meeting COA TO start Pile Dig 11-17-09
 - Started SC Dig's @ Noon
- BMP's in Place

3 Corners 2 Loads Shipped
 Air Monitoring: Non-Detect all days
 Turbidity @ upstream 11.3 Downstream 12.3

EPA: Debbie Kristiansen

Visitors: Pam Scully Jerry Hopper (FOUNDER 7/11)

Labor

| Name | Occupation | Hours |
|--------------|------------|-------|
| LANCE TAYLOR | OWNER | 2 |
| JAMES COTTON | Tech | 10 |
| | | |
| | | |

Weather Report:

Clear
 Low 50 High 75

Other Notes:

| | |
|---------------------|-------------------------|
| Project/Job Number: | City of Anniston |
| Foreman: | THOMAS BURNLEY |
| Job Site Location: | 6 Street @ Glenn Adelle |
| Date: | Tuesday 11-17-09 |

Description of Work Being Done Today:

- Safety Meeting ALL Disturb Area Mulch & Seeded
- ✓ BMP's
- C.O.A on Site 5 People
- Rain Delay - Hauled in 8 Loads Stone for Access Roads
- L.O.A. STARTED Creek dig on the North & West side
WORKING TOWARDS Glenn Adelle's COA Completed
North Side @ 4:PM
- Taylor Completed SC Dredge Spoils:
- 1 Load to Emelle moved to Bone yard for shipment.
- 9 Loads TO 3 Greenison Tri-Axles; 2 IWICams find to be shipped later

EPA: Debbie KRISTENSEN Jerry Hopper (FF)

Labor

| Name | Occupation | Hours |
|--------------|------------|-------|
| James Catton | Tech | 10 |
| James Ford | Tech | 10 |
| | | |
| | | |

Weather Report:

OVERCAST LOW 54 High 57
LIGHT RAIN till Noon

Other Notes:

Air Monitoring Non-Detect all Day

7.67
9.9
14.2
13.1
12.4

11.8
11.6
9.9
9.2
17.2

| | |
|---------------------|------------------------|
| Project/Job Number: | City of Anniston |
| Foreman: | James Bumpers |
| Job Site Location: | 6 Street @ Green Addie |
| Date: | WED 11-18-09 |

Description of Work Being Done Today:

- Safety Meeting
- Check B.M. P.O. - EXTRA Silt Fence: Many Bales Placed in Creek
- COA: Decon machine: Moved to Southwest side of Creek: Working Toward West. Started Creek dig on South side. COA Completed dig after lunch
- Tyler: Scheduled Surveyor: managed all BMP installation & Removal. 2 loads of Custer Run install on Roads. Decon C.O.A. Excavator. Decon eight Trucks @ office
- E.P.A. Inspection site @ 3: P.m. approval to Demolish

Leslie Shawer

EPA Debbie Kristensen

Jersey Hopper (FF)

Labor

| Name | Occupation | Hours |
|--------------|------------|-------|
| James Catton | Tech | 12 |
| James Ford | Tech | 12 |
| | | |
| | | |

Weather Report:

Clear Low 34 High 51

9 loads shipped to 3 corners on Turbidity: 2 Belloff loaded to be shipped later.

TOTAL 24 loads -

Other Notes:

Air Monitoring Now - Detect all Day

APPENDIX C

PHOTOGRAPHIC LOG OF CONSTRUCTION ACTIVITIES



Dredge Spoil Area 6 Prior to Removal



Dredge Spoil Area 5 Prior to Removal



Dredge Spoil Area 4 Prior to Removal



Foundry Debris at Dredge Spoil Area 6 Prior
to Removal



Foundry Debris Collected from Dredge Spoil
Area 5 Prior to Removal



Removal from North Bank Side of Snow Creek
- Facing South



Removal from North Bank Side of Snow Creek
- Facing East



Foundry Debris Observed on North Bank Side
of Snow Creek



Snow Creek Sediment Control Barriers



Removal from South Bank Side of Snow Creek
– Facing West



Foundry Debris Observed on South Bank Side
of Snow Creek



Dredge Spoil Areas Following Removal



Restoration of South Bank Side of Snow Creek
Following Removal



Completion of Removal Activities

APPENDIX D
RESIDUAL SEDIMENT SAMPLING REPORT

Memo

To: Gayle Macolly, Solutia
From: Michael Price, Genesis Project, Inc.
cc: Jerry Hopper, R S Williams Associates
Date: December 2, 2009
Re: City of Anniston Snow Creek Sediment Removal Project Sampling Results, Solutia, Inc. Anniston, AL

On November 19, 2009, Genesis Project, Inc. completed a post-excavation soil and sediment sampling event in support of the City of Anniston (City) Snow Creek Sediment Removal Work. The City removed sediment from the north and south sides of the creek as well as three dredge spoil piles located on the south side of the creek. The purpose of this sampling event was to determine the concentrations of PCBs, if any, in the post-excavation soils and sediments.

Sampling Procedures

Prior to sampling, the dredge spoil pile footprints were identified and labeled (EX-SC-4, EX-SC-EX-5-1, EX-SC-5-2, and EX-SC-6). The approximate locations are shown on Figure 1. Three-point composite samples were collected from each location at a depth of 0-3". Additionally, the approximate area of excavation along the northern and southern banks of Snow Creek were identified and labeled (EX-NS-1 and EX-SS-1). The approximate locations are shown on Figure 1. Five-point composite sediment samples were collected from each location at a depth of 0-3". All samples were collected utilizing a stainless steel hand auger and thoroughly mixed in a stainless steel bowl with a stainless steel spoon. Samples were then placed in a certified, clean 4oz jar for analysis.

Soil Sample Results

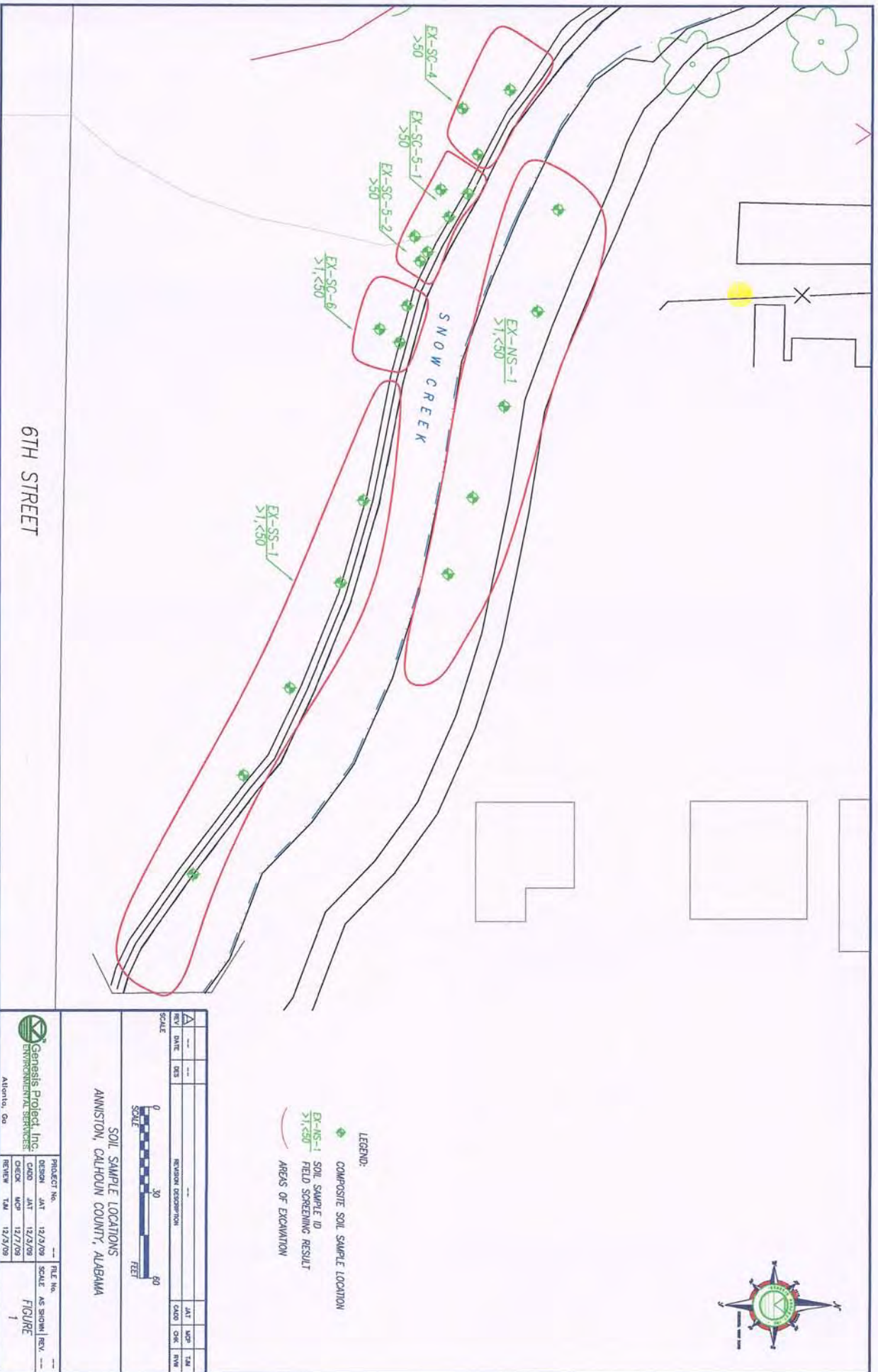
On November 20, 2009, the samples were field screened for PCBs using USEPA Method 4020. Samples EX-SC-4, EX-SC-5-1, and EX-SC-5-2 reported greater than 50ppm, and sample EX-SC-6 reported greater than 1ppm and less than 50ppm. Both sediment samples (EX-NS-1 and EX-SS-1) reported PCB concentrations greater than 1ppm and less than 50ppm. The results of the field screening analysis are included in Table 1 and are shown on Figure 1.

**Table 1: City of Anniston
Snow Creek Sediment Removal Project
Sampling Results
Solutia, Inc.
Anniston, AL**

| Sample ID | Date Analyzed | Field PCB Screening Result (PPM) |
|-----------|---------------|----------------------------------|
| | | |
| EX-SS-1 | 11/20/09 | >1, <50 |
| | | |
| EX-NS-1 | 11/20/09 | >1, < 50 |
| | | |
| EX-SC-4 | 11/20/09 | >50 |
| | | |
| EX-SC-5-1 | 11/20/09 | >50 |
| | | |
| EX-SC-5-2 | 11/20/09 | >50 |
| | | |
| EX-SC-6 | 11/20/09 | >1, <50 |
| | | |

FOOTNOTES:

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



APPENDIX E
WASTE MANIFEST FORMS

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

SOLUTIA, INC.
702 CLYDESDALE AVENUE

ANNISTON, AL 36201-5328

Site Information

ANNISTON PCB SITE
CORNER OF GLENNADDIE AVE & 6TH
ST
ANNISTON, AL 36207-

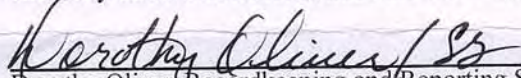
CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
ANNISTON PCB SITE

as described on Hazardous Waste Manifest Number 001075869GBF-1

Waste Management, Inc. hereby certifies that the above described material (exluding 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 falseor 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 p~~er~~sons who, acting
under my direct instructions, made the verification that this information is true, accurate and complete.



Dorothy Oliver, Recordkeeping and Reporting Supervisor

November 30, 2009

| OSD | Unique ID | Cont # | Profile | Disposed | Description |
|----------|-----------------|--------|---------|----------|--------------------------------|
| 11/17/09 | 001075869GBF-01 | 1 | CM9879 | 11/23/09 | ANNISTON PCB SITE CONSENT DECR |



Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

SOLUTIA, INC.
702 CLYDESDALE AVENUE

ANNISTON, AL 36201-5328

Site Information

ANNISTON PCB SITE
CORNER OF GLENNADDIE AVE & 6TH
ST
ANNISTON, AL 36207-

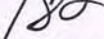
ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: ANNISTON PCB SITE
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001075869GBF

This copy is to acknowledge that Chemical Waste Management Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMMA Permit, issued by the Alabama Department of Environmental Management (RCRA)

Dorothy Oliver 
Recordkeeping and Reporting Supervisor

November 30, 2009

A1 ENV CWM

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 EXEMPT ✓ | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 001075869 GBF | |
| 5. Generator's Name and Mailing Address SOLUTIA, INC 702 CLYDESDALE AVE ANNISTON AL 36201-5328 (205) 231-3476 | | | Generator's Site Address (if different than mailing address) ANNISTON PCB SITE 1301 WOODSTOCK AVE ANNISTON AL 36207 Corner of Glenn Addie Ave. 1/6th St. | | | |
| 6. Transporter 1 Company Name ACTION RESOURCES, INC. | | | U.S. EPA ID Number ALR000007237 | | | |
| 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 | | | U.S. EPA ID Number 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. Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | |
| X | 1. RQ, POLYCHLORINATED BIPHENYLS, SOLID, 9, UN3432, III CM9879 | 001 CM | 18000 | K | | |
| | 2. ROLL off A-1 ENV | | 10/23 | 11/23/09 | | |
| | 3. | | | | | |
| | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. CM9879 ERG-171 ✓ NEW OSD: 11-17-09 POB | | | | | | |
| 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/Offor's Printed/Typed Name DONN WILLIAMS | | Signature <i>[Signature]</i> | | Month Day Year 11 23 09 | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. | | Port of entry/exit: Date leaving U.S.: | | | | |
| Transporter signature (for exports only): | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name <i>[Signature]</i> | | Signature <i>[Signature]</i> | | Month Day Year 11 23 09 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Corrected wt. per Don Williams 11/23/09 Corrected site address per Don Williams 11/23/09 | | | | | | |
| 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. 1130 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 <i>[Signature]</i> | | Signature <i>[Signature]</i> | | Month Day Year 11 23 09 | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PTEDMONT, AL, 36272
Ph: (256) 747-1881

Original
Ticket# 251365

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/16/2009 Vehicle# D09
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047014 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 101-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/16/2009 16:05:59 | Scale1 | jshields | | Tare | 58640 lb |
| Out | 11/16/2009 16:29:57 | Scale1 | jshields | | Net | 28140 lb |
| | | | | | Tons | 30500 lb |
| | | | | | | 15.25 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 15.25 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Handwritten Signature





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | |
|--|--|--|--|--|-------------------------------------|--|------------------------------------|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD0004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | |
| 3. Generator's Name and Mailing Address WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047014 | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID 256 835-1800 | | D. Transporter's Phone | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. WM Profile # CFB400 <i>Truck Jerry D-09</i> | | | | 001 CM | | 00020 | CY | | |
| b. WM Profile # | | | | | | | 15.25 tons | | |
| c. WM Profile # | | | | | | | | | |
| d. WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # NEW | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 <i>D.W.</i> | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed/Typed Name <i>Donn Williams</i> | | | | Signature "On behalf of" <i>Donn Williams</i> | | Month Day Year <i>11/1/99</i> | | | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Harley Langston</i> | | | | Signature <i>Harley Langston</i> | | Month Day Year <i>11/1/60/9</i> | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | Month Day Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name <i>Jennifer Meids</i> | | | | Signature <i>Jennifer Meids</i> | | Month Day Year <i>11/1/99</i> | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PITDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251366

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/16/2009 Vehicle# D2152
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047015 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume



| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/16/2009 16:11:26 | Scale1 | jshields | | Tare | 45940 lb |
| Out | 11/16/2009 16:32:45 | Scale1 | jshields | | Net | 27920 lb |
| | | | | | Tons | 18020 lb |
| Comments | | | | | | 9.01 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 9.01 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Jimmy Bahr

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019046 | Manifest Document No. | 2. Page 1 of 1 |
|--|--|---|-----------------------|----------------------------|
| 3. Generator's Name and Mailing Address SOLITA, INC. (DONN WILLIAMS) 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | A. Manifest Number WMNA 11047015 | | |
| 4. Generator's Phone | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | C. State Transporter's ID 256 835-1800 | | |
| 6. US EPA ID Number 1525042AL | | D. Transporter's Phone | | |
| 7. Transporter 2 Company Name | | E. State Transporter's ID | | |
| 8. US EPA ID Number | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | G. State Facility's ID | | |
| 10. US EPA ID Number | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB CONTAMINATED SOIL AND DEBRIS | | 001 CM | 00020 | CY |
| b. WM Profile # | | | | |
| c. WM Profile # | | | | |
| d. WM Profile # | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | |
| Landfill _____ Solidification _____ | | Cell _____ Level _____ | | |
| Bio Remediation _____ | | Grid _____ | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA PO# | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | |
| Purchase Order # New | | EMERGENCY CONTACT: Bill | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" "SOLITA" Bill | | Month Day Year 11 16 09 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name Jimmy Baber | | Signature Jimmy Baber | | Month Day Year 11 16 09 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name | | Signature | | Month Day Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | |
| Printed/Typed Name Donna Shields | | Signature Donna Shields | | Month Day Year 11 16 09 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251388

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RO
Ticket Date 11/17/2009 Vehicle# 152
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047020 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume



| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 10:43:23 | Scale1 | jshields | | Tare | 65660 lb |
| Out | 11/17/2009 11:01:04 | Scale1 | jshields | | Net | 28120 lb |
| | | | | | Tons | 37540 lb |
| | | | | | | 18.77 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 18.77 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Driver's Signature

Jimmy Baker

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

152

CWM

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

| | | | | | | | | | |
|--|--|---|--|--|--|--|-------------------|-----------------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | |
| 3. Generator's Name and Mailing Address SOLUTIA INC (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047020 | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID 256 835-1800 | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone | | | |
| | | | | | | G. State Facility's ID | | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. WM Profile # CF0400 TRUCK TAYLOR | | | | 001 CM | | 00020 CY | 18.77 TONS | | |
| b. WM Profile # | | | | | | | | | |
| c. WM Profile # | | | | | | | | | |
| d. WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | |
| 15. Special Handling Instructions and Additional Information SNOW CRACK COAT POB | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 EW | | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed/Typed Name DONN WILLIAMS | | | | Signature "On behalf of" "Solutia" EW | | | | Month Day Year 11/11/09 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jimmy BABER | | | | Signature Jimmy Baber | | | | Month Day Year 11/11/09 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name TOM JONES | | | | Signature Tom Jones | | | | Month Day Year 11/11/09 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
-PIEDMONT, AL, 36272
Ph: (256) 447-1884

Original
Ticket# 251394

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D11
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047019 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 11:54:16 | Scale1 | jshields | | | 69200 lb |
| Out | 11/17/2009 12:13:16 | Scale1 | jshields | | Tare | 27960 lb |
| | | | | | Net | 41240 lb |
| | | | | | Tons | 20.62 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 20.62 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|---|--|--|--|---|--|----------------------------------|--|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SEAN WILLIAMS 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047019 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. WM Profile # CF6400 | | | | 001 CM | | 00020 | | CY | | | |
| b. WM Profile # | | | | | | 20.62 tons | | | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # new EMERGENCY CONTACT: WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" Solutia | | | | Month Day Year 11/1/09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jason A Jones | | | | Signature [Signature] | | | | Month Day Year 11/1/09 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jonathan Shields | | | | Signature [Signature] | | | | Month Day Year 11/1/09 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251390

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D09
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047016 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

(7)

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 11:42:19 | Scale1 | jshields | | Tare | 66880 lb |
| Out | 11/17/2009 11:42:19 | | jshields | | Net | 28140 lb |
| | | | | | Tons | 38740 lb |
| | | | | | | 19.37 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.37 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Marky Lutz





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | | |
|--|--|---|--|---|--|---|-------------------|-----------------------------------|-------------------------------|--|-----------------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | | |
| 3. Generator's Name and Mailing Address DOON WILLIAMS 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047016 | | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | | | | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | | | |
| a. CF8400 Truck Jerry Dog | | | | 001 CM | | 00020 | CY | | | | | |
| b. WM Profile # | | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow hok Co A POB | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-307-1187 | | | | | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: DW | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | | |
| Printed/Typed Name Harley Langley | | | | Signature "On behalf of" Harley Langley | | | | Month Day Year 11/11/09 | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Don Williams | | | | Signature "Don Williams" | | | | Month Day Year 11/11/09 | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Tom Jones | | | | | | | | | Signature Tom Jones | | Month Day Year 11/11/09 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL 36272
Ph: (256) 447-1881

Original
Ticket# 251391

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D12
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047018 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 11:45:07 | Scale1 | jshields | | Tare | 67680 lb |
| Out | 11/17/2009 11:45:07 | | jshields | | Net | 27820 lb |
| | | | | | Tons | 39860 lb |
| Comments | | | | | | 19.93 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 19.93 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Ronald B Moscar





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|--|--|---|--|--|--|-----------------------------------|--|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SEPTON AND DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047018 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID 7 | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID 256 835-1800 | | D. Transporter's Phone | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. WM Profile # CFB400 | | | | 001 CM | | 19.93 TONS | | 00020 CY | | | |
| b. WM Profile # | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" Donn Williams | | | | Month Day Year 11/17/09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name Randall B Mosley | | | | Signature Randall B Mosley | | | | Month Day Year 11/17/09 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | | | | |
| Printed/Typed Name Tom Jones | | | | Signature Tom Jones | | | | Month Day Year 11/17/09 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251403

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RD
Ticket Date 11/17/2009 Vehicle# 152
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047027 Grid
Destination 4503744475
PO CF6400 (Special Waste Misc)
Profile 181-SOLUTIA SOLUTIA
Generator

Volume

| | Time | Scale | Operator | Inbound | Gross |
|-----|---------------------|--------|----------|---------|----------|
| In | 11/17/2009 13:06:40 | Scale1 | jshields | | 66940 lb |
| Out | 11/17/2009 13:06:40 | | jshields | | 28120 lb |
| | | | | | 38820 lb |
| | | | | | 19.41 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.41 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Jenny Baker



NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | |
|--|--|--|--|---|--|---|-------------------|-----------------------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address DR. DONN WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 | | | | A. Manifest Number WMNA 11047027 | | | | |
| 4. Generator's Phone 256 231-8483 | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 8 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | |
| | | | | | | F. Transporter's Phone | | |
| | | | | | | G. State Facility's ID | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. WM Profile # CF6400 | | | | 001 CM | | 00020 | CY | |
| b. WM Profile # | | | | | | | | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | |
| 15. Special Handling Instructions and Additional Information SNOW BUCK COA | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: DW | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" DW | | | | Month Day Year 11/11/99 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jimmy Baber | | | | Signature Jimmy Baber | | | | Month Day Year 11/11/99 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jennifer Shuler | | | | Signature Jennifer Shuler | | | | Month Day Year 11/11/99 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251416

Customer Name SOLUTIA_CF6400_CW5520_408_SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D09
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047026 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 14:04:21 | Scale1 | jshiels | | Tare | 71200 lb |
| Out | 11/17/2009 14:04:21 | | jshiels | | Net | 28140 lb |
| | | | | | Tons | 43060 lb |
| | | | | | | 21.53 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 21.53 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Hank Luby



NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|--|--|---|--|--|--|----------------------------------|--|--------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SOLITA INC (DON WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047026 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID 256 835-1800 | | D. Transporter's Phone | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | 15. Misc. Comments | |
| a. WM Profile # CF8400 | | | | 001 CM | | 00020 | | CY | | Junk Jerry Dog | |
| b. WM Profile # | | | | | | 21.53 | | TON | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snowcrab COA POF | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: Don Williams | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "Solita" | | | | Month Day Year 11/1/09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name HAROLD KANLEY BABER | | | | Signature Harold Kanley Baber | | | | Month Day Year 11/1/09 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name John Shields | | | | Signature John Shields | | | | Month Day Year 11/1/09 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251418

Customer Name SOLUTIA_CF6400_CW5520_408_SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D12
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047025 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 14:12:22 | Scale1 | jshields | | | 69820 lb |
| Out | 11/17/2009 14:12:22 | | jshields | | Tare | 27820 lb |
| | | | | | Net | 42000 lb |
| Comments | | | | | Tons | 21.00 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 21.00 | Tons | | | | |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |
| | | | | | | | CALAL |

Driver's Signature

Randall B Mosley

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | |
|--|--|---|--|----------------------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | Manifest Document No. | 2. Page of 1 |
| 3. Generator's Name and Mailing Address STANLEY W. WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | A. Manifest Number WMNA 11047025 | | |
| 4. Generator's Phone | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | C. State Transporter's ID (7) 256 835-1800 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | E. State Transporter's ID | |
| | | | F. Transporter's Phone | |
| | | | G. State Facility's ID | |
| | | | H. Facility's Phone 256 447-1881 | |
| 11. Description of Waste Materials | | 12. Containers | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB CONTAMINATED SOIL AND DEBRIS | | No. Type | | |
| WM Profile # CF8400 | | 001 CM | 00020 | CY |
| b. WM Profile # | | | 21.00 | Tons |
| c. WM Profile # | | | | |
| d. WM Profile # | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | |
| Landfill _____ Solidification _____ | | Cell _____ Level _____ | | |
| Bio Remediation _____ | | Grid _____ | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB | | WEIGHT TICKET REQUIRED WITH EACH LOAD | | |
| Purchase Order # New | | EMERGENCY CONTACT: DONN WILLIAMS 601-807-1187 | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" "Solixia" Williams | | Month Day Year 4/11/99 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name Ronald B. Mosley | | Signature Ronald B. Mosley | | Month Day Year 4/11/99 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name | | Signature | | Month Day Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | |
| Printed/Typed Name Johnnie Shivers | | Signature Johnnie Shivers | | Month Day Year 4/11/99 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251419

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/17/2009 Vehicle# D11
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047024 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 14:29:16 | Scale1 | jshields | | Tare | 68380 lb |
| Out | 11/17/2009 14:29:16 | | jshields | | Net | 27960 lb |
| | | | | | Tons | 40420 lb |
| Comments | | | | | | 20.21 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 20.21 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |



Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|---|--|--|--|---|--|-----------------------------------|--|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SEAN R. DONN WILLIAMS 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047024 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. CF6400 Truck Jerryx | | | | 001 CM | | 00020 CY | | | | | |
| b. WM Profile # | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow lub CMA PO# WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 Purchase Order # New EMERGENCY CONTACT: Dallas | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" DW | | | | Month Day Year 11/17/09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jason A Jones Signature JA Month Day Year 11/17/09 | | | | | | | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Donn Williams Signature DW Month Day Year 11/17/09 | | | | | | | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251421

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RO
Ticket Date 11/17/2009 Vehicle# 152
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047022 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/17/2009 15:14:41 | Scale1 | jshields | | Tare | 65220 lb |
| Out | 11/17/2009 15:14:41 | | jshields | | Net | 28120 lb |
| | | | | | Tons | 37100 lb |
| Comments | | | | | | 18.55 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 18.55 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Jimmie Bolen

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | |
|--|--|---|--|--|--|---|-------------------|----------------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL0004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | |
| 3. Generator's Name and Mailing Address SPRINGER DONN WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047022 | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. WM Profile # CF0400 | | | | 001 CM | | 00020 | CY | | |
| b. WM Profile # | | | | | | | | | |
| c. WM Profile # | | | | | | | | | |
| d. WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | |
| 15. Special Handling Instructions and Additional Information Snowcheck COA PO# | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 DW | | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" Solutia | | | | Month Day Year 11/1/09 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jimmy Baber | | | | Signature Jimmy Baber | | | | Month Day Year 11/1/09 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Donn Williams | | | | Signature Donn Williams | | | | Month Day Year 11/1/09 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251422

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D12
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047028 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 06:59:28 | Scale1 | jshields | | Tare | 63880 lb |
| Out | 11/18/2009 06:59:28 | | jshields | | Net | 27820 lb |
| | | | | | Tons | 36060 lb |
| Comments | | | | | | 18.03 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 18.03 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Rex 11 B. B. B. B. B.





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | |
|---|--|--|--|--------------------|-------------------|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | Manifest Document No. | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address DOON WILLIAMS 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | A. Manifest Number WMNA 11047028 | | | | |
| 4. Generator's Phone | | B. State Generator's ID (R) | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | C. State Transporter's ID 256 835-1800 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | D. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | E. State Transporter's ID | | | |
| | | | F. Transporter's Phone | | | |
| | | | G. State Facility's ID | | | |
| | | | H. Facility's Phone 256 447-1881 | | | |
| GENERATOR | 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Misc. Comments |
| | a. WM Profile # CF6400 <i>Trach Jerry PIZ</i> | | 001 CM | 00020 | CY | |
| | b. WM Profile # | | | | 18.0 BTons | |
| | c. WM Profile # | | | | | |
| | d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information Snovdunk COA PO# New | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DOON WILLIAMS 801-807-1187 <i>DW.L</i> | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Printed/Typed Name <i>Donn Williams</i> Signature "On behalf of" <i>Sehula</i> Month <i>11</i> Day <i>11</i> Year <i>88</i> | | | | | | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Donald B. Moore</i> Signature <i>Donald B. Moore</i> Month <i>11</i> Day <i>11</i> Year <i>88</i> | | | | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____ | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name <i>Shirley</i> Signature <i>Shirley</i> Month <i>11</i> Day <i>11</i> Year <i>88</i> | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251423

Customer Name SOLUTIA_CF6400_CW5520_408 SOIL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D09
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047023 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

2

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 07:01:33 | Scale1 | jshields | | Tare | 73320 lb |
| Out | 11/18/2009 07:01:33 | | jshields | | Net | 28140 lb |
| | | | | | Tons | 45190 lb |
| | | | | | | 22.59 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 22.59 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Harry L...





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | |
|--|--|---|--|---|--|---|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page of 1 | | |
| 3. Generator's Name and Mailing Address DOON WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047023 | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials a. PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| WM Profile # CF8400 | | | | 001 CM | | 000020 | CY | |
| b. WM Profile # | | | | | | | | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DOON WILLIAMS 601-807-1187 | | | | |
| Purchase Order # New | | | | EMERGENCY CONTACT: | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed/Typed Name Doon Williams | | | | Signature "On behalf of" Doon Williams | | Month Day Year 11/1/89 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Harley Landley | | | | Signature Harley Landley | | Month Day Year 11/1/89 | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | Month Day Year | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jennifer Shields | | | | Signature Jennifer Shields | | Month Day Year 11/1/89 | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251431

Customer Name SOLUTIA_CF6400_CW5520_408 SPL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D11 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047021 Grid
Destination PO
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

(P)

| | Time | Scale | Operator | Inbound | Gross | 66720 lb |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 08:30:06 | Scale1 | jshields | | Tare | 27960 lb |
| Out | 11/18/2009 08:30:06 | | jshields | | Net | 38760 lb |
| | | | | | Tons | 19.38 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 19.38 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | Manifest Document No. | 2. Page of 1 |
|--|--|---|-----------------------|---|
| 3. Generator's Name and Mailing Address SOLUTIONS INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | A. Manifest Number WMNA 11047021 | | |
| 4. Generator's Phone 256 231-8483 | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | E. State Transporter's ID |
| | | | | F. Transporter's Phone |
| | | | | G. State Facility's ID |
| | | | | H. Facility's Phone 256 447-1881 |
| 11. Description of Waste Materials | | 12. Containers | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB CONTAMINATED SOIL AND DEBRIS | | No. Type | | |
| WM Profile # CF6400 | | 001 CM | 00020 | CY |
| b. WM Profile # | | | | |
| c. WM Profile # | | | | |
| d. WM Profile # | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | |
| Landfill _____ Solidification _____ | | Cell _____ Level _____ | | |
| Bio Remediation _____ | | Grid _____ | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA PO# | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | |
| Purchase Order # _____ | | EMERGENCY CONTACT: _____ | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" "SOLUTIONS" | | Month Day Year 11/18/99 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name JASON A JONES | | Signature [Signature] | | Month Day Year 11/18/99 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | |
| Printed/Typed Name | | Signature | | Month Day Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | |
| Printed/Typed Name [Signature] | | Signature [Signature] | | Month Day Year 11/18/99 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251434

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RO
Ticket Date 11/18/2009 Vehicle# 152
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047029 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 08:45:48 | Scale1 | jshields | | | 61540 lb |
| Out | 11/18/2009 08:45:48 | | jshields | | Tare | 28120 lb |
| | | | | | Net | 33420 lb |
| | | | | | Tons | 16.71 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 16.71 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Jimmy Baker

Driver's Signature

Total Fees
Total Ticket



NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|--|--|---|--|----------------------------------|--|-------------------|--|--------------------------------------|--|--|--|----------------------------------|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | | | | | | | | | |
| 3. Generator's Name and Mailing Address SCOTT B. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047029 | | | | | | | | | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | | | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | | | | | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | | | | | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | | | | | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | | | | | | | | | |
| a. WM Profile # CF6400 Truck Taylor 001 CM 00020 CY | | | | | | | | | | | | | | | | | | | |
| b. WM Profile # 112 | | | | | | | | | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | | | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek Cat POE Purchase Order # _____ NEW EMERGENCY CONTACT: | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 801-807-1187 DW | | | | | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" DW | | | | Month Day Year 11/1/80 | | | | | | | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jimmy BABER | | | | Signature Jimmy Baber | | | | Month Day Year 11/1/80 | | | | | | | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | | | | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jonathan Shields | | | | | | | | | | | | Signature Jonathan Shields | | | | Month Day Year 11/1/80 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251437

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier RSMS TRUCKING LLC
Ticket Date 11/18/2009 Vehicle# D19 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047030 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 09:08:06 | Scale1 | jshields | | Tare | 66940 lb |
| Out | 11/18/2009 09:26:07 | Scale1 | jshields | | Net | 28880 lb |
| | | | | | Tons | 38060 lb |
| | | | | | | 19.03 |

Comments:

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 19.03 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Ray Helt

⑨

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | Manifest Document No. | 2. Page of 1 | |
|--|--|---|-----------------------|----------------------|-------------------|
| 3. Generator's Name and Mailing Address SOUTH PLANTATION (WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | A. Manifest Number WMNA 11047030 | | | |
| 4. Generator's Phone | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. RSMs | | C. State Transporter's ID 256 825-1800 | | | |
| 6. US EPA ID Number 1525042AL | | D. Transporter's Phone | | | |
| 7. Transporter 2 Company Name | | E. State Transporter's ID | | | |
| 8. US EPA ID Number | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | G. State Facility's ID | | | |
| 10. US EPA ID Number | | H. Facility's Phone 256 447-1881 | | | |
| 11. Description of Waste Materials a. PCB CONTAMINATED SOIL AND DEBRIS | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. WM Profile # CF8400 | | 001 | CM | 00020 | CY |
| b. WM Profile # | | | | 19.03mg | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information Snow COA POB | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | |
| Purchase Order # New | | EMERGENCY CONTACT: [Signature] | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" [Signature] | | Month 11 | Day 18 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Kenny Holt | | Signature [Signature] | | Month 11 | Day 18 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month | Day |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name [Signature] | | Signature [Signature] | | Month 11 | Day 18 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251439

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D12
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047053 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | 66020 lb |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 09:28:52 | Scale1 | jshields | | Tare | 27820 lb |
| Out | 11/18/2009 09:28:52 | | jshields | | Net | 38200 lb |
| | | | | | Tons | 19.10 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.10 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

(P)

Total Fees
Total Ticket

Driver's Signature

Randall B Mosley





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|-----------------------------------|--|--------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address DOON WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047053 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials | | | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | | 15. Misc. Comments | |
| a. PCB CONTAMINATED SOIL AND DEBRIS | | | | No. Type | | | | | | | |
| WM Profile # CF6400 | | | | 001 CM | | 00020 | | CV | | | |
| b. WM Profile # | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | | | | | |
| Landfill _____ Solidification _____ | | | | Cell _____ Level _____ | | | | | | | |
| Bio Remediation _____ | | | | Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information SNOWMOBILE COA POE | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DOON WILLIAMS 601-807-1187 | | | | | | | |
| Purchase Order # UW | | | | EMERGENCY CONTACT: | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" SOLUTIA | | | | Month Day Year 11/18/99 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature Donn Williams | | | | Month Day Year 11/18/99 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature Donn Williams | | | | Month Day Year 11/18/99 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251447

Customer Name SOLUTIA_CF6400_CW5520_408-SOL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D09
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047052 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 11:32:38 | Scale1 | jshields | | Tare | 66800 lb |
| Out | 11/18/2009 11:32:38 | | jshields | | Net | 28140 lb |
| | | | | | Tons | 38660 lb |
| | | | | | | 19.33 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LDX | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.33 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

(7)

Total Fees
Total Ticket

Driver's Signature

Harley Lutz





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|---|--|--|--|---|--|----------------------------------|--|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SAINT AND DON WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047052 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. WM Profile # CF6400 | | | | 001 CM | | 00020 CY | | | | | |
| b. WM Profile # | | | | | | 19.33 tons | | | | | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # New EMERGENCY CONTACT: DONN WILLIAMS 801-807-1187 | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "SOLUTION" [Signature] | | | | Month Day Year 11/1/89 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Harley Lanzley | | | | Signature Harley Lanzley | | | | Month Day Year 11/1/89 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Janice Shreds | | | | Signature [Signature] | | | | Month Day Year 11/1/89 | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251448

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING
Ticket Date 11/18/2009 Vehicle# D11 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047051 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 11:46:19 | Scale1 | jshields | | Tare | 44300 lb |
| Out | 11/18/2009 11:46:19 | | jshields | | Net | 27960 lb |
| | | | | | Tons | 16340 lb |
| | | | | | | 8.17 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 8.17 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

(2)

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | |
|--|--|--|--|--|--|---|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address SOLUTION INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047051 | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. WM Profile # CF6400 | | | | 001 CM 00020 CY | | | | |
| b. WM Profile # | | | | | | | 8.17 TONS | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POE Purchase Order # _____ NEW | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 DW EMERGENCY CONTACT: | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "SOLUTION" | | Month Day Year 11/1/09 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jason A. Jones | | | | Signature [Signature] | | Month Day Year 11/1/09 | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | Month Day Year | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest Printed/Typed Name [Signature] | | | | Signature [Signature] | | Month Day Year 11/1/09 | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251453

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier RMS TRUCKING LLC
Ticket Date 11/18/2009 Vehicle# D19 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047050 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | 68440 lb |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/18/2009 12:06:56 | Scale1 | jshields | | Tare | 28880 lb |
| Out | 11/18/2009 12:06:56 | | jshields | | Net | 39560 lb |
| | | | | | Tons | 19.78 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.78 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

(P)


Driver's Signature

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | Manifest Document No. | 2. Page 1 of 1 |
|--|--|--|-----------------------|----------------------------------|
| 3. Generator's Name and Mailing Address SOLUTIONS INC. (DONN WILLIAMS) 702 CLYDEDALE AVE ANNISTON AL 36201 256 231-8483 | | A. Manifest Number WMNA 11047050 | | |
| 4. Generator's Phone | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | C. State Transporter's ID 256 835-1800 | | |
| 6. US EPA ID Number 1525042AL | | D. Transporter's Phone | | |
| 7. Transporter 2 Company Name | | E. State Transporter's ID | | |
| 8. US EPA ID Number | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | G. State Facility's ID | | |
| 10. US EPA ID Number | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. WM Profile # CF0400 | | 001 CM | 00020 | CY |
| b. WM Profile # | | | 19.78 TONS | |
| c. WM Profile # | | | | |
| d. WM Profile # | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB WEIGHT TICKET REQUIRED WITH EACH LOAD NEW EMERGENCY CONTACT: DONN WILLIAMS 601-807-1187 | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" "SOLUTIONS" DW | | Month Day Year 11/1/80 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ronny Holt | | Signature Ronny Holt | | Month Day Year 11/1/81 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Donn Williams | | Signature Donn Williams | | Month Day Year 11/1/80 |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251525

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 11/20/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047046 Grid
Destination
PD 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/20/2009 08:47:14 | Scale1 | jshields | | Tare | 35780 lb |
| Out | 11/20/2009 09:08:24 | Scale1 | jshields | | Net | 31060 lb |
| | | | | | Tons | 4720 lb |
| | | | | | | 2.36 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 2.36 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

7

Total Fees
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | |
|--|--|---|--|--|--|---|----------------------------------|----------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D0004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address DONN WILLIAMS 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047046 | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 258 835-1800 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. WM Profile # CF6400 | | | | 001 CM | | 0.0020 | CV | 113098 Containers |
| b. WM Profile # | | | | | | 2.36 | TON | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # _____ New EMERGENCY CONTACT: _____ WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "SOLUTION" DWL | | | Month Day Year 11/2009 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Taylor Billy M Jr | | | | Signature Billy M Jr | | | Month Day Year 11/2009 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Donn Williams | | | | Signature Donn Williams | | | Month Day Year 11/2009 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251535

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 11/20/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047047 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 11/20/2009 11:14:11 | Scale1 | jshields | | Tare | 62780 lb |
| Out | 11/20/2009 11:35:36 | Scale1 | jshields | | Net | 31700 lb |
| | | | | | Tons | 31080 lb |
| Comments | | | | | | 15.54 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 15.54 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Posted

BDO m n

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWMH

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

| | | | | | | | | |
|--|--|---|--|--|------------------------------------|---|-----------------------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL0004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address SOLOTEC INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047047 | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | G. State Facility's ID | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | |
| GENERATOR | 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. WM Profile # CF6400 | | | 001 CM | | 00020 | CV | Container 104773 |
| | b. WM Profile # | | | | | | | 15.54 tons |
| | c. WM Profile # | | | | | | | |
| | d. WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # _____ New EMERGENCY CONTACT: DONN WILLIAMS 601-807-1187 | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD Dulk | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "Solutia" | | Month Day Year 11/20/09 | | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Taylor Billy McHair | | | | Signature Billy McHair | | Month Day Year 11/20/09 | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | Month Day Year | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Annifer Sheels | | | | Signature Annifer Sheels | | Month Day Year 11/20/09 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251572

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 11/23/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 11047048 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/23/2009 10:07:12 | Scale1 | jshields | | Tare | 74900 lb |
| Out | 11/23/2009 10:25:25 | Scale1 | jshields | | Net | 37920 lb |
| | | | | | Tons | 36980 lb |
| | | | | | | 18.49 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 18.49 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Paul

Total Fees
Total Ticket

Bill M. M...
Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

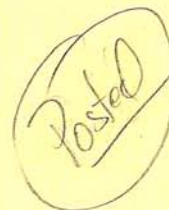
| | | | | | | | | |
|--|--|--|--|---|--|---|-------------------|---------------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL D004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | |
| 3. Generator's Name and Mailing Address Donn Williams 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047048 | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | |
| | | | | | | F. Transporter's Phone | | |
| | | | | | | G. State Facility's ID | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. WM Profile # CF6400 | | | | 001 CM | | 00020 | CM | Container 113101 |
| b. WM Profile # | | | | | | | | 18.49 tons 6th st. |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 | | | | |
| 15. Special Handling Instructions and Additional Information Snow Creek COA POB Purchase Order # _____ New EMERGENCY CONTACT: _____ | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Printed/Typed Name Donn Williams Signature "On behalf of" "SOLUTION" Month Day Year 11/2/99 | | | | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Taylor Billy McNaair Signature Billy McNaair Month Day Year 11/23/99 | | | | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name John Shields Signature John Shields Month Day Year 11/23/99 | | | | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 251583

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 11/23/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 1104709 Grid
Destination
PD 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA



| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 11/23/2009 12:18:48 | Scale1 | tdjones | | Tare | 36340 lb |
| Out | 11/23/2009 12:18:48 | | tdjones | | Net | 31040 lb |
| | | | | | Tons | 5300 lb |
| | | | | | | 2.65 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 2.65 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Bill M. Smith

Driver's Signature

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | |
|--|--|---|--|--|--|---|--|-----------------------------------|--|--------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | | | | |
| 3. Generator's Name and Mailing Address SEALIN E. DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 256 231-8483 | | | | A. Manifest Number WMNA 11047049 | | | | | | | |
| 4. Generator's Phone | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | | | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | | | |
| 11. Description of Waste Materials PCB CONTAMINATED SOIL AND DEBRIS | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | 15. Misc. Comments | |
| a. WM Profile # CF0400 | | | | 001 CM | | 00020 | | CY | | Container 107775 | |
| b. WM Profile # | | | | | | 2.65 TONS | | | | 64h st. | |
| c. WM Profile # | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information SNOWBARK COA POB | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 DW | | | | | | | |
| Purchase Order # NEW | | | | EMERGENCY CONTACT: | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" "SOLUTION" | | | | Month Day Year 11 23 09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name Taylor Billy M. Hair | | | | Signature Billy M. Hair | | | | Month Day Year 11 23 09 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | | | | |
| Printed/Typed Name | | | | Signature | | | | Month Day Year | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | | | | |
| Printed/Typed Name Tom Jones | | | | Signature Tom Jones | | | | Month Day Year 11 23 09 | | | |

APPENDIX D

**SNOW CREEK DREDGE SPOIL REMOVAL, 710 PINE STREET PROPERTY,
DECEMBER 18, 2012**



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
Meredith Harris, Roux Associates, Inc.
Alan Fowler, Arcadis, Inc.
Date: December 18, 2012
Re: Snow Creek Dredge Spoil Pile Removal, 710 Pine Street Property, Anniston PCB Site, Anniston, Alabama

Background

On October 15, 1998, Solutia Inc. submitted the *Dredge Spoil Area Evaluation Report*, prepared by Roux Associates, Inc., to the Hazardous Waste Branch of the Alabama Department of Environmental Management. The purpose of the report was to present the findings and proposed recommendations of the dredge spoil area evaluations conducted along Snow and Choccolocco Creeks.

Roux implemented several methods of investigation to identify and evaluate potential dredge spoil piles. Eight (8) potential areas were identified along the banks of Snow Creek. Area three (3) was partially located in the northwest corner of the property located at 710 Pine Street, Anniston, Alabama (parcel #2609/PPIN #63048), approximately 3,350 ft. from the confluence of the 11th Street Ditch and Snow Creek (Figure 1). The dredge spoil pile at this location reportedly had a length of 40 feet, a width of 13 feet, and a height of 7 feet.

One soil sample (SC-3) was collected from Area 3 in accordance with the *Dredge Spoil Area RFI/CS Work Plan* submitted by Roux on September 13, 1999. The sample was collected with the use of a post hole digger. Due to the size of Area 3 only one five point composite soil sample was collected.

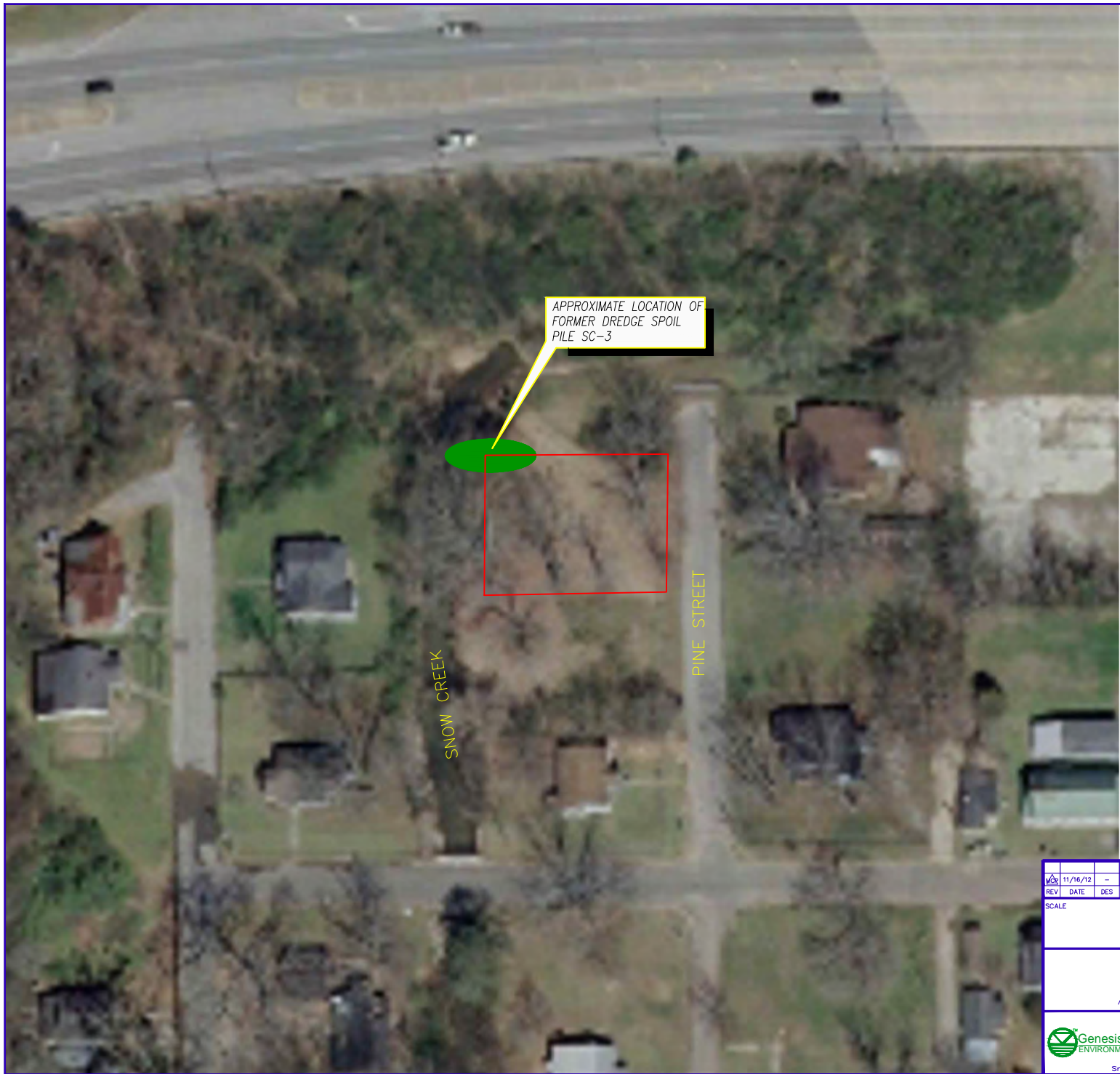
The sample was submitted for polychlorinated biphenyl (PCB) analysis by United States Environmental Protection Agency (USEPA) Method SW846 8082 and total mercury by USEPA Method SW846 6010B. Based on the analytical data provided by Savannah Laboratories,

composite soil sample SC-3 was found to have a total PCB concentration of 24.9 milligrams per kilogram (mg/kg) and a total mercury concentration of 0.20 mg/kg.

Dredge Spoil Pile Removal


On June 10, 2009, the residential removal contractor Entact and Associates, LLC (Entact) initiated residential soil removal activities at 710 Pine Street. During the performance of removal activities at this property, Entact personnel identified a portion of the dredge spoil pile Area 3 in the northwest corner of the property (Attachment 1, Photograph 1). After conferring with the residential removal manager and reviewing the *Dredge Spoil Area RFI/CS Phase I Report* to identify the concentration of PCBs in this dredge spoil pile, a decision was made to remove the entire pile. The soil was loaded into roll-off boxes and staged before being transported to Three Corners Landfill for disposal (Attachment 1, Photograph 2). Between June 26 and July 11, 2009, Industrial Waste, Inc. transported approximately 143.5 tons of PCB impacted soil to Three Corners Landfill for disposal. The soil disposal manifests are included in Attachment 2. After the dredge spoil pile was removed, the area was restored in a similar manner to 710 Pine St. (Attachment 1, Photograph 3), i.e., installation of clean vegetated soil cover.

FIGURE



LEGEND:

— PROPERTY LINE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

**ATTACHMENT 1
SITE PHOTOGRAPHS**



Photograph 1: Snow Creek Dredge Spoil Pile SC-3 Located in the Northwest Corner of 710 Pine Street (June 12, 2009).



Photograph 2: Dredge Spoil Pile SC-3 Staged in Roll-Off Boxes Before Being Transported to Three Corners Landfill (June 12, 2009).



Photograph 3: Dredge Spoil removed and Restored in a Similar Manner to 710 Pine St.
(June 24, 2009)

**ATTACHMENT 2
WASTE MANIFESTS**



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246346

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 06/26/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10823971 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

710
Pine
Taylor ✓

| Time | Scale | Operator | Inbound | Gross | |
|-------------------------|--------|----------|---------|-------|----------|
| In 06/26/2009 10:26:19 | Scale1 | jshiels | | Tare | 71220 lb |
| Out 06/26/2009 10:43:15 | Scale1 | jshiels | | Net | 31040 lb |
| | | | | Tons | 40180 lb |
| | | | | | 20.09 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

WASTE MANAGEMENT

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 20.09 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature

Bill P. Smith



NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | Manifest Document No. | 2. Page 1 of 1 | 4503744475 |
|--|--|--|-----------------------|--|-------------------|
| 3. Generator's Name and Mailing Address SOLUTIA, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | | | A. Manifest Number WMNA 10823971 | |
| 4. Generator's Phone 256 231-8483 | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256 447-1881 | |
| 11. Description of Waste Materials | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB CONTAMINATED SOIL AND DEBRIS | | | | | |
| WM Profile # CF8400 | | 001 CM | | 00020 | CY |
| b. | | | | | |
| WM Profile # | | | | 20.07 TONS | |
| c. | | | | | |
| WM Profile # | | | | | |
| d. | | | | | |
| WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | |
| Landfill _____ Solidification _____ | | | | Cell _____ Level _____ | |
| Bio Remediation _____ | | | | Grid _____ | |
| 15. Special Handling Instructions and Additional Information WEIGHT TICKET REQUIRED WITH EACH LOAD PO# 4503744475 DONN WILLIAMS 801-807-1187 Purchase Order # _____ EMERGENCY CONTACT: _____ | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Printed/Typed Name: Donn Williams Signature: [Signature] Month: _____ Day: _____ Year: _____ | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: Billy McNeil Signature: [Signature] Month: _____ Day: _____ Year: _____ | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____ | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____ | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 248105

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 08/13/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10919665 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 08/13/2009 10:27:29 | Scale1 | jshiels | | Tare | 38680 lb |
| Out | 08/13/2009 10:45:02 | Scale1 | jshiels | | Net | 30640 lb |
| | | | | | Tons | 8040 lb |
| Comments | | | | | | 4.02 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 4.02 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Total Fees
Total Ticket

Driver's Signature





NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. | Manifest Document No. | 2. Page of 1 | 1 |
|---|--|------------------------------|--|--|-------------------|
| 3. Generator's Name and Mailing Address Solutia Cydesdak Av. Anniston AL 36201 | | | | A. Manifest Number WMNA 10919665 | |
| 4. Generator's Phone | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256 447-1881 | |
| 11. Description of Waste Materials | | 12. Containers | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. CF 6400 contaminated Soil & Debris WM Profile # | | No. Type | 4,02 | | 710 Pine Av |
| b. WM Profile # | | | 1014 | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | |
| 15. Special Handling Instructions and Additional Information Purchase Order # 453744475 EMERGENCY CONTACT: | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. Printed/Typed Name _____ Signature "On behalf of" _____ Month Day Year 08/13/09 | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month Day Year | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month Day Year | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name _____ Signature _____ Month Day Year | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246549

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/01/2009 Vehicle# MACK1 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10823958 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 07/01/2009 11:21:13 | Scale1 | jshiels | | Tare | 65940 lb |
| Out | 07/01/2009 11:41:11 | Scale1 | jshiels | | Net | 32840 lb |
| | | | | | Tons | 33100 lb |
| Comments | | | | | | 16.55 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 16.55 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Penel

Total Fees
Total Ticket

Driver's Signature

[Signature]





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | |
|--|--|---|--|--|--|--|--|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. 14 D 0 0 4 0 1 9 0 4 8 | | Manifest Document No. | | 2. Page 1 of 1 | | 710 Pine Ave Can # 4840 | |
| 3. Generator's Name and Mailing Address SOLUTION, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | 4. Generator's Phone 256 231-8483 | | 6. US EPA ID Number 1 5 2 5 0 4 2 A L | | A. Manifest Number WMNA 10823958 | | B. State Generator's ID | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | 7. Transporter 2 Company Name | | 8. US EPA ID Number | | C. State Transporter's ID | | D. Transporter's Phone 256 835-1800 | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | 10. US EPA ID Number | | G. State Facility's ID | | H. Facility's Phone 256 447-1881 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. PCB CONTAMINATED SOIL AND DEBRIS 9/13/09 WM Profile # 10823971 CF8400 | | No. 0 0 1 Type CM | | 0 0 0 2 0 | | CY | | | |
| b. WM Profile # 8/13/09 1091966 | | | | | | 16.55 Tons | | | |
| c. WM Profile # | | | | | | | | | |
| d. WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information PO# 4503744475 WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187 Purchase Order # _____ EMERGENCY CONTACT: _____ | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | Printed/Typed Name Donn Williams | | Signature "On behalf of" Donn Williams | | Month Day Year 07 09 09 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Thomas Burney | | Signature Thomas Burney | | Month Day Year 11 29 09 | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Christopher Sheeps | | Signature Christopher Sheeps | | Month Day Year 07 09 09 | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246756

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/08/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10823955 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/08/2009 11:14:08 | Scale1 | jshields | | | 37660 lb |
| Out | 07/08/2009 11:32:32 | Scale1 | jshields | | Tare | 31520 lb |
| | | | | | Net | 6140 lb |
| | | | | | Tons | 3.07 |

Comments: 9/12/09 ✓
9/12/09 ✓

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 3.07 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Paid

Total Fees
Total Ticket

Boj R. Garcia
Driver's Signature





NON-HAZARDOUS MANIFEST

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

CWM

| | | | | | | | | | | | | | |
|--|--|--|--|----------------------------------|--|--|--|-----------------------|--|----------------------|--|--------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL0000010043 | | Manifest Document No. | | 2. Page 1 of 1 | | 4503744475 | | | | | |
| 3. Generator's Name and Mailing Address SOLUTIA, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | | | | | A. Manifest Number WMNA 10823955 | | | | | | | |
| 4. Generator's Phone 256 231-8483 | | | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | | | | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | | | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 BIRMINGHAM AL 35272 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | | | | | |
| | | | | | | F. Transporter's Phone | | | | | | | |
| | | | | | | G. State Facility's ID | | | | | | | |
| | | | | | | H. Facility's Phone 256 447-1881 | | | | | | | |
| 11. Description of Waste Materials | | | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol. | | I. Misc. Comments | |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF6400 | | | | | | 001 CM | | 00020 | | CY | | 710 Pine | |
| b. WM Profile # | | | | | | | | | | | | | |
| c. WM Profile # | | | | | | | | | | | | | |
| d. WM Profile # | | | | | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | | |
| 15. Special Handling Instructions and Additional Information Purchase Order # _____ WEIGHT TICKET REQUIRED WITH EACH LOAD PO# 4503744475 DONN WILLIAMS 601-807-1187 EMERGENCY CONTACT: | | | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | | | Signature "On behalf of" Solutia | | | | | | Month Day Year 6/1/89 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Thomas Boney | | | | | | Signature Thomas Boney | | | | | | Month Day Year 7/2/89 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Billy McGair | | | | | | Signature Billy McGair | | | | | | Month Day Year 7/9/89 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Shirley Shultz | | | | | | Signature Shirley Shultz | | | | | | Month Day Year 6/1/89 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246773

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/08/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10823956 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/08/2009 13:10:38 | Scale1 | jshields | | Tare | 64140 lb |
| Out | 07/08/2009 13:30:57 | Scale1 | jshields | | Net | 31980 lb |
| | | | | | Tons | 32160 lb |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 16.08 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Paid

Total Fees
Total Ticket

B. Og...
Driver's Signature

403WM





NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|-----------------------------------|-----------------------------------|---------------------|--|---------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL0004019048 | | Manifest Document No. | | 2. Page of 1 | | 4503744475 | | | | | |
| 3. Generator's Name and Mailing Address SOLITA, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | | | | | A. Manifest Number WMNA 10823956 | | | | | | | |
| 4. Generator's Phone 258 231-8483 | | | | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | | | | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | | | | | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | | | | | |
| | | | | | | F. Transporter's Phone | | | | | | | |
| | | | | | | G. State Facility's ID | | | | | | | |
| | | | | | | H. Facility's Phone 258 447-1881 | | | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | | | 12. Containers No. Type | | 13. Total Quantity | | 14. Unit Wt./Vol | | 15. Misc. Comments | |
| | a. PCB CONTAMINATED SOIL AND DEBRIS | | | | | 001 CM | | 00020 | | CR | | 710 Pine Av. | |
| | WM Profile # CF6400 | | | | | | | | | | | | |
| | b. WM Profile # | | | | | | | | | | | 16.08 | |
| | c. WM Profile # | | | | | | | | | | | TONS | |
| TRANSPORTER | d. WM Profile # | | | | | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above | | | | | K. Disposal Location | | | | | | | |
| | Landfill _____ Solidification _____ | | | | | Cell _____ Level _____ | | | | | | | |
| | Bio Remediation _____ | | | | | Grid _____ | | | | | | | |
| | 15. Special Handling Instructions and Additional Information | | | | | WEIGHT TICKET REQUIRED WITH EACH LOAD PO# 4503744475 DONN WILLIAMS 601-807-1187 | | | | | | | |
| FACILITY | 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | | |
| | Printed/Typed Name Donn Williams | | | | Signature "On behalf of" Donn Williams | | | | Month Day Year 01/08/99 | | | | |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | | | | | |
| | Printed/Typed Name Billy M. N... | | | | Signature Billy M. N... | | | | Month Day Year 01/08/99 | | | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | | | | | |
| Printed/Typed Name | | | | Signature | | | | Month Day Year | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature Donn Williams | | | | Month Day Year 01/08/99 | | | | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246808

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/09/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 10823957 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/09/2009 11:28:42 | Scale1 | jshiels | | Tare | 71140 lb |
| Out | 07/09/2009 11:44:28 | Scale1 | jshiels | | Net | 31620 lb |
| | | | | | Tons | 39520 lb |
| | | | | | | 19.76 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|-----------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ | 100 | 19.76 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg | 100 | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg | 100 | 1 | Load | | | | CALAL |

Fine

BCJ mgal
Driver's Signature

Total Fees
Total Ticket



NON-HAZARDOUS MANIFEST

CWM

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

| | | | | | | | | | |
|--|--|---|--|--|--|--|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. AL0004019048 | | Manifest Document No. | | 2. Page 1 of 1 | | 4503744475 | |
| 3. Generator's Name and Mailing Address SOLUTIA, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE ANNISTON AL 36201 | | | | | | A. Manifest Number WMNA 10823957 | | | |
| 4. Generator's Phone 256 231-8483 | | | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name TAYLOR CORP. | | | | 6. US EPA ID Number 1525042AL | | C. State Transporter's ID | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 256 835-1800 | | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 | | | | | | E. State Transporter's ID | | | |
| 10. US EPA ID Number | | | | | | F. Transporter's Phone | | | |
| 11. Description of Waste Materials a. PCB CONTAMINATED SOIL AND DEBRIS | | | | | | G. State Facility's ID | | | |
| 12. Containers No. Type | | | | | | 13. Total Quantity | | 14. Unit Wt./Vol | |
| WM Profile # CF8400 | | | | | | 001 CM | | 00020 CY | |
| b. WM Profile # | | | | | | | | I. Misc. Comments 710 Pine Av. | |
| c. WM Profile # | | | | | | | | | |
| d. WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | | | | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information WEIGHT TICKET REQUIRED WITH EACH LOAD PO# 4503744475 DONN WILLIAMS 601-807-1187 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed/Typed Name Donn Williams | | | | Signature "On behalf of" Solutia | | Month 01 | | Day 09 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Billy McNeil | | | | Signature Billy McNeil | | Month 02 | | Day 09 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | | | Signature | | Month | | Day | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jennifer Shields | | | | Signature Jennifer Shields | | Month 01 | | Day 09 | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246817

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/09/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 387790 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 07/09/2009 13:49:47 | Scale1 | jshiels | | Tare | 64940 lb |
| Out | 07/09/2009 14:07:17 | Scale1 | jshiels | | Net | 33800 lb |
| | | | | | Tons | 31140 lb |
| Comments | | | | | | 15.57 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 15.57 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Billy A. M.
Driver's Signature

403WM

Pine
Pine
Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019040 | Manifest Document No. | 2. Page of 1 | 450374475 |
|--|--|--|-----------------------|-------------------------------------|-------------------|
| 3. Generator's Name and Mailing Address SOLUTIA, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390 | | A. Manifest Number WMNA387790 | | 387790 | |
| 4. Generator's Phone 256 231-8483 | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name INDUSTRIAL WASTE / TRAYWORKS CORP. | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272 | | 10. US EPA ID Number 100200000000 | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256/447-1881 | |
| 11. Description of Waste Materials | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF6400 | | | | 15.57 TONS | |
| b. SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITROPHENOL (PNP) WM Profile # CW5520 | | | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information CERTIFICATE OF DISPOSAL REQUESTED Purchase Order # 450374475 EMERGENCY CONTACT: DONN WILLIAMS 601-807-1787 | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed/Typed Name Donn Williams | | Signature "On behalf of" Donn Williams | | Month Day Year 01 09 00 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Billy McRae | | Signature Billy McRae | | Month Day Year 09 09 00 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certificate of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Shirley Shields | | | | | |
| | | Signature Shirley Shields | | Month Day Year 01 09 00 | |



FREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246844

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE, INC
Ticket Date 07/10/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 387789 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/10/2009 09:40:11 | Scale1 | jshiels | | Tare | 67920 lb |
| Out | 07/10/2009 09:57:48 | Scale1 | jshiels | | Net | 31120 lb |
| | | | | | Tons | 36800 lb |
| | | | | | | 18.40 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 18.40 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Pine

Driver's Signature

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | Manifest Document No. | 2. Page of 1 | 450374475 | |
|--|--|---|-----------------------|-------------------------------------|-------------------|-------------------|
| 3. Generator's Name and Mailing Address SOLUTIA, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390 | | A. Manifest Number WMNA 387789 | | 387789 | | |
| 4. Generator's Phone 256 231-8483 | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name | | 6. US EPA ID Number | | C. State Transporter's ID | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272 | | 10. US EPA ID Number 100200000000 | | E. State Transporter's ID | | |
| | | | | F. Transporter's Phone | | |
| | | | | G. State Facility's ID | | |
| | | | | H. Facility's Phone 256/447-1881 | | |
| 11. Description of Waste Materials | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # | | | | 18.40 | | 710 Pine Av. |
| b. SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITROPHENOL (PNP) WM Profile # | | | | 7018 | | |
| c. WM Profile # | | | | | | |
| d. WM Profile # | | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid Pine | | | | |
| 15. Special Handling Instructions and Additional Information CERTIFICATE OF DISPOSAL REQUESTED Purchase Order # 450374475 EMERGENCY CONTACT: Don Williams 601-807-1187 | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | | |
| Printed/Typed Name Don Williams | | Signature "On behalf of" Solutia | | Month Day Year 07/10/97 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Billy McRae | | Signature Billy McRae | | Month Day Year 07/10/97 | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| 20. Facility Owner or Operator: Certificate of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name Jennifer Shields | | Signature Jennifer Shields | | Month Day Year 07/10/97 | | |



THREE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246862

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC
Ticket Date 07/10/2009 Vehicle# MACK2 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 387788 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

| | Time | Scale | Operator | Inbound | Gross | |
|----------|---------------------|--------|----------|---------|-------|----------|
| In | 07/10/2009 13:29:18 | Scale1 | jshields | | Tare | 38760 lb |
| Out | 07/10/2009 13:45:43 | Scale1 | jshields | | Net | 31680 lb |
| | | | | | Tons | 7080 lb |
| Comments | | | | | | 3.54 |

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 3.54 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Prime

Driver's Signature *Billy M. [Signature]*

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | Manifest Document No. | 2. Page of 1 | 4503744475 |
|--|--|---|-----------------------|-------------------------------------|-------------------|
| 3. Generator's Name and Mailing Address SOLUTION, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390 | | A. Manifest Number WMNA387788 | | 387788 | |
| 4. Generator's Phone 256 231-8483 | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272 | | 10. US EPA ID Number 100200000000 | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256/447-1881 | |
| 11. Description of Waste Materials | | 12. Containers No. Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF6400 | | | 354 | | 710 Pine Av. |
| b. SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITROPHENOL (PNP) WM Profile # CW5520 | | | Tong | | |
| c. | | | | | |
| WM Profile # | | | | | |
| d. | | | | | |
| WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid Pine | | | |
| 15. Special Handling Instructions and Additional Information CERTIFICATE OF DISPOSAL REQUESTED Purchase Order # 4503744475 EMERGENCY CONTACT: 601-807-1187 Don Williams | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed/Typed Name Don Williams | | Signature "On behalf of" [Signature] | | Month Day Year 01/10/09 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Billy McGee | | Signature [Signature] | | Month Day Year 01/10/09 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certificate of receipt of non-hazardous materials covered by this manifest. Printed/Typed Name [Signature] | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year 01/10/09 | |



THREE CORNERS LANDFILL
2200 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1891

Original
Ticket# 246914

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RO
Ticket Date 07/11/2009 Vehicle# MACK-200T
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 387786 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/11/2009 08:58:45 | Scale1 | jshields | | Tare | 78100 lb |
| Out | 07/11/2009 09:15:27 | Scale1 | jshields | | Net | 31100 lb |
| | | | | | Tons | 47080 lb |
| | | | | | | 23.54 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|-------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 23.54 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Paul

Bill McKin
Driver's Signature

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST

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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1 | 4503744475 |
|--|--|--|-----------------------|--|-------------------|
| 3. Generator's Name and Mailing Address | | SOLUTION, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390 | | A. Manifest Number WMNA 387786 387786 | |
| 4. Generator's Phone 256 231-8483 | | 6. US EPA ID Number | | B. State Generator's ID | |
| 5. Transporter 1 Company Name | | 8. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 10. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272 | | 10. US EPA ID Number 100200000000 | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256/447-1881 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | | No. | Type | | |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF6408 | | | | 23.54 TONS | MIO pine Av |
| b. SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITROPHENOL (PNP) WM Profile # CM5528 | | | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information CERTIFICATE OF DISPOSAL REQUESTED Purchase Order # 4503744475 EMERGENCY CONTACT: 601-807-1187 DONN Williams | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed/Typed Name Don Williams | | Signature "On behalf of" [Signature] | | Month Day Year 07/11/99 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name B. L. McRae | | Signature [Signature] | | Month Day Year 07/11/99 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certificate of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed/Typed Name Tom Jones | | Signature [Signature] | | Month Day Year 07/11/99 | |



EE CORNERS LANDFILL
2205 COUNTY ROAD 6
PIEDMONT, AL, 36272
Ph: (256) 447-1881

Original
Ticket# 246877

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier TAYLOR RD
Ticket Date 07/11/2009 Vehicle# MACK-200T
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0000408
State Waste Code Gen EPA ID NR
Manifest 307783 Grid
Destination
PO 4503744475
Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Volume

| | Time | Scale | Operator | Inbound | Gross | |
|-----|---------------------|--------|----------|---------|-------|----------|
| In | 07/11/2009 07:07:39 | Scale1 | jshiels | | Tare | 37500 lb |
| Out | 07/11/2009 07:29:06 | Scale1 | jshiels | | Net | 31740 lb |
| | | | | | Tons | 5760 lb |
| | | | | | | 2.88 |

Comments

MON-FRI 7:00 AM - 4:30 PM / SAT 7:00 AM - 11:30 AM / SUN - CLOSED

| Product | LD% | Qty | UOM | Rate | Fee | Amount | Origin |
|---------------------------|-----|------|------|------|-----|--------|--------|
| 1 NON-TSCA PCB SOIL/ 100 | | 2.88 | Tons | | | | CALAL |
| 2 FUEL-Fuel Surcharg 100 | | | % | | | | CALAL |
| 3 Evf8-Env Fee \$8 Lg 100 | | 1 | Load | | | | CALAL |

Paul

Billy McK
Driver's Signature

Total Fees
Total Ticket





NON-HAZARDOUS MANIFEST


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

| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. ALD004019048 | Manifest Document No. | 2. Page of 1 | 4503744475 |
|--|--|--|-----------------------|-------------------------------------|-------------------|
| 3. Generator's Name and Mailing Address SOLUTION, INC. 702 CLYDESDALE AVE. ANNISTON, AL 36201-5390 | | A. Manifest Number WMNA387783 | | | 387783 |
| 4. Generator's Phone 256 231-8483 | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL 36272 | | 10. US EPA ID Number 100200000000 | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility's ID | |
| | | | | H. Facility's Phone 256/447-1881 | |
| 11. Description of Waste Materials | | 12. Containers No. Type | | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF6400 | | | | 2.88 | 710 |
| b. SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITROPHENOL (PNP) WM Profile # CM5520 | | | | 172.5 | Pine Av. |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____ | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | |
| 15. Special Handling Instructions and Additional Information CERTIFICATE OF DISPOSAL REQUESTED Purchase Order # 4503744475 EMERGENCY CONTACT: 601-807-1187 Don Williams | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed/Typed Name Don Williams | | Signature "On behalf of" Don Williams "SOLUTION" | | Month Day Year 07 11 05 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name Billy M. Gray | | Signature Billy M. Gray | | Month Day Year 07 11 05 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certificate of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed/Typed Name Tom Jones | | Signature Tom Jones | | Month Day Year 07 11 05 | |

APPENDIX E

DREDGE SPOIL AREA DATA FORMS AND PHOTOS

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 1 / Snow Creek | | | | | | | |
| DATE OF INSPECTION: 9/11/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1147760.024 | 655051.9125 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 39' 17.9800" N | 85° 50' 13.1877" W | Left (L) | 2,950 | 686 | 26.6 | 0 (at top pf bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-2103-07-1-02-038 Calhoun Co. | Anniston Land Co., Inc Box 850 / 16 W. 11th St. Anniston, Alabama 36201 | | | | P.O. | Open Field/ Undeveloped |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type Area | In | (#17) Cover Type and Description | (#18) Is Vegetation Well Established? |
| | 57 | 30 | 6 (apprx) | Sand Silt Gravel | | Non-woven Geotextile; Weeds and brush | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | 2 : 1 | 12 | 2 : 1 | 12 | 2 : 1 | Slight erosion, impeded by heavy growth | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|---|--|---|---|---|---|--|--|
| AREA IDENTIFICATION NUMBER: Area 2 / Snow Creek | | | | | | | |
| DATE OF INSPECTION: 9/11/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1147762.065 | 654955.476 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 39' 18.0002" N | 85° 50' 14.3286" W | Right (R) | 2,950 | 690 | 22 | 15 (above bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-2103-07-1-02-037 Calhoun Co. | Anniston Land Co., Inc Box 850 / 16 W. 11th St. Anniston, Alabama 36201 | | | | P.O. | Hillside slope / wooded |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type Area | In | (#17) Cover Type and Description | (#18) Is Vegetation Well Established? |
| | 50 | 27 | 3 | Sand Silt Gravel | | Thick woods, briars, weeds | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | 2 : 1 | 4 | 2: 1 | 4 | 2 : 1 | Creek bank has eroded significantly. Eastern slope of pile has slumped toward the creek | |


AREA PHOTOGRAPH



DREDGE SPOIL AREA DATA


| | | | | | | | |
|--|--|--|---|--|---|--|--|
| AREA IDENTIFICATION NUMBER: Area 7 / Snow Creek | | | | | | | |
| DATE OF INSPECTION: 9/11/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1136330.112 | 657315.626 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 37' 24.9002" N | 85° 49' 46.4126" W | Right (R) ¹ | 15,500 | 650 | 0 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | * Multiple See Attached list | U.S. Castings/U.S. Pipe; Primax Properties, LLC; James Jennings; Donald O. & Zandra Sills; (Frank) Chien-Hwa Chen | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 186 | 30 | 3 | Sand Silt Gravel | Trees, ivy, vines, weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Primarily flat, parallel to creek | N/A | Near Vert. at creek bank | N/A | Portions near vertical at creek bank | Yes. Erosion of bank possibly cut significant portion of pile on east side. Width significantly smaller than indicated in previous investigation. | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|--|---|--|--|
| AREA IDENTIFICATION NUMBER: Area 8 / Snow Creek | | | | | | | |
| DATE OF INSPECTION: 9/11/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstream from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1136248.406 | 657329.164 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 37' 24.0919" N | 85° 49' 46.2525" W | Left (L) ¹ | 15,500 | 646 | 0 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | * Multiple See attached list | U.S. Castings/U.S. Pipe; Primax Properties, LLC; James Jennings; Donald O. & Zandra Sills; (Frank) Chien-Hwa Chen | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 228 | 70 | 3 | Sand Silt Gravel | Trees, ivy, vinces, weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Primarily flat, parallel to creek | N/A | Near Vert. at creek bank | N/A | Portions near vertical at creek bank | Yes. Erosion of bank possibly cut significant portion of pile on west side. Width significantly smaller than indicated in previous investigation. | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |

1. In the *Dredge Spoil Area Evaluation Report, October 1998* , Area 8 was incorrectly noted as being located on the Right bank looking downstream.

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 1 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1120576.528 | 631656.9024 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 48.9501" N | 85° 54' 49.7044" W | Right (R) | 45,500 | 589.4 | 70 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-04-0- 000-006-000 Talladega Co. | Wanda Champion 2863 Silver Run Road Oxford, Alabama 36203 | | | | Flood plain / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 130 | 100 | N/A Depth = 4' per NRCS | Sand Silt | Grass, tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|---|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 4 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1121685.715 | 635898.063 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 59.9733" N | 85° 53' 59.5825" W | Left (L) | 39,500 | 575.2 | 75 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (11) | | | | (12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-02-04-0-000- 013-000 Talladega Co. | Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type In Area | (17) Cover Type and Description | | (18) Is Vegetation Well Established? |
| | 100 | 85 | N/A Depth = 3to 5' per NRSC | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (19) | (20) | (21) | (22) | (23) | (24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |


AREA PHOTOGRAPH




DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 5 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1120929.394 | 635528.335 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 52.4686" N | 85° 54' 03.9470" W | Left (L) | 38,500 | 575.6 | 200 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-04-0- 000-013-000 Talladega Co. | Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 100 | 120 | N/A Depth = 3to 5' per NRSC | Sand Gravel Silt | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 7 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1119579.737 | 635212.4332 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 39.1138" N | 85° 54' 07.6704" W | Left (L) | 36,500 | 574.8 | 500 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (11) | | | | (12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-04-0- 000-016-000 Talladega Co. | Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type In Area | (17) Cover Type and Description | | (18) Is Vegetation Well Established? |
| | 160 | 20 | N/A Depth = 4' per NRCS | Sand Gravel Silt | Grass and weeds | | Yes |
| AREA SLOPE DATA | (19) | (20) | (21) | (22) | (23) | (24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER: Area 9 / Choccolocco Creek | | | | | | | |
|--|--|--|---|---|---|---|--|
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1119627.041 | 636273.837 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 39.5886" N | 85° 53' 55.1254" W | Left (L) | 36,500 | 574.8 | 0 | 3 (to top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (11) | | | | (12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-031-000 Talladega Co. | Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type In Area | (17) Cover Type and Description | | (18) Is Vegetation Well Established? |
| | 100 | 75 | N/A Depth = 0-7' per NRCS | Sand Gravel Silt | Grass and weeds | | Yes |
| AREA SLOPE DATA | (19) | (20) | (21) | (22) | (23) | (24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | 5 : 1 near creek edge | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 10 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1118980.283 | 637278.393 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 34' 33.1961" N | 85° 53' 43.2474" W | Left (L) | 34,000 | 577.8 | 200 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-033-000 Talladega Co. | Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268 | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 250 | 110 | 2 above top of bank, Depth =3 per NRSC | Sand Silt Gravel | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat at top | approx. 8 at edges where 4:1 slope | Flat at top | approx. 8 at edges where 4:1 slope | 4 : 1 at pile edges | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 12 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1118979.907 | 639068.1385 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 34' 33.2024" N | 85° 53' 22.0937" W | Left (L) | 32,000 | 580 | 80 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-034-000 Talladega Co. | Doris R. Burrows P.O. Box 3118 Oxford, Alabama 36203 | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 100 | 90 | N/A Depth = 4 to 5 per NRSC | Sand Silt Gravel | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Mostly Flat | N/A | Mostly Flat | N/A | 3 : 1 slope at west and south edge | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 15 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1119067.854 | 639824.8552 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 34.0765" N | | 85° 53' 13.1504" W | | Right (R) | 31,000 | 578.6 | 150 |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-029-000 Talladega Co. | Calhoun County Economic Development Council P.O. Box 2283 Anniston, Alabama 36202 | | | | Undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 70 | 150 | N/A Depth = 3 to 4 per NRSC | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 16 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1118743.848 | 640883.2374 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 34' 30.8762" N | 85° 53' 00.6391" W | Right (R) | 30,000 | 581.8 | 100 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-02-03-0- 000-029-000 Talladega Co. | Calhoun County Economic Development Council P.O. Box 2283 Anniston, Alabama 36202 | | | | Undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 165 | 100 | apprx. 2' tall; Depth = 2 to 5 per NRSC | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | 4 : 1 | 8 approx. | 4 : 1 | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 18 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/12/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1119480.3 | 644907.6022 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 34' 38.1790" N | 85° 52' 13.0771" W | Right (R) | 24,000 | 588 | 500 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-01-02-0- 000-009-000 | City of Anniston 1128 Gurnee Ave. Anniston, Alabama 36201 | | | | Airport buffer zone | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 130 | 150 | 3 Depth =2 per NRSC | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Mostly flat | N/A | Mostly flat | N/A | 3 : 1 (at northern edge) | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| AREA IDENTIFICATION NUMBER: Area 19 / Choccolocco Creek | | | | | | | |
|--|--|---|---|---|---|---|--|
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1118790.881 | 646112.8811 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| 33° 34' 31.3623" N | 85° 51' 58.8287" W | Left (L) | 23,000 | 588 | 250 | 0 (at top of bank level) | |
| LAND OWNERSHIP INFORMATION | (#10) | (11) | | | | (12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-01-02-0- 000-010-000 Talladega Co. | Billy Ray and Tommie Jean Camp 480 Kirby Road Oxford, Alabama 36203 | | | | Pasture | |
| PHYSICAL DESCRIPTION | (13) Length (ft) | (14) Width (ft) | (15) Height (ft) | (16) Soil Type In Area | (17) Cover Type and Description | | (18) Is Vegetation Well Established? |
| | 100 | 65 | N/A Depth = 5 to 6 per NRSC | Sand Silt Gravel | Grass and tall weeds | | Yes |
| AREA SLOPE DATA | (19) | (20) | (21) | (22) | (23) | (24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 23 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2013 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1121847.184 | 650250.8679 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 01.6099" N | 85° 51' 09.9273" W | Left (L) | 16,000 | 593.2 | 20 | 2 (above bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-01-01-0- 000-003-000 Talladega Co. | Joe N. Bennett 1608 Joe Street Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 185 | 100 | N/A Depth = 3 per NRSC | Sand & Silt | Grass, weeds, some trees planted along perimeter | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | 10 : 1 | 40 approx. | 10 : 1 | 40 approx. | 10 : 1 | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 24 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2013 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1121894.629 | 651514.1979 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 02.0814" N | 85° 50' 54.9943" W | Left (L) | 14,500 | 594.2 | ~ 5 (next to flood berm) | 2 (above bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-06-01-01-0- 000-003-000 Talladega Co. | Joe N. Bennett 1608 Joe Street Oxford, Alabama 36203 | | | | Pasture / Agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 280 | 165 | ~ 10 | Sand Silt Gravel | Grass | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | 3 : 1 w/ flat top | ~ 50 | 3 : 1 | ~ 50 | 3 : 1 | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 25 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1122206.739 | 652309.5733 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 05.1703" N | 85° 50' 45.5931" W | Left (L) | 13,500 | 595.5 | 70 | 0 (top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 61-05-03-06-0- 000-004-000 | Alabama Land Trust 226 Old Ladiga Road Piedmont, Alabama 36272 | | | | Flood plain / undeveloped | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 110 | 100 | N/A Depth = 4 to 5 per NRCS | Sandy Loam | Grass, weeds, small oak trees | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|--|--|
| AREA IDENTIFICATION NUMBER: Area 26 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1122863.888 | 653390.9506 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 11.6729" N | 85° 50' 32.8112" W | Right (R) | 12,000 | 595.8 | ~ 40 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-31-3-01- 001 Calhoun Co. | Phyllis S. Weaver 1 Meadowlake Farm Road Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 140 | 60 | N/A Depth = 4 to 6 per NRCS | Sand Silt Gravel | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Mostly flat | N/A | 3 : 1 where fill transitions into old borrow pit | No but there was evidence of a drainage swale created on the property. | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 28A / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1123772.696 | 655731.7219 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 20.6653" N | 85° 50' 05.1416" W | Right (R) | 9,000 | 596.1 | 80 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-31-4- 001-002 Calhoun Co. | Phyllis S. Weaver 1 Meadowlake Farm Road Oxford, Alabama 36203 | | | | Pature / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 240 | 70 | N/A Depth = 5 to 6 per NRCS | Sand Silt | Grass, weeds, saplings | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |


DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 28B / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1124326.124 | 656211.7946 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 26.1406" N | 85° 49' 59.4665" W | Right (R) | 9,000 | 596.1 | 80 | 0 (at top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-31-4-01- 002 Calhoun Co. | Phyllis S. Weaver 1 Meadowlake Farm Road Oxford, Alabama 36203 | | | | Pature / Agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 155 | 45 | N/A Dpth = 6 to 7 per NRCS | Sand Silt | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 29 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1125444.648 | 657128.8242 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 37.2064" N | 85° 49' 48.6254" W | Right (R) | 6,500 | 597.8 | 10 | 0 (top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-31-4-01- 002 Calhoun Co. | Phyllis S. Weaver 1 Meadowlake Farm Road Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 215 | 55 | N/A Depth = 4 to 5 per NRCS | Sand Silt | Grass and weeds | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Flat | N/A | Flat | N/A | Flat | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |

DREDGE SPOIL AREA DATA

| | | | | | | | |
|--|--|---|---|---|---|---|--|
| AREA IDENTIFICATION NUMBER: Area 31 / Choccolocco Creek | | | | | | | |
| DATE OF INSPECTION: 9/13/2012 | | | | INSPECTION BY: Roux Associates, Inc | | | |
| LOCATION | (#1) | (#2) | (#5) | (#6) | (#7) | (#8) | (#9) |
| | Northing (via GPS) | Easting (via GPS) | Left (L) or Right (R) Bank? (looking downstrm) | Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) | Top/Crest Elevation (approx) (ft- MSL) (from NRCS reference benchmarks) | Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) | Elevation Drop Along (#8) (approx.) (ft) |
| | 1127040.295 | 657579.5389 | | | | | |
| | (#3) | (#4) | | | | | |
| | Latitude (via GPS) | Longitude (via GPS) | | | | | |
| | 33° 35' 52.9926" N | 85° 49' 43.2965" W | Left (L) | 3,500 | 602.2 | 300 | 0 (top of bank level) |
| LAND OWNERSHIP INFORMATION | (#10) | (#11) | | | | (#12) | |
| | Parcel No. | Owner Name/Address | | | | Land Use | |
| | 11-21-09-32-2-01- 006 Calhoun Co. | Jay F. Pumroy 88 Lakeview Drive Oxford, Alabama 36203 | | | | Pasture / agricultural | |
| PHYSICAL DESCRIPTION | (#13) Length (ft) | (#14) Width (ft) | (#15) Height (ft) | (#16) Soil Type In Area | (#17) Cover Type and Description | | (#18) Is Vegetation Well Established? |
| | 135 | 230 | 2 Depth = 2 per NRCS | Sand Silt Gravel | Grass | | Yes |
| AREA SLOPE DATA | (#19) | (#20) | (#21) | (#22) | (#23) | (#24) | |
| | Average Slope Along Length (H) : (V) | Slope Length (Along Length) (ft) | Average Slope Along Width (H) : (V) | Slope Length (Along Width) (ft) | Steepest Slope (H) : (V) | Is There Evidence of Slump, Erosion or Area Stability Problem(s)? | |
| | Mostly flat, except at edges | N/A | Mostly flat, except at edges | N/A | 5 : 1 at south and east edges | No | |
| AREA PHOTOGRAPH | | | | | | | |
|  | | | | | | | |