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



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

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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:
 - o 11th Street Ditch confluence with Snow Creek
 - o 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

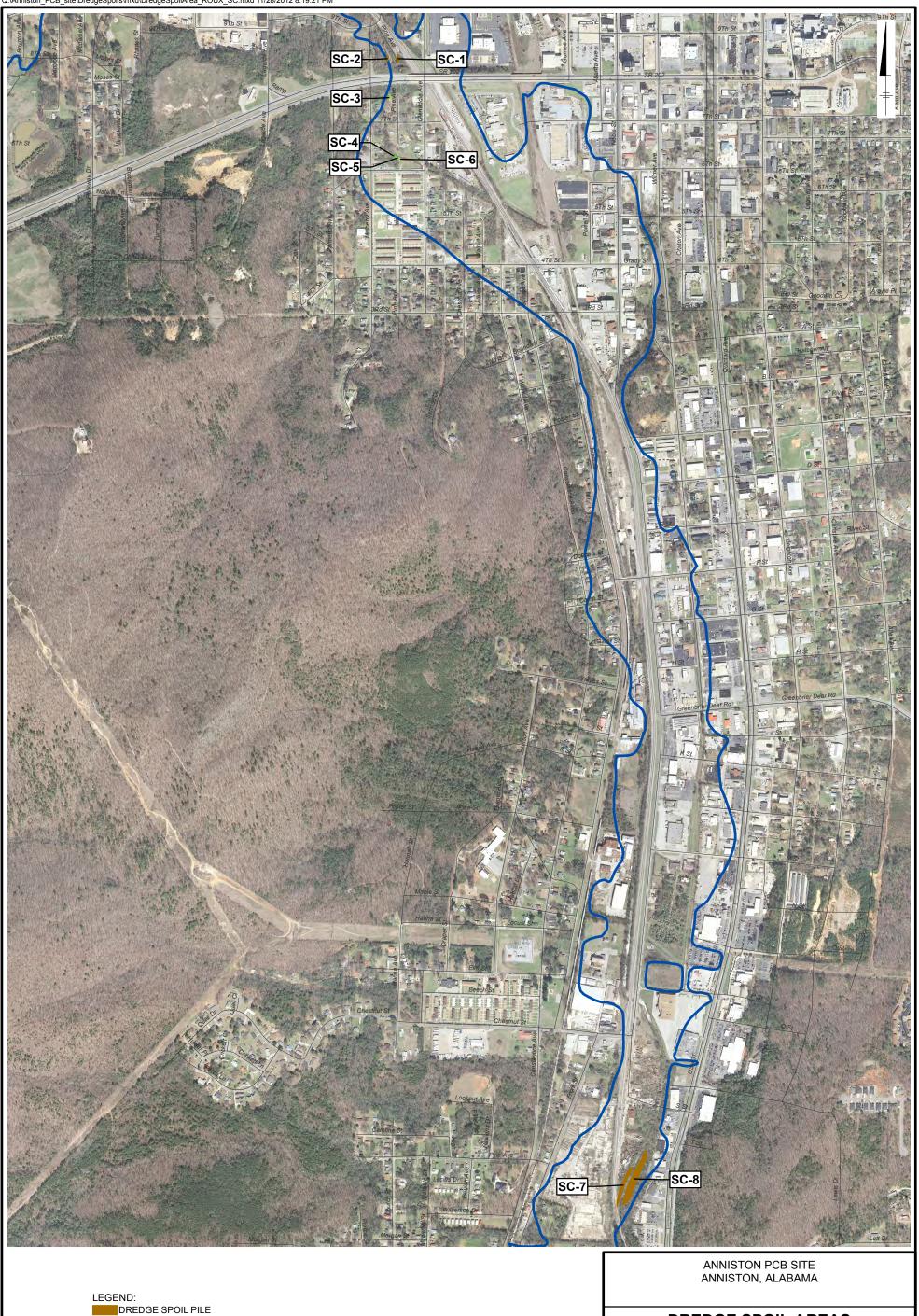
Dredge Spoil Area	Location	Property Owner	Land Use
	Lat. (°N) / Long. (°W)		
Area 1 / Snow Creek	33°-39' 17.9800" / 85° 50' 13.1877"	Anniston Land Co., Inc.	Open Field / undeveloped
Area 2 / Snow Creek	33°-39' 18.0002" / 85° 50' 14.3286"	Anniston Land Co., Inc.	Hillside Slope / undeveloped
Area 7 / Snow Creek	33°-37' 24.9002" / 85° 49' 46.4126"	U.S. Castings/U.S. Pipe, Primax Properties, LLC., James	Flood plain / undeveloped
		Jennings, Donal O. & Zandra Sills, (Frank) Chien-Hwa	
		Chen	
Area 8 / Snow Creek	33°-37' 24.0919" / 85° 49' 46.2525"	U.S. Castings/U.S. Pipe, Primax Properties, LLC., James	Flood plain / undeveloped
		Jennings, Donal O. & Zandra Sills, (Frank) Chien-Hwa	
		Chen	
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

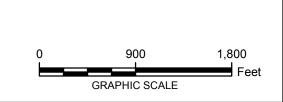
FIGURES

DREDGE SPOIL PILE (REMOVED)

100-YR FLOODPLAIN

-ROADS

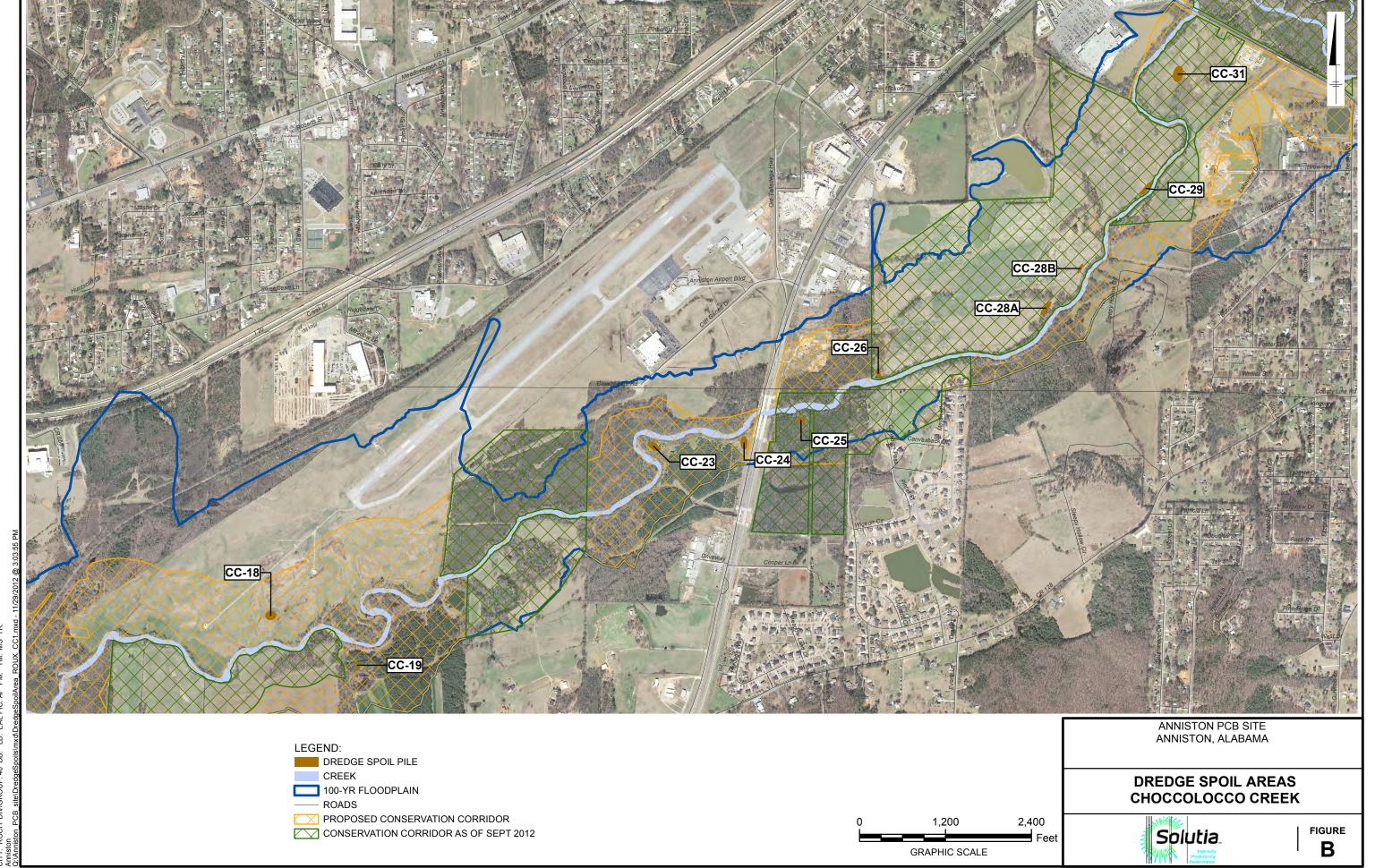


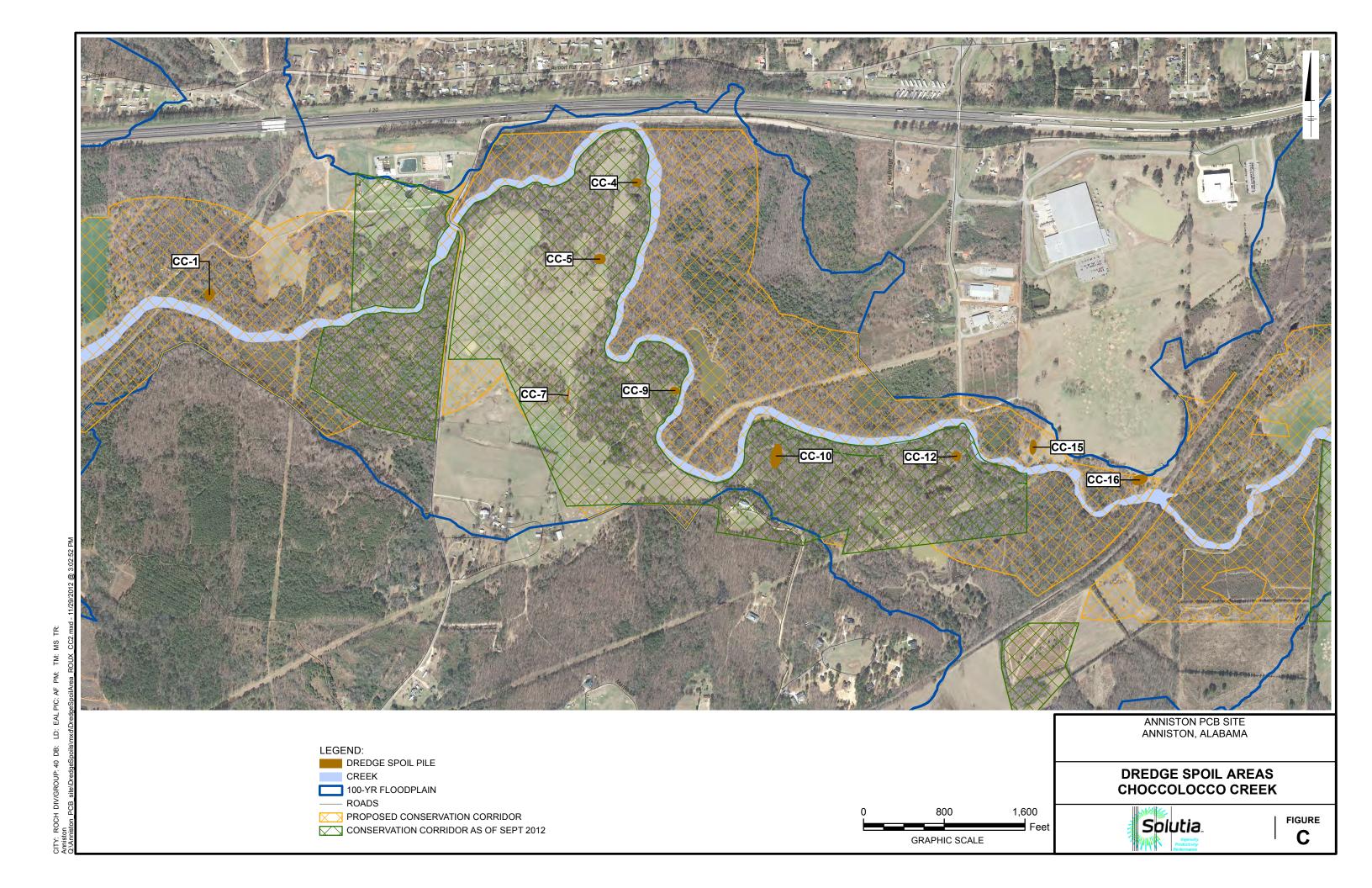


DREDGE SPOIL AREAS SNOW CREEK



FIGURE





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

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

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- 2. Dredge Spoil Area Physical Data

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- 2. Locations of Dredge Spoil Areas

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- 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 (μ g/g or parts per million) to 19.2 μ g/g, with an average concentration of 9.9 μ 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.

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	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		Calhoun County Economic Development Council	Undeveloped
Area 16 / Choccolocco Creek		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	40.0	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	~	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

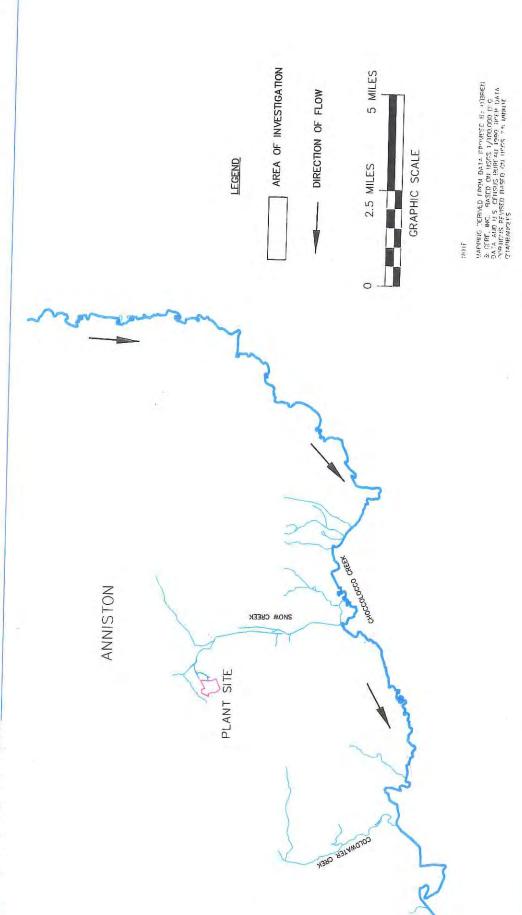
Dredge Spoil Area	Distance From Bank (ft)	Height/Depth (H/D ft)	Area (length x width) (ft x ft)	Steepest	Type of Fill- In Area (per NRCS)	Cover Type	Slope Stability
Snow Creek							
Area 1	26.6	9∼H	57 x 30	2:1	Open field / undeveloped	Non-woven geotextile, some weeds	No evidence of problems, however, 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.
Choccolocco Creek							
	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
	200	D = 3 to 5	100 x 120	Flat	Old gravel pit	Grass and tall weeds	No evidence of problems
Area 7	200	D=4	160 x 20	Flat	Low area, used as road fill	Sand (washed-in area of flood prone section of property)	
	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.

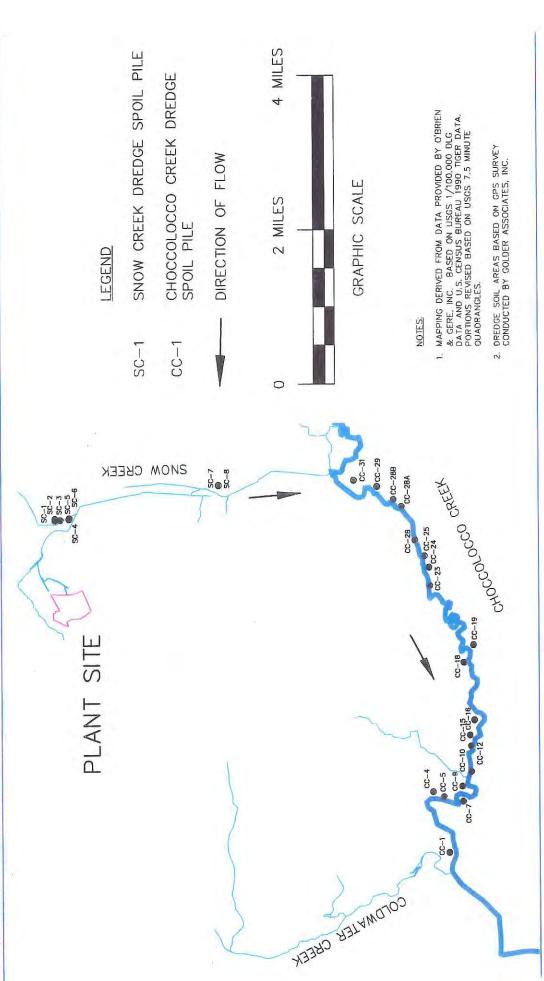
Table 2. Dredge Spoil Area Physical Data

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Area of Dredge Spoil Pile Evaluation Figure 1

Applied Chemistry, Creative Solutions





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APPENDIX A DREDGE SPOIL AREA DATA FORMS

DATE OF INSPECTI	ON: 09/08/98		INSPECTE	DRV: C-	oldor Assasist	· In .	
	(#1)	(#2)	(#5)		older Associates		
	Northing	Easting	Left (L) or	(#6) Distance (ft)	(#7)	(#8)	(#9)
	(via GPS)	(via GPS)	Right (R)	Distance (It) Downstream	Top / Crest	Horiz. Dist.	Elevation
	1147760.0242	655051.9125	Bank?	from 11th St.	Elevation	From Toe	Drop Alon
LOCATION			(looking	Ditch	(approx.)	of Area to	(# 8)
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(ft-MSL)	Creek	(арргох.)
	Latitude	Longitude		(from map	(from NRCS reference	Top of Bank	(ft)
	(via GPS)	(via GPS)	1	measurement)	benchmarks)	(ft)	
	33° 39′ 17.9800″	85° 50' 13.1877"	Left (L)	2,950	686	26.6	0 (at top o
	N	W			555	20.0	
	(#10)	(#11)				(#12)	bank level
LAND	Parcel No.	Owner Name/Addr	ess			Land Use	
OWNERSHIP	11-21-03-07-	Anniston Land Co.,				Land Ose	
INFORMATION	1-02-038	P.O. Box 850 / 16 \	N. 11th St.			Open field / uno	leveloped
	Calhoun Co.	Anniston, Alabama				open neid / und	ieveloped
	(#13)	(#14)	(#15)	(#16)	/44	17)	/4/0)
PHYSICAL	Length	Width	Height	Soil Type			(#18)
DESCRIPTION	(ft)	(ft)			Cover T		Is Vegetation
7	(11)	(IL)	(ft)	in Area	Desc	ription	Well Estab.
		1		Sand			N/A;
	57	30	6 approx.	Silt	Non-woven ge	eotextile;	geotextile
				Gravel	some weeds		cover
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	ce of Slump
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)				
	0.4						
	2:1	12	2:1	12	2:1	No, although w	eeds are
* · · · · · · · · · · · · · · · · · · ·					- V	growing at geot	extile over-
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26.6' Top of 2	5 Pile						

DATE OF INSPECTIO	ON - 00/00/00		MODEOTE	D. D.V.				
DATE OF INSPECTIO	(#1)	(#2)	INSPECTED		Ider Associates	70000		
	Northing	Easting	(#5) Left (L) or	(#6)	(#7)	(#8)	(#9)	
	(via GPS)	(via GPS)	The state of the s	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation	
	1147762,0654	654955.4760	Right (R) Bank ?	Downstream	Elevation	From Toe	Drop Along	
LOCATION	1147702.0034	034935.4760		from 11th St.	(approx.)	of Area to	(# 8)	
(w/r to Centroid)	(#3)	(#4)	(looking	Ditch	(ft-MSL)	Creek	(approx.)	
(wir to certifold)	Latitude	Longitude	downstm)	Confluence	(from NRCS	Top of Bank	(ft)	
	(via GPS)	(via GPS)	10	(from map measurement)	reference benchmarks)	(ft)		
	33° 39' 18.0002"	85° 50' 14.3286"	Right (R)	2,950	690	30	dE (-b	
	N	W	rugin (rv)	2,330	090	30	15 (above	
	(#10)	(#11)				(#12)	bank level)	
LAND	Parcel No.	Owner Name/Addre	255			Land Use		
OWNERSHIP	11-21-03-07-	Anniston Land Co.,				Land Ose		
INFORMATION	1-02-037	P.O. Box 850 / 16 \				Hillside slope / wooded		
His erangeliete	Calhoun Co.	Anniston, Alabama				Thiside Stope /	wcoaea	
	(#13)			(440)	///	1-7	(1112)	
DUVOCAL		(#14)	(#15)	(#16)		17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
				Sand				
	50	27	3	Silt	Thick woods,	briers,	Yes	
				Gravel	weeds		-	
			1	1-12:335				
eventine and a second	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	nce of Slump	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability		
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?		
DATA	(H):(V)		(H):(V)	2.0		r robierii(s) :		

	2:1	4	2:1	4	2:1	No		
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DATE OF INSPECTIO	(#1)	(#2)	INSPECTED	BY: Go	lder Associates	Inc		
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	61 01	(#Z)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1147375.7722	654964.4496	Bank?	from 11th St.	(approx.)	of Area to	(#8)	
LOCATION			(looking	Ditch	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)	
	Latitude	Longitude		(from map	reference	(ft)		
	(via GPS)	(via GPS)		measurement)	benchmarks)			
	33° 39' 14.1785"	85° 50′ 14.2223″	Left (L)	3,350	684	0	0 (at top of	
	N	W			La Maria		bank level)	
	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre	ess			Land Use		
OWNERSHIP	11-21-03-07-	Myrtice (& Keith) P	hillips	* Note : portions	of pile are	1 1 1 1 1		
INFORMATION	1-02-041	P.O. Box 4132		in ALDOT right	- of - way.	Empty lot / une	developed	
	Calhoun Co.	Blue Mountain, Alal	bama 32604					
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type	Cover T	All the second second second	Is Vegetation	
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.	
DECOMM HOM	(11)	(11)	(11)		Desc	приоп	VVeli Estab.	
		13		Sand	Lancia			
	40	. 13	7	Silt	Thick weeds,	briers,	Yes	
				Gravel	kudzu			
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	nce of Slump,	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability		
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?		
DATA	(H) : (V)		(H):(V)					
,	1:1	7	1:1	7	Portions near vertical	Some minor slumping		
WETOU OF A DEA		ADEA BUOTO OF						
SKETCH OF AREA		AREA PHOTOGR	RAPH	0.0	***************************************			
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ATE OF INSPECTIO	ON: 09/08/98		INSPECTED	BY: Go	lder Associates	Inc	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1146791.4399	655010.1633	Bank?	from 11th St.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Ditch	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement	benchmarks)		
	33° 39' 08.3975"	85° 50' 13.6812"	Right (R)	4,050	678	0	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	11-21-03-07-	Rev. Charles Creel					
INFORMATION	1-02-046 & -048	609 Mulberry Ave.				Empty lots / u	ndeveloped
	Calhoun Co.	Anniston, Alabama	36201				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type		ype and	Is Vegetatio
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
	1	(10)	(11)	Sand	Desc	ription	VVCII LStab.
	34	15	5	The state of the s	101		12
	34	15	5	Silt	Weeds, brust	n	Yes
				Gravel			
	(#19)	(#20)	(#21)	(#22)	(#23)	. (#24)	
	Average	Slope Length	(#21) Average	Slope Length			non of Clump
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Steepest Slope	Is There Evidence of Slum Erosion or Area Stability	
SLOPE	Length	(Along Length)	Width	(Along Widen)	(H) : (V)	Problem(s) ?	a Stability
DATA	(H): (V)	(11)	(H): (V)	(11)	(11).(V)	Problem(s)	
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DAIL OF INDILOTE	N: 09/08/98		INSPECTED	BV. Go	lder Associates	Inc		
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1146773.3550	655049.8813	Bank?	from 11th St.	(approx.)	of Area to	(# 8)	
LOCATION			(looking	Ditch	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)	
	Latitude	Longitude		(from map	reference	(ft)		
	(via GPS)	(via GPS)		measurement)	benchmarks)			
	33° 39' 08.2186"	85° 50' 13.2113"	Right (R)	4,150	678	0	0 (at top of	
	N	W					bank level)	
LAND	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre				Land Use		
OWNERSHIP	11-21-03-07- 1-02-046 & -048	Rev. Charles Creel				Empty lots / undeveloped		
INFORMATION	Calhoun Co.	609 Mulberry Ave.	26204			Empty lots / ui	ndeveloped	
		Anniston, Alabama		(#46)		1		
DI 17 (01 0 4 1	(#13)	(#14)	(#15)	(#16)		17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type		ype and	Is Vegetatio	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
				Sand				
	33	15	5	Silt	Weeds, brust	1	Yes	
	,			Gravel	ke .			
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
4554	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slum		
AREA SLOPE	Slope Along	(Along Length)	Slope Along Width	(Along Width)	Slope	Erosion or Area Stability Problem(s) ?		
DATA	Length (H) : (V)	(ft)	(H) : (V)	(ft)	(H): (V)			
DAIA	(11).(V)		(n).(v)	-				
	uneven,	4	uneven,	4	Portions	Some minor slu	mnina	
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SKETCH OF AREA		AREA PHOTOGR	RAPH	14 h	7 P.			
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DATE OF INSPECTIO	ON: 09/08/98		INSPECTED	BY: Gol	der Associates	Inc.		
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1146761.3945	655081.8720	Bank?	from 11th St.	(approx.)	of Area to	(#8)	
LOCATION	CAC 200 5 23 950 150	7,547,47,462	(looking	Ditch	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)	
(Latitude	Longitude		(from map	reference	(ft)	()	
	(via GPS)	(via GPS)		measurement)	benchmarks)	0.77	Y	
	33° 39' 08.1003"	85° 50' 12.8329"	Right (R)	4,200	678	0	0 (at top of	
	N	W	1.39.11 (1.4)	.,,			bank level)	
	(#10)	(#11)	-			(#12)	Daint lovely	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use		
OWNERSHIP	11-21-03-07-	Rev. Charles Creel				zana oco		
INFORMATION	1-02-046 & -048	609 Mulberry Ave.				Empty lots / u	ndeveloned	
in a Or and trion	Calhoun Co.	Anniston, Alabama	36201			Empty loto / u	nac voiopea	
	(#13)	(#14)	(#15)	(#16)	14	17)	(#18)	
DI DICIONI								
PHYSICAL	Length	Width	Height	Soil Type		ype and	Is Vegetation	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
				Sand				
	15	15	5	Silt	Weeds, brush	1	Yes	
				Gravel				
				1				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slum		
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability		
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	a Otasinty	
DATA	(H): (V)	1.0	(H): (V)	(1.0)	(1).(0)	Troblem(e):		
2,	(1.1/2.1/4)		(1).(4)	-				
	uneven,	4	uneven,	4	Portions	Some minor slu	ımpina	
	1:1		1:1		near vertical		,	
	V-10							
SKETCH OF AREA		AREA PHOTOGR	RAPH					
N J Sr	low Creek							
1			× 2.					
	A	70.		4.4				
d f	(A)	A COMPANY OF THE PARTY OF	4	动作.			V 0	
\$		T. Company	A CONTRACTOR	14 hz	3.36	: Combine	THE LAND	
,	-1 151	11			1000	1,000		
1	5.	H-1-0		100	14/27/17	Kr. Salahan		
		A Section of	- della	Mary (States)	San Branch	-	- 10 M	
To Wind					THE RESERVE TO SERVE THE PARTY OF THE PARTY	Aller Street		
Lop View		To all the same	The many of the	THE PARTY OF	The State of the last	CONTROL SERVICE		
Lop View		是對鍵	And the		Sala S		101 200	
Lop View		大大型					31	
Lop View								
Top View								
	e					Ye.	Leven	
Lop View	e					Val.	Language	
						Total		
	e open ''' field							
P.L.	open 711 field			V. 1				
2 P.L.	open 711 field							
	open 711 field							
P.L.	open 711 field						Y Ne	

ATE OF INSPECTIO	M · 00/08/98		INSPECTED I	BY: Gold	der Associates I		(110)	
ATE OF INSPECTIC	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1136319.7268	657268.5650	Bank?	from 11th St.	(approx.)	of Area to	(# 8)	
	1130319.1200	00.200.000	(looking	Ditch	(ft-MSL)	Creek	(approx.)	
LOCATION	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)	
(w/r to Centroid)	Latitude	Longitude		(from map	reference	(ft)		
	(via GPS)	(via GPS)		measurement)	benchmarks)			
	33° 37' 24.7975"	85° 49' 46.9691"	Right (R)	15,500	650	0	0 (at top of	
	N	W					Bank Level)	
	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre	ess			Land Use		
LAND	* Multiple,	* See attached list						
OWNERSHIP	see attached					Flood plain / un	ideveloped	
INFORMATION	list						1000	
		(#14)	(#15)	(#16)	(#	17)	(#18)	
	(#13)		Height	Soil Type	Cover T	ype and	Is Vegetation	
PHYSICAL	Length	Width	(ft)	in Area		ription	Well Estab.	
DESCRIPTION	(ft)	(ft)	(π)				30	
				Sand	Trees, ivy, vine	e weede	Yes	
	450 .	40	3	Silt	Trees, ivy, virie	s, wecus		
		10.00		Gravel				
						1 (110.4)		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	ence of Slump,	
	Average	Slope Length	Average	Slope Length	Steepest			
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability Problem(s)?		
SLOPE	Length	(ft)	Width	(ft)	(H): (V)			
DATA	(H): (V)		(H):(V)					
DAIA	(1.1) - (1.1)		W. T. T.		1000	Bank erosion possible		
	Primarily flat	-NA-	Near vert.	-NA-	Portions		possible	
	parallel to		at creek		near vertical			
	creek		bank		at bank			
SKETCH OF AREA		AREA PHOTOG	GRAPH			_		
	1	and the				14.4		
1.	rie! TOP	A SECTION AND ADDRESS OF THE PARTY OF THE PA			wat.	100		
	VIE	No. of the second	S. 4	a News	7040	SE SE SE	20.	
1,7 <,			Alaban San San San San San San San San San S				(A)	
N <	XXX				TO THE RESIDENCE OF THE PARTY O		7	
	18/1		7.7	THE REAL PROPERTY.	STORY THE REAL PROPERTY.	A District Control of the Control of		
N <	450'				•		125 16	
N <	450'			The Late	V		4	
N <	1-450'			11				
40'	1960'		*					
Ho'								
Ho'								
Ho'	ESnow Creck							
Rail Red	ESnow Creck							
Rail RK TRack.	ESnow Creck							
Rail RK TRack.								
Ho'	ESnow Creck							
Rail RK TRack.	ESnow Creck							
Rail RK TRack.	ESnow Creck							
Rail Ret TRack. BRUSH TREES.	ESNOW Creck							
Rail Ret TRack. BRUSH TREES.	ESHOW Creek							
Rail Ret TRack. BRUSH TREES.	ESHOW Creek							
Rail RK TRack.	ESHOW Creek							
Rail Ret TRack. BRUSH TREES.	ESNOW CREEK nal Show CReek			w to the north (u				

REA IDENTIFICATION	NUMBER:	AREA 8 / Snow Cre	ek				
ATE OF INSPECTION	: 09/08/98		INSPECTED		der Associates I		(#9)
ATE OF MOTEOTION	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	Elevation
1	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Drop Along
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe of Area to	(# 8)
	1136325.6870	657319.0367	Bank?	from 11th St.	(approx.)	Creek	(approx.)
LOCATION			(looking	Ditch	(ft-MSL) (from NRCS	Top of Bank	(ft)
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	reference	(ft)	X1-7
***************************************	Latitude	Longitude		(from map measurement)	benchmarks)	(1.5)	
	(via GPS)	(via GPS)	Right (R)	15,500	646	0	0 (at top of
	33° 37′ 24.8565″	85° 49' 46.3722"	Right (K)	13,500	6 - 13-71 - 1		bank level)
	N	W				(#12)	
	(#10)	(#11) Owner Name/Addre	200			Land Use	
LAND	Parcel No.	* See attached list					
OWNERSHIP	* Multiple,	* See attached list				Flood plain / un	developed
INFORMATION	see attached						
	list	(84.4)	(#15)	(#16)	(#	17)	(#18)
	(#13)	(#14)		Soil Type		ype and	Is Vegetation
PHYSICAL	Length	Width	Height	in Area		ription	Well Estab. ?
DESCRIPTION	(ft)	(ft)	(ft)			nipuor.	
				Sand		a woods	Yes
. 1	550	80	3	Silt	Trees, ivy, vine	es, weeds	1,50
				Gravel			
					111001	(#24)	
	(#19)	(#20)	(#21)	(#22)	(#23)		ence of Slump,
	Average	Slope Length	Average	Slope Length	Steepest		
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability Problem(s) ?	
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Floblem(s):	
DATA	(H):(V)		(H):(V)			+	
			Newstrant	-NA-	Portions	Bank erosion	possible.
	Primarily flat	-NA-	Near vert. at creek	-14/4-	near vertical		
	parallel to		at creek bank		at bank		
	creek	16	Dank				
SKETCH OF AREA		AREA PHOTOG	SRAPH	The state of the s			A N J
Rail 19	Snow Creek A PILE 30 TOP VIEW						
SIDE VI	EW			17/			į چۇ
	Thick					Section 6	W 124 2 3

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

DATE OF INSPECTION	ON - 09/02/98		INSPECTED	BY: Genesis	Project / Roux A	ssociates	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R)	Distance Downstream	Top / Crest Elevation	Horiz. Dist. From Toe	Elevation Drop Along
LOCATION	1120576.5283	631656.9024	Bank ? (looking	from Snow Cr. Confluence	(approx.) (ft-MSL)	of Area to Creek	(# 8) (approx.)
(w/r to Centroid)	(#3) Latitude	(#4) Longitude	downstm)	(ft) (from map	(from NRCS reference	Top of Bank (ft)	(ft)
	(via GPS) 33° 34' 48.9501"	(via GPS) 85° 54' 49.7044"	Right (R)	measurement) 45,500	benchmarks) 589.4	70	0 (at top of
	N	W				(#10)	bank level)
N. W. Yes	(#10)	(#11)				(#12) Land Use	
LAND	Parcel No.	Owner Name/Addre				Land Use	
OWNERSHIP INFORMATION	61-06-02-04-0- 000-006-000 Talladega Co.	Frances Louise Cal P.O. Box 213 Ohatchee, Alabama				Flood plain / ag	ricultural
			(#15)	(#16)	(#	17)	(#18)
DUNOLOAL	(#13)	(#14) Width	232 233 H	Soil Type	Cover T		Is Vegetation
PHYSICAL	Length		Height		24 - 25 - 4		Well Estab.
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	vven Estab.
		1 100	-NA-		-	and the	
	130	100	Depth = 4 per	Sand Silt	Grass and tall	weeds	Yes
	(112)	(400)	NRCS	(#22)	(#22)	(#24)	
	(#19)	(#20) Slope Length	(#21)	(#22) Slope Length	(#23) Steepest	Is There Evidence of Slump	
AREA SLOPE DATA	Average Slope Along Length (H):(V)	(Along Length) (ft)	Average Slope Along Width (H): (V)	(Along Width) (ft)	Slope (H):(V)	Erosion or Area Stability Problem(s) ?	
	Flat	-NA-	Flat	-NA-	Flat	No	
P	30' 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AREA PHOTOGI	RAPH				
70'	54'						

ATE OF INSPECTIO	N: 09/03/98		INSPECTED	BY: Golder	Associates / Rou	ıx Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1121685.7154	635898.0630	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(арргох.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34′ 59.9733″	85° 53′ 59.5825″	Left (L)	39,500	575.2	75	0 (at top of
	(#10)	(#11)			1	(#12)	bank level)
LAND	Parcel No.	Owner Name/Addre	200			Land Use	
OWNERSHIP	61-02-04-0-	Perry & Patricia Ker				Land Ose	
INFORMATION	000-013-000	2310 Silver Run Rd				Pasture / agric	ultural
IN ONWATION	Talladega Co.	Munford, Alabama				rasture / agric	uiturai
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
DINCICAL							
PHYSICAL	Length	Width	Height	Soil Type		Type and Is Veg cription Well E	
DESCRIPTION	(ft)	. (ft)	(ft) ·	in Area	Desc	ription	Well Estab.
			-NA-	Sand	L		
	100	85	Depth =	Silt	Grass and tall	weeds	Yes
			3 to 5	Gravel	1 - 1		
			per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slum	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Are	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)				
	Flat	-NA-	Flat	-NA-	Flat	Ne	
	Flat	-11/4-	Flat	-INA-	Fial	No	
KETCH OF AREA		AREA PHOTOGR	RAPH	To a second	7.	All Control of the Co	47
Chac: Cl	N	***	War (2		The same
a C	Deek	· ·			144	1 1 2 2 2	
Chac:		in at				76	WALL S
V	门纸	32 to 1			- 125		
85	5.	100		-		5 12 3	
(12:	The state of					7
	5 0	10					
	1.1.1	ACC - 1				3	
	(100					CALLET BY BE 12
ip I	DO';		45		THE ALL		CONTRACT
ip 10	50';						
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IIEW SI	<u> </u>					R. C.	
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DATE OF INSPECTIO	ON: 09/03/98		INSPECTED	BY: Golder	Associates / Ro	ux Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1120929.3942	635528.3350	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34′ 52.4686″	85° 54' 03.9470"	Left (L)	38,500	575.6	200	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre				Land Use	
OWNERSHIP	61-06-02-04-0-	Perry & Patricia Ke	rr				
INFORMATION	000-013-000	2310 Silver Run Ro	l.			Pasture / agric	ultural
	Talladega Co.	Munford, Alabama	36268				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T		Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
DECOME HON	(it)	(11)	-NA-		Desc	приоп	vven Estab.
	744	144		Sand			1000
	100'	120'	Depth =	Silt	Grass and tall	weeds	Yes
			3 to 5	Gravel			
			per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slum	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability Problem(s) ?	
SLOPE	Length	(ft)	Width	(ft)	(H):(V)		
DATA	(H): (V)		(H):(V)				
	Flat	-NA-	Flat	-NA-	Flat	No	J.
		V	1				
SKETCH OF AREA	L	AREA PHOTOGR	RAPH		l		
OP VIEW	£				- 1	4	- T- 5
OI VILVY	1		1 3 A	Alle A	The Late	d	77-1-
)	- i	11		Act and the second	L 34.20	The state of the
	S		Add and	A STATE OF THE STA	2000	100	
A . r . C	"MAC. A	THE PARTY OF THE P	1000000	1.0	17		400
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TH C	enoc. A		64	201		THE RESERVE	
	Recky						
40	Recky						
Ino'	;						
Ino'	Record				-4¥		
Ino'	;						
Ino'	;	9					
100'	120'						
100'	;						
100'	120'						
100'	120'						
100'	120'						
100'	120'						
100'	120'						
5' max 20	120'						
5' max 20	120' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						
5' max 20	120' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						
5'max 20	120'						

DATE OF INSPECTIO	N: 09/02/98		INSPECTED	BY: Genesi	is Project / Rou	x Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1119579.7367	635212.4332	Bank ?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS) 33° 34' 39.1138"	(via GPS)	1.50	measurement)	benchmarks)		
	33 34 39.1138 N	85° 54' 07.6704" W	Left (L)	36,500	574.8	500	0 (at top of
	(#10)	(#11)				(#12)	bank level)
LAND	Parcel No.	Owner Name/Addre	200			Land Use	
OWNERSHIP	61-06-02-04-0-	Perry & Patricia Ker	Andre		-	Land Use	
INFORMATION	000-013-000	2310 Silver Run Rd				Pasture / agric	ultural
	Talladega Co.	Munford, Alabama				1 datare / agric	ulturai
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T		
DESCRIPTION	(Ft)	(Ft)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s			Is Vegetation
DESCRIPTION	(Ги)	(Г1)	(Ft)	in Area	Desc	ription	Well Estab.
	100	2.2	-NA-	Sand	20.00000		
	160	. 20	Depth =	Silt	Sand (washe		No
		9.	4 per	Gravel	flood prone se	ection of	
			NRCS		property)		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
1761	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Are	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H):(V)		(H):(V)				
	Flat	-NA-	Flat	-NA-	Flat	No, however, v	o antativa
	i let	-10/5-	i iai	-14/-1-	1 lat	cover is not pro	
						oorer to nee pro	
- 1						I .	
SKETCH OF AREA	,	AREA PHOTOGR	APH	5 1 6 3	7.6		
	۷.۰۰	AREA PHOTOGR	APH	100	•	T _e	
↑ N	7	AREA PHOTOGR	APH	100		le.	
	7	AREA PHOTOGR	APH	1			
TN (160	7	AREA PHOTOGR	APH	1.			
↑ N	500'		APH	1.			
TN (160	500'		APH	1.0			
TN (160	500'		APH	1			
N (160	7		APH				
TN (160	500'		APH				
N (160	500'		APH				
N (160	500'		APH				
N (160	500'		APH				
N (160	500'		APH				
TOP VIEW	Choc.		APH				
N (160	Choc.		APH				
TOP VIEW	Choc.		APH				
TOP VIEW 50	Choc.		APH				
TOP VIEW 50	Choc.		APH				
TOP VIEW 50	Choc.		APH				
TOP VIEW	Choc.		APH				

			INSPECTED	BV : Consoir	s Project / Roux	Assoc	
DATE OF INSPECTIO		(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	(#1) Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1119627.0408	636273.8370	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION	1119027.0400	000270.0070	(looking	(ft)	(ft-MSL)	Creek	(арргох.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(stream mile)	(from NRCS	Top of Bank	(ft)
(Wir to Certifold)	Latitude	Longitude	40	(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34' 39.5886"	85° 53' 55.1254"	Left (L)	36,500	574.8	0	3 to top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-02-03-0-	Perry & Patricia Ker	rr				
INFORMATION	000-031-000	2310 Silver Run Ro	l.			Flood plain / ur	ndeveloped
40.500.000	Talladega Co.	Munford, Alabama	36268				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type	Cover T	ype and	Is Vegetation
			(ft)	in Area	17702	ription	Well Estab.
DESCRIPTION	(ft)	(ft)	-NA-	Sand	2000	T. T.	
			1 1 2 7 1 7 1	Silt	Gravel and sa	and et	No
	100	- 75	Depth =			and at	140
			0 to 7 per	Gravel	surface		
			NRCS			1 000 15	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	and Charge
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide Erosion or Are	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Problem(s) ?	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)				
	F1-4	-NA-	Flat	-NA-	5:1 near	No, however v	egetative
	Flat	-14/-	1 lear	10.	creek edge	cover is not pr	
						0.0000000000000000000000000000000000000	
		3					
SKETCH OF AREA		AREA PHOTOG	RAPH	5.00	(National Co	l	
	,100'	AREA PHOTOG	RAPH	-46	84.		,
SKETCH OF AREA	100' j	AREA PHOTOG	RAPH				N we
TN (AREA PHOTOG	RAPH		2.		N ye
	100'	AREA PHOTOG	RAPH			And the second	
TN (AREA PHOTOG	RAPH			e e e e e e e e e e e e e e e e e e e	
1 N	75'		RAPH				
1 N	75' Choc		RAPH				
1 N	75'		RAPH				
TN (75' Choc		RAPH				
1 N	75' Choc		RAPH				
1 N	Choc CRee		RAPH				
1 N	Choc CRee		RAPH				
1 N	75' Choc		RAPH				
1 N	Choc CReed		RAPH				
TOP VIEW	Choc CReed		RAPH				
1 N	Choc CRee		RAPH				
TOP VIEW	Choc CReel		RAPH				
TOP VIEW	Choc CReel		RAPH				
TOP VIEW	Choc CReel		RAPH				
TOP VIEW PILE	Choc CReel Choc CReel		RAPH				
TOP VIEW	Choc CReel Choc CReel		RAPH				

DATE OF INSPECTION	ON · 09/02/98		INSPECTED) BV · Genesi	s Project / Roux	Δεςος	
DATE OF MOTEON	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1118980.2828	637278.3930	Bank?	from Snow Cr.	(approx.)	of Area to	(#8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(арргох.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34′ 33.1961″	85° 53' 43.2474"	Left (L)	34,000	577.8	200	0 (at top of
	N (#10)	(#11)	1			(#40)	Bank Level)
LAND	(#10) Parcel No.	Owner Name/Addre	200			(#12) Land Use	
OWNERSHIP	61-06-02-03-0-	Perry & Patricia Ke	37.5			Land Use	
INFORMATION	000-033-000	2310 Silver Run Ro				Flood plain / ur	adeveloped
na orang triore	Talladega Co.	Munford, Alabama				i lood plain? di	ideveloped
	(#13)	(#14)	(#15)	(#16)	(44	17)	(#18)
PHYSICAL	Length	Width	100000000000000000000000000000000000000	Soil Type	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
		6 9.64.65	Height		Cover T		Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
	000	3334	2 above	Sand			222
	250	110	top of bank;	Silt	Grass and we	eds	Yes
			Depth = 3	Gravel			
	(11.6)	1///00	per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
AREA	Average Slope Along	Slope Length (Along Length)	Average	Slope Length	Steepest	Is There Evide	Committee of the Property of the Park Park Com-
SLOPE	Length	(ft)	Slope Along Width	(Along Width) (ft)	Slope (H) : (V)	Erosion or Area Problem(s) ?	a Stability
DATA	(H) : (V)	(10)	(H): (V)	(11)	(H).(V)	Froblem(s) ?	
Desties.	(1.17.14.7)		(11).(0)			-	
	Flat at top	apprx. 8 at	Flat	apprx. 8 at	4:1 at pile	No	
		edges where	at top	edges where	edges		
		4:1 slope		4:1 slope		V	
0//===01.05.105.1							
SKETCH OF AREA		AREA PHOTOGR	RAPH				
TH C	Choc	Section 5					
	CREEK		. J. 141	wholly it	He		A
A" (174- 100		100		The sales
	, and				400	AF STAR	
1	200'		rigina				East 1
F- V	1.01						
	110'		Artist No.	1 1 3 3			
	30.5			7 (10)	A CONTRACTOR AS	100	1000
	250	Survive .					
D. T. C.		4	1 1 1 1	The State			
		AVE TO THE					
			THE RESERVE AND ADDRESS.	1. 30 B. S. S.	3. 3. 3.	A COLUMN TO A	
.21	21	The state of the sail	THE RESERVE OF THE PERSON NAMED IN				
ζ3'				A STATE OF THE STA			
m 5 53'	m - 52'		i jedka			10000	
X	- 5 ²		i jedka			100	
m 5 5' PILE	m - 52'						
X	15P						
X V	Top OF						
X	TOP OF BANK						
PILE	TOP OF BANK						
The state of the s	TOP OF BANK	Photo Caption:	Area 10, view				

	ON: 09/02/98		INSPECTED	BY: Genes	is Project / Rou	x Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz, Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1118979.9074	639068.1385	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(approx.)
	Latitude	Longitude	-	(from map	reference	(ft)	(11)
	(via GPS)	(via GPS)		measurement)	benchmarks)	(11)	
	33° 34' 33.2024"	85° 53' 22.0937"	Left (L)	32,000.00	580.1	80	0 (at top of
	N	W		02,000.00	300.1	50	bank level)
	(#10)	(#11)	-			(#12)	balik level)
LAND	Parcel No.	Owner Name/Addre	225		_	Land Use	*
OWNERSHIP	61-06-02-03-0-	Doris R. Burrows				Land Use	
INFORMATION	000-034-000	P.O. Box 3118				Flood plain /	odes selement
in ordina triore	Talladega Co.	Oxford, Alabama 3	6203			Flood plain / ur	ideveloped
	-		7	******			
27212.23.	(#13)	(#14)	(#15)	(#16)		17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
			-NA-	Sand			
	100	90	Depth =	Silt	Grass and wa		14
	100	. 30			Grass and we	eas	Yes
		•	4 to 5	Gravel			
- un			per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
3222	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	nce of Slump,
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	a Stability
SLOPE	Length	(ft)	VVidth	(ft)	(H): (V)	Problem(s)?	
DATA	(H):(V)		(H):(V)				
	Mostly flat	-NA-	Mostly	-NA-	3:1 slope at	No	
			flat		west and	1.00	
					south edge		
VETOLLOE ADEA		AREA PHOTOGR	VAPH				
KETCH OF AREA	. A	78 (2) (1) (10)	Company of the Compan	E	NAME OF TAXABLE PARTY.		
	NA			C. AVE	A P		27.60
I hoc.						S. Mis	
	NA						
I hoc.				ing a			
Choc. Creek	· · · · · · · · · · · · · · · · · · ·						
I hoc.							
Choc. Creek	· · · · · · · · · · · · · · · · · · ·						
Choc. Creek	· · · · · · · · · · · · · · · · · · ·						
Choc. Creek	300						
Choc. Creek	· · · · · · · · · · · · · · · · · · ·						
Choc. Creek	300						
Choc. Creek	300						
Choc. Creek	300						
Choc. Creek	1000						
Choc. Creek	1000						
Choc. Creek	1000						
Choc. Creek	1000						
Choc. Creek	1000						
Choc. Creek	1000						
Choc. Creek 90'	21001						
Choc. Creek 90'	21001						
Choc. Creek	21001						
Choc. Creek 90'	21001						

ATE OF INSPECTIO	ON: 09/02/98		INSPECTED	BY: Genesi	s Project / Roux	Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R)	Distance Downstream	Top / Crest Elevation	Horiz. Dist. From Toe	Elevation Drop Along
LOCATION	1119067.8536	639824.8552	Bank ? (looking	from Snow Cr. Confluence	(approx.) (ft-MSL)	of Area to Creek	(# 8) (approx.)
(w/r to Centroid)	(#3) Latitude	(#4) Longitude	downstm)	(ft) (from map	(from NRCS reference	Top of Bank (ft)	(ft)
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34' 34.0765" N	85° 53' 13.1504" W	Right (R)	31,000	578.6	150	0 (at top of bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No. 61-06-02-03-0-	Owner Name/Addre		nment Council		Land Use	
OWNERSHIP INFORMATION	000-029-000 Talladega Co.	P.O. Box 2283 Anniston, Alabama		prilent Council		Undeveloped	
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T		Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	100 . 30 . 30 . 30 . 30	ription	Well Estab.
5.20 5.311 1133.	macrane C. 7		-NA-	Sand			
	70	150	Depth =	Silt	Grass and tal	I weeds	Yes
		1	3 to 4	Gravel			
			per NRCS		///20)	(10.0)	
	(#19)	(#20)	(#21)	(#22)	(#23) Steepest	(#24) Is There Evide	ance of Slump
AREA SLOPE DATA	Average Slope Along Length (H):(V)	Slope Length (Along Length) (ft)	Average Slope Along Width (H): (V)	Slope Length (Along Width) (ft)	Slope (H) : (V)	Erosion or Are Problem(s) ?	
DAIX	Flat	-NA-	Flat	-NA-	Flat	No	
SKETCH OF AREA		AREA PHOTOG	RAPH				
PILE CA	150' N -150' N -150						
150	- 4'			***	a series		300

ATE OF INSPECTIO	ON: 09/02/98		INSPECTED	BY: Genesi	s Project / Roux	Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1118743.8480	640883.2374	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 34' 30.8762"	85° 53' 00.6391"	Right (R)	30,000	581.8	100	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	1333			Land Use	
OWNERSHIP	61-06-02-03-0-	Calhoun County Ec	onomic Develo	pment Council			
INFORMATION	000-029-000	P.O. Box 2283				Undeveloped	
	Talladega Co.	Anniston, Alabama	36202				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	voe and	Is Vegetatio
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
	114/	(11)	aprx. 2' tall;	Sand	De30		v von Latab.
	405	400					
	165	100	Depth =	Silt	Grass and tal	weeas	Yes
			2 to 5	Gravel			
			per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
2221	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)				
					4.4		
	Flat	-NA-	4:1	8 арргох.	4:1	No	
KETCH OF AREA		AREA PHOTOGR	RAPH				
PILE P	165 N						
OP VIEW	Choc. Creek						
Pile 5'm	-very gradvery						
SIDE VIEW							AT LAT

DATE OF ILLOSES	San Islanda	AREA 18 / Choco			***		
DATE OF INSPECTIO	7		INSPECTED		s Project / Rou	Y	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1119480.2995	644907.6022	Bank ?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(Ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		A. E. C. C. C. C. C.
	33° 34' 38.1790"	85° 52' 13.0771"	Right (R)	24,000	588	500	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess		31-7-21	Land Use	
OWNERSHIP	61-06-01-02-0-	City of Anniston					
INFORMATION	000-009-000	1128 Gurnee Ave.				Airport buffer z	one
	Talladega Co.	Anniston, Alabama	36201				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	2	ype and	Is Vegetation
	1 27 27	200 0000-212					
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
			3	Sand			
	130	150	Depth = 2	Silt	Grass and tal	weeds	Yes
			per	Gravel			
			NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	nce of Slump.
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Are	The second secon
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	a Otability
DATA	(H): (V)	()	(H): (V)	()	(1.7.7.7		
5000	(1.7.1.17)		11.17.147				
	Mostly flat	-NA-	Mostly	-NA-	3:1 (at	No	
		3.27	flat	7.5	Northern	1,50	
			1100		edge)		
					5-/		
SKETCH OF AREA		AREA PHOTOGR	RAPH				
			2 2 3 3 3		1800		
VIEW PS	30'						
	NI.						
(1)	141						
	N						
	,00'						
		Oberth.					
150							
150							A. mi
150' \(\) Chac	. CREEK						AL COL
150	. CREEK						
150' \(\) Chac	. CREEK						
Chac Very gradu	CREEK						
Chac Very gradu	CREEK						
150' \(\) Chac	CREEK						
Chac Very gradu	CREEK						
Chac yery gradus	CREEK						
Chac Very gradu	CREEK Slopes,						
Chac yery gradus	CREEK Slopes,						
Chac yery gradus	CREEK						
Chac yery gradus	CREEK Slopes,						

DATE OF INSPECTIO	ON: 09/02/98		INSPECTED	BY: Genesi	s Project / Roux	K Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1118790.8812	646112.8811	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		V
	33° 34' 31.3623"	85° 51' 58.8287"	Left (L)	23,000	588	250	0 (at top of
	(#10)	(#11)				(#40)	bank level)
LAND	Parcel No.	Owner Name/Addre	200			(#12) Land Use	
OWNERSHIP	61-06-01-02-0-	Billy Ray and Tomm	171.5-2			Land Ose	
INFORMATION	000-010-000	480 Kirby Road	ne sean Camp			Pasture	
IN ORNATION	Talladega Co.	Oxford, Alabama 3	6203			rasture	
	(#13)	(#14)	(#15)	(#16)	/#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	35.2	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
DESCRIPTION	(11)	(11)	-NA-		Desc	прион	vveii Estab.
	100	0.5	- C-574	Sand	0 111		
	100	65	Depth =	Silt	Grass and tal	l weeds	Yes
			5 to 6 per	Gravel			
	(112)	///00	NRCS	200-20			
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	(0)
AREA	Average Slope Along	Slope Length (Along Length)	Average Slope Along	Slope Length (Along Width)	Steepest	Is There Evide	
SLOPE	Length	(Along Length)	Width	(Along vvidin)	Slope (H) : (V)	Erosion or Are Problem(s) ?	a Stability
DATA	(H) : (V)	(10)	(H): (V)	(it)	(11)(0)	Froblem(s) ?	
5,	(1).(0)		(11) . (4)				
	Flat	-NA-	Flat	-NA-	Flat	No	
	100						
SKETCH OF AREA		AREA PHOTOGR	ADU				
DILLIOI OF AILA		AKLATHOTOGIA		1500			•
						es la	
+ " +				The state of the	- P - 540	5-350	
A .	Choc.	100					
250'	Choc. Creek						
250'		910					
250'	00'						
250'							
250'	00'						
250'	00'						
250'	00'						
250'	00'						
250' ATI	00'						
250'	00'						
250' ATI	00'						
250' ATI	00'						
250' ATI	00'						
250' ATI	00'						
250' ATI	00'						
250' ATI	00' 65' N						
250' ATI	00'						

ON: 09/01/98		INSPECTE	DBY: Golder	Associates / Ro	ux Assoc	
(#1)	(#2)	(#5)	(#6)	(#7)		(#9)
	Easting	Left (L) or	Distance	Top / Crest		Elevation
	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
1121847.1841	650250.8679	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
			Confluence	(ft-MSL)	Creek	(approx.)
		downstm)	(ft)		Top of Bank	(ft)
A STANK ALEXA				The state of the s	(ft)	
The second of th		Left (L)	16,000	593.2	20	2 above
						bank level)
		200				
		2 88			Land Use	
					Parallel of the	
Control of Control of Control		6202			Pasture / agrid	cultural
			711.25			
W 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(#18)
	900,000,00		Soil Type	Cover T	ype and	Is Vegetation
(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
		-NA-				
185	100	Depth =	Sand &	Grass, weeds	, some	Yes
		3 per	Silt	trees planted	at perimeter	
			777	TOTAL APPENDI	5. P. S. I. J. S. C.	
(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
Average	Slope Length	Average				nce of Slump
Slope Along	(Along Length)	Slope Along	(Along Width)			
Length	(ft)	Width	(ft)	The second secon		
(H):(V)		(H):(V)				
10:1	40 арргох.	10 : 1	40 арргох.	10 : 1	No	
		L. M. L. W. C. L.				
Choc CREEK 20' 185' K						
	(#1) Northing (via GPS) 1121847.1841 (#3) Latitude (via GPS) 33° 35' 01.6099" N (#10) Parcel No. 61-06-01-01-0- 000-003-000 Talladega Co. (#13) Length (ft) 185 (#19) Average Slope Along Length (H): (V) 10:1	(#1)	(#1)	(#1) (#2) (#5) (#6) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Bank? Distance Downstream from Snow Cr. Confluence (fit) Grownstm) (#3) (#4) Longitude (via GPS) Gooking downstm) (from map measurement) 33° 35′ 01.6099" 85° 51′ 09.9273" Left (L) 16,000 (from map measurement) 33° 35′ 01.6099" 85° 51′ 09.9273" Left (L) 16,000 (from map measurement) 33° 35′ 01.6099" 85° 51′ 09.9273" Left (L) 16,000 (from map measurement) 33° 35′ 01.6099" 85° 51′ 09.9273" Left (L) 16,000 (from map measurement) 33° 35′ 01.6099" 85° 51′ 09.9273" Left (L) 16,000 (from map measurement) 33° 35′ 01.6099" 30° 8° 10° 09.9273" Left (L) (from map measurement) (from map	(#1) (#2) (#5) (#6) (#7) Northing Easting (via GPS) Left (L) or Right (R) Downstream from Snow Cr. (approx.) Top / Crest Elevation from Snow Cr. (confluence (via GPS)) Head of the confluence (via GPS) Confluence (from NRCS) (ft-MSL) (ft-MSL)	(#1)

			colocco Creek				
DATE OF INSPECTI	CLUMPS BUILDING		INSPECTE	DBY: Golder	Associates / Ro	oux Assoc.	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	1121894.6292	(via GPS) 651514.1979	Right (R)	Downstream	Elevation	From Toe	Drop Along
LOCATION	1121034,0232	031314.1979	Bank ? (looking	from Snow Cr.	(approx.)	of Area to	(# 8)
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(ft-MSL)	Creek	(approx.)
(Latitude	Longitude	downstri)	(ft) (from map	(from NRCS	Top of Bank	(ft)
	(via GPS)	(via GPS)		measurement)	reference benchmarks)	(ft)	
	33° 35' 02.0814"	85° 50' 54.9943"	Left (L)	14,500	594.2	~ 5 (next to	O alkan
	N	W	2511 (2)	14,500	394.2	flood berm)	2 above
	(#10)	(#11)				(#12)	bank level
LAND	Parcel No.	Owner Name/Addre	988			Land Use	
OWNERSHIP	61-06-01-01-0-	Joe N. Bennett				Land Ose	
INFORMATION	000-003-000	1608 Joe St.				Pasture / agrid	oultural
	Talladega Co.	Oxford, Alabama 3	6203			r astule / agri	Sultural
	(#13)	(#14)	(#15)	(#16)	(#	17)	(440)
PHYSICAL	Length	VVidth	Height	Soil Type			(#18)
DESCRIPTION	(ft)	(ft)			Cover T		Is Vegetation
DEGOTAL FION	(11)	(11)	(ft)	in Area	Desc	ription	Well Estab.
		Sa. 2		Sand			
	280	165	~10	Silt	Grass	1	Yes
		ä		Gravel		-	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
AREA	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	nce of Slump,
SLOPE	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	a Stability
	Length	(ft)	Width	(ft)	(H): (V)	Problem(s)?	
DATA	(H): (V)		(H):(V)				
	2.4			distance of			
	3 : 1 w/ Flat top	50 арргох.	3:1	50 арргох.	3:1	No	
	riat top						
SKETCH OF AREA		AREA PHOTOGR	APH				
* TOP VII	Hwy.						
3:1 PI	e. cibe.						

DATE OF INSPECTIO	ON: 09/01/98		INSPECTED) BV : Golder 4	Associates / Ro	ux Assoc	
SC 22 12 1 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz, Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	The second second second
	1122206,7393	652309.5733	Bank?	from Snow Cr.		of Area to	Drop Along
LOCATION		002000.0700	(looking	Confluence	(approx.)	Or Area to Creek	(# 8)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(ft-MSL) (from NRCS		(approx.)
(sar to bond old)	Latitude	Longitude	- downsum			Top of Bank	(ft)
	(via GPS)	(via GPS)		(From Map	reference	(ft)	1
	33° 35' 05.1703"	85° 50' 45.5931"	Left (L)	Measmt.)	benchmarks)		
	N	W	Len (L)	13,500	595.5	70	0 (at top of
	(#10)	(#11)				910100	bank level)
LAND	Parcel No.	Owner Name/Addre	-12			(#12)	
OWNERSHIP	E 1/2 = 61-05-		100			Land Use	
INFORMATION	the second secon	E 1/2 = Bruce VV. C	ordett				
INFORMATION	03-06-0-000-	932 Allred Dr.	2222			Flood plain / un	developed
	004-001	Oxford, Alabama 3					
	W 1/2 = 61-05-	W 1/2 = Werner C.	& Ruth E. Vog	t			
	03-06-0-000-	7791 31st Ave. N					
	004-008	St. Petersburg, FI	33710				
	Talladega Co.						
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	- Width	Height	Soil Type	Cover T		Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desci		Well Estab.
	(1-7	(/	-NA-	III74IGa	Desci	iption	vven Estab.
	440	400	3,430,4	1277.5 (578)		Also a si	
	110	100	Depth =	Sandy loam	Grass, weeds	s, small oak	Yes
			4 to 5		trees planted	along	
			per NRCS		perimeter		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
1000	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	nce of Slump,
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	Stability
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s)?	
DATA	(H): (V)		(H):(V)			110000	
	Flat	-NA-	Flat	-NA-	Flat	No	
KETCH OF AREA		AREA PHOTOGR	20 10 2 20 20				
TOWNS !	Reek.		The state of				
Choc. C			1 . P	- 40 4 1 20 0 1 /			
2	~ 70'						
	100'						
2							
2	100'						
2	100'						
IN C	100'						
2	100'						
IN CONTRACTOR	100' 110' PILE						
IN C	100' 110' PILE						
IN CONTRACTOR	100' 110' PILE						
IN CONTRACTOR	100' PILE						
DP VIEW	100' PILE						
DP VIEW	100' 110' PILE						
IN CONTRACTOR	100' PILE						
DP VIEW	100' PILE						
DP VIEW	100' PILE						

DATE OF INSPECTIO	ON : 09/01/08		INSPECTED	DOV Colder	Annapietas / D	A = = =	
DATE OF INSPECTIO	(#1)	(#2)	(#5)	(#6)	Associates / Ro (#7)		(40)
	Northing	Easting	Left (L) or	Distance	Top / Crest	(#8) Horiz. Dist.	(#9) Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1122863.8876	653390.9506	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(from map	reference	(ft)	(1.0)
	(via GPS)	(via GPS)		measurement)	benchmarks)	1.7	
	33° 35' 11.6729"	85° 50' 32.8112"	Right (R)	12,000	595.8	~40	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver	- 1				
INFORMATION	3-01-001	1 Meadowlake Fam				Pasture / agric	ultural
	Calhoun Co.	Oxford, Alabama 3	6203				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
			-NA-	Sand,	Grass and we		Yes,
	140	60	Depth =	Silt	most of area,	Colonial Advisor	
	140	. 00					except as
			4 to 6	Gravel	the edge of fil	And the second s	noted under
	(#40)	(1100)	per NRCS		pit interface, r		#17.
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
AREA	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	
SLOPE	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	a Stability
DATA	Length	(ft)	Width	(ft)	(H) : (V)	Problem(s) ?	
DATA	(H):(V)		(H):(V)				
	Flat	-NA-	Mostly	-NA-	3:1 where	No, however s	Jacob Company
4	riai	-14/-	flat	-11/-1-	fill transitions	soil is exposed	
			liet.		into old	the location no	
					borrow pit.	#17.	itea unaei
SKETCH OF AREA		AREA PHOTOGR	RAPH		borrow pit.	TIT.	
	Lower						
PILE	Portion of old Pit filled — 140' — 140' —						

	N: 09/01/98		INSPECTED	BY: Golder A	Associates / Rou	x Assoc.			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation		
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along		
	1123772.6958	655731.7219	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)		
LOCATION			(looking	(looking	Confluence	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)		
A CONTRACTOR OF THE PARTY OF TH	Latitude	Longitude		(from map	reference	(ft)			
	(via GPS)	(via GPS)	_	measurement)	benchmarks)				
	33° 35' 20.6653"	85° 50′ 05.1416″	Right (R)		596.1	80	0 (at top of		
	N	W					bank level)		
	(#10)	(#11)				(#12)			
LAND	Parcel No.	Owner Name/Addre	ess			Land Use			
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver							
INFORMATION	4-001-002	1 Meadowlake Farn	n Rd.			Pasture / agric	ultural		
	Calhoun Co.	Oxford, Alabama 3							
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)		
DUVCICAL		Width	Height	Soil Type	Cover T		Is Vegetation		
PHYSICAL	Length	1812 53955				-0	Well Estab.		
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription			
			-NA-			9 V	Yes,		
	240	70	Depth =	Sands	Grass and wee	eds	except a		
	4		5 to 6	Silts	V		dry spot on		
	7 1		per NRCS				corner.		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)			
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	nce of Slump,		
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area Stability			
SLOPE	Length	(ft)	Width	(ft)	(H):(V)				
DATA	(H): (V)	(-)	(H):(V)						
57,111	(17,11)		1 , , ,						
	Flat	-NA-	Flat	-NA-	Flat	No			
			V 1						
		Tr.							
		4			1				
KETCH OF AREA		AREA PHOTOGR	APH						
			APH		A A CO				
^		AREA PHOTOGR	APH	and the second		以			
	10'		APH	and the second	7	A STATE			
^	70'		APH	and the second	74				
^	FILE		APH						
^	70' PILE 240'		APH						
N E	2240'		APH						
N E	70' PILE 240'		APH						
N DE	240'		APH		7				
N DE	240'		APH						
N P	2240'		APH						
N DE	240'		APH						
N P	240'		APH						
TOP VIEW	240'		APH						
N Second	240' 20' K		APH						
TOP VIEW	240' 20' K		APH						
TOP VIEW	240' 20' K		APH						
TOP VIEW	240' 20' CREEK		APH						
TOP VIEW	240' 20' CREEK		APH						
TOP VIEW	240' 20' CREEK		APH						
OP VIEW	240' 20' K		APH						
DP VIEW	240' 20' CREEK		APH						
DP VIEW	240' 20' CREEK		APH						

DATE OF INSPECTION	ON : 09/01/98		INSPECTED	BY: Golder	Associates / Ro	IX Assoc		
DATE OF INOT LOTIO	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1124326.1238	656211.7946	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)	
LOCATION	100000000000000000000000000000000000000		(looking	Confluence	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)	
	Latitude	Longitude		(from map	reference	(ft)		
	(via GPS)	(via GPS)		measurement)	benchmarks)			
	33° 35' 26.1406"	85° 49' 59.4665"	Right (R)	9,000	596.1	80	0 (at top of	
	N	W					(bank level)	
The state of the s	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre	Land Use					
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver						
INFORMATION	4-01-002	1 Meadowlake Fam	5 - 6-1			Pasture / agric	ultural	
	Calhoun Co.	Охford, Alabama 3	6203		-			
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
(1505)		X.	-NA-					
	155	45	Depth =	Sands	Grass and wea	nde	Yes	
	100			Silts	Crass and wee	au S	103	
		1 - 1	6 to 7	Sills				
	(1140)	(400)	per NRCS	(#00)	(400)	(40.4)		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
4054	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slump, Erosion or Area Stability		
AREA SLOPE	Slope Along	(Along Length)	Slope Along Width	(Along Width)	Slope			
DATA	Length	(ft)	DISTRIBUTE.	(ft)	(H) : (V)	Problem(s) ?		
DATA	(H): (V)	+	(H):(V)				490	
	Flat	-NA-	Flat	-NA-	Flat	No		
	T los	10,	1 100	, , ,	1 701	NO		
			N .					
		1			I .			
SKETCH OF AREA		AREA PHOTOGR	RAPH					
SKETCH OF AREA	1/2	AREA PHOTOGR	RAPH	.p. 1			Par Million	
	45' 1N	STORES.	RAPH	j^{2}				
	45' 1N	STORES.	RAPH					
	45' 1N	STORES.	RAPH				*	
	45' 1N PILE 92'	STORES.	RAPH	1 . T				
	45' 1N PILE 90'	STORES.	RAPH					
	- PILE 1/2 80'	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
	45' 1 PILE 90' 80' Chac CReek	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
DP VIEW	- PILE 1/2 80'	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
DP VIEW	- PILE 1/2 80'	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
155'	- PILE 1/2 80'	STORES.	RAPH					
155'	PILE 95 80' Choc CREEK	STORES.	RAPH					
155'	PILE 95 80' Choc CREEK	STORES.	RAPH					
PILE PILE	- PILE 1/2 80'	STORES.	RAPH					
155' 155' 155' 155' 155' 155' 155' 155' 155'	PILE 95 80' Choc CREEK	STORES.	RAPH					

DATE OF INSPECTION	ON: 09/01/98		INSPECTED	BY: Golder	Associates / Ro	ux Assoc		
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation	
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along	
	1125444.6484	657128.8242	Bank?	from Snow Cr.	(арргох.)	of Area to	(# 8)	
LOCATION	2 32 7 2 30 2 3 2 3		(looking	Confluence	(ft-MSL)	Creek	(approx.)	
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)	
	Latitude	Longitude		(from map	reference	(ft)	(1.2)	
	(via GPS)	(via GPS)		measurement)	benchmarks)	(,,,		
	33° 35' 37.2064"	85° 49' 48.6254"	Right (R)	6,500	597.8	10	0 (at top of	
	N	W	i iigiic (i iy	0,000	007.0		bank level)	
	(#10)	(#11)				(#12)	Dai il (O'O)	
LAND	Parcel No.	Owner Name/Addre	288			Land Use	-	
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver				Lund Occ	-	
INFORMATION	4-01-002	1 Meadowlake Fam	n Rd			Pasture / agric	ultural	
5	Calhoun Co.	Oxford, Alabama 3				l asture / agric	uituiai	
			T 1	(#46)	1 /4	47)	(440)	
DI 10/010 11	(#13)	(#14)	(#15)	(#16)		17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
			-NA-					
	215	55	Depth =	Sands	Grass and wee	eds	Yes	
	1 5 2 2 1		4 to 5	Silts				
	1.		per NRCS	Onto				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
	Average	Slope Length	Average	Slope Length			nan of Chann	
AREA	Slope Along	(Along Length)			Steepest	Is There Evidence of Slum		
SLOPE	Length		Slope Along Width	(Along Width)	Slope	Erosion or Area Stability		
DATA		(ft)	2.000,000,000	(ft)	(H): (V)	Problem(s) ?		
DATA	(H):(V)		(H):(V)					
	Flat	-NA-	Flat	-NA-	Flat	Ži.		
	l lat	-14/-1-	rial	-11/-1-	riat	No		
		La contraction						
SKETCH OF AREA		AREA PHOTOGR	RAPH					
N				a della	# 02 TA	. 7	Call To	
	- PLE /		die bereit		17.0	4	18 E	
255'	5 MIE/			F 为第4		36	5. 7 L	
N CO	A 10'	41	10.00			5467		
W OF	7/10	4			4			
9	1/2		5-2	14	· ·	The same		
	١,			il se				
1	Char.		111		ř ·			
2	CHOC		200	15				
TOP VIEW								
ICA VICW		4-4-						
<551		Section 1						
693	-101							
		1 W 1 7 W						
>	-	Section 1						
m X In		THE RESERVE						
5 4	4	The state of						
PILE 5'	2							
TILL	Choc	ELF I - LEF						
1 LCC								
, icc	CREEK							
7,120	CREEK	MADE IN THE						
	CREEK	ALC: UNIT						
SIDE VIEW	CREEK	Photo Caption:	Area 29, view					

DATE OF INSPECTIO	ON - 09/01/98		INSPECTE	DRV Colder	Associates / Ro				
Division into Lorie	(#1)	(#2)	(#5)	(#6)	(#7)	ux Assoc. (#8)	(40)		
	Northing	Easting	Left (L) or	Distance	Top / Crest	Horiz. Dist.	(#9) Elevation		
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation (approx.)	From Toe	500 500 500 500		
	1127040.2954	657579.5389	Bank?	from Snow Cr.		of Area to	Drop Along		
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(# 8)		
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(approx.) (ft)		
	Latitude	Longitude	1	(from map		(ft)	(11)		
	(via GPS)	(via GPS)		measurement)	benchmarks)	(1.5)			
	33° 35' 52.9926"	85° 49' 43.2965"	Left (L)	3,500	602.2	300	0 (at top of		
	N	W			2.22	227	bank level)		
	(#10)	(#11)				(#12)			
LAND	Parcel No.	Owner Name/Addr	Land Use						
OWNERSHIP	11-21-09-32-	Edward C. Hopson							
INFORMATION	2-01-006	1700 Cheaha Dr.				Pasture / agric	ultural		
100	Calhoun Co.	Oxford, Alabama 36	3203						
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)		
PHYSICAL	Length	Width	Height	Soil Type	Cover T		Is Vegetation		
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	A		
2200	(ii)	(11)			Desc	ription	Well Estab.		
	405		2	Sands					
	135	230	Depth =	Silts	Grass		Yes		
		4	2 per	Gravel					
			NRCS						
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)			
72500	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slump, Erosion or Area Stability			
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope				
SLOPE	Length	(ft)	VVidth	(ft)	(H): (V)	Problem(s) ?			
DATA	(H):(V)		(H):(V)						
	0.00	4.4	42.4	Color Color					
	Mostly flat,	-NA-	Mostly	-NA-	5:1 at	No			
	except at		flat, except		south and	1 202			
	edges		at edges		east edges				
SKETCH OF AREA		AREA PHOTOGR	ADL						
	TOP VIEW	ANDAFROTOGR	WAPH						
N 300'	135' 230'								
: Choc creek					1220				
300'	1351								

APPENDIX B

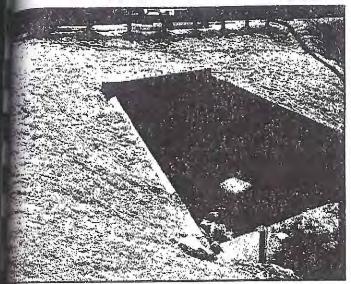
TYPICAL SPECIFICATIONS FOR EROSION CONTROL BLANKETS AND TURF REINFORCEMENT MATS

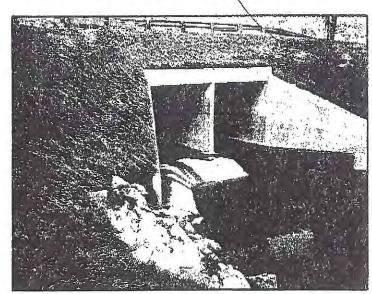


American Excelsior Company®

AN EMPLOYEE OWNED COMPANY

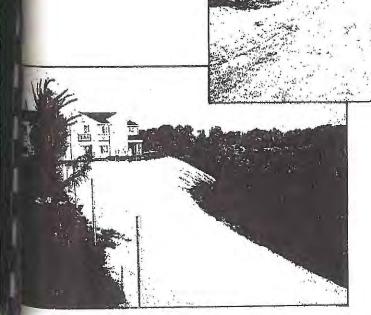
Curlex® Excelsior Blankets

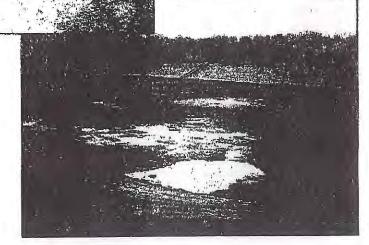




oduct....

Results



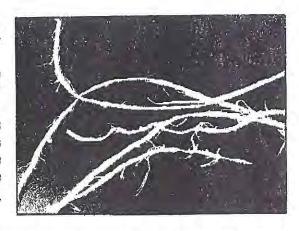


American Excelsior Company
"Working With Nature To Create a Better Environment"

Curlex® Blankets Have...

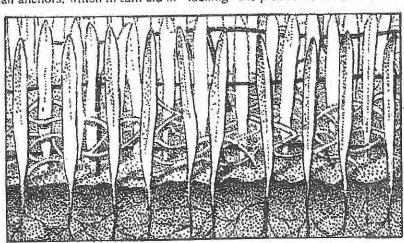
Curlex® Blankets have long passed the test of time, and their roven use has been seen by just about every agency or contractor ho has disturbed soil.

Curlex Blankets have a unique ability to not only "cling" to the foil, but to cling to its own internal construction, due to the "barbed" libers. 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 libers. 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 crosion and sediment control.

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

CURLEX® I **Erosion Control Blanket**

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

CURLEX" I MATERIAL SPECIFICATIONS

Materials:

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

Roll Sizes:

Width	Lei	nath	Area	Weight
4 ft (1.22m)	180 ft	(54.9m)	80.0 sy (66.9 m²)	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 (68.9 m2)	78 lb (35.4 kg)
8 ft (2.44m)	58.25 ft	(17.1m)	50.0 sy (41.8 m²)	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 revegetation. 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 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:

Fiber Size:

0.98 lb/sy (0.53 kg/m²) ± 10%

Polypropylene (green or white-UV degrader additive) Net:

3/4" wide by 1-5/8" long (19 mm wide by 41 mm long) Not Opening Size:

Net Configuration:

Top side only

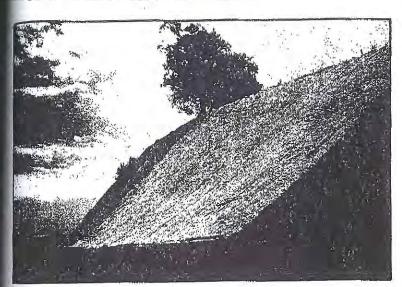
All weights and measures are based on product at time of manufacture



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 photodegradable, 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'

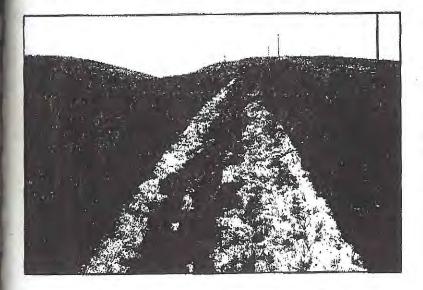
Weight:

.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

I lb./sq. yd.

DuickGrass



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:

Channels to 5 fps. Slopes to 1.5.1.

Green color makes this product ideal for sensitive areas

such as Landfills, Residential greas, Parks, etc.

Roll Sizes:

4'x 180',

4'x 112.5"

8'x 90°

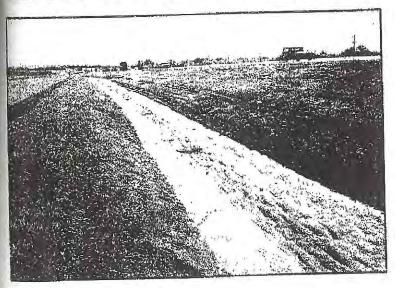
Weight

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, heavyduty, 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.

on Instructions

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

	•		SLC	PES		name of the last	Vernal live war a	
duct	Staple Diagram		Staples		Seam Overlap		Installation	
	Cahesine	Non-Cohesive	Cuhesive	Non-Cohesive	Cohesivo	NonCohesive	Cohesive	Non-Cahesive
rlax I	A	A	p	E	a.	F	Н	1
uriex II	Α	A	D	E	6.0	F	Н	1
wickGrass	A	A	D	E	dø	F	H	1

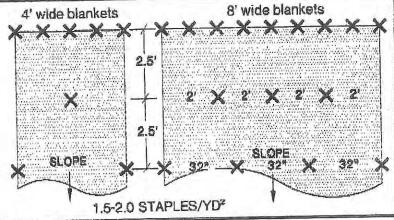
		CHAP	INE	S		-
Product	Staple	Diagram	Staples Seam O			Overlap
Soils	Cohasive	Non-Cohesive	Cohosive	Non-Cohesive	Cohesive	Non-Cohesive
Curlex I	8	8	Þ	E	G	G
Curlex II	8	8	D	E	G	Ġ
QuickGrass	6	В	D	E	G	G
Curlex III	С	C	D	E	G	G

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

SLOPES Up to 1.5H:1V

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

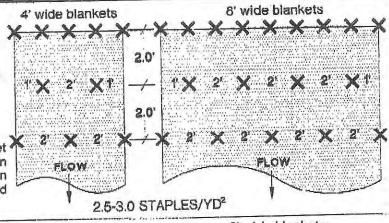


COHESIVE SOILS: Use 6" side seam overlap

- Use 6" staple length
- 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 5" side seam overlap
- Use 8" staple length
- Use 6" transverse anchor trench at 50-ft. intervals

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".

8' wide blankets 4' wide blankets X X_{FLOW} X 3.5-4.0 STAPLES/YD2

Hi-Velocity Curlex® Blankets

pling Instructions for AMXCO Velocity Curlex® Blankets

wire staples, 11 gauge in diameter greater, "U" shaped with legs 8" long longer and 1" to 2" crown. Size and luge of staples used will vary with soil les. Use four staples across at the int of each roil and continue to staple long the length of the roil at 2 ft. ervals. When blankets are placed long side each other, staple so as to lich the edge of each roil. In addition stapling the edges of the blanket at appropriate intervals (see drawing), lice staples in the center of the blanket lifway between the outer staples.

Hi-Velocity Curlex® Blankets

are recommended for the following water velocities:

Clay, Silty Clay,

Soil Types	Veloci Per S	econd
Clay, Clay Loam, Silt Clay	11	FPS

Sandy Clay Loam9.8 FPS

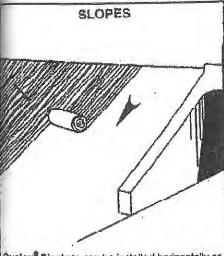
Fine Sandy Loam, Silty Loam......8.6 FPS

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.



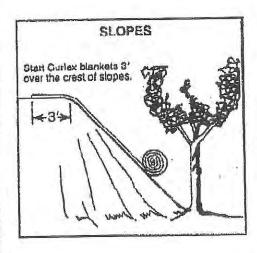
Use 4 staples across at the start of each roll and continue to staple throughout the length of the roll at 2 ft. intervals.

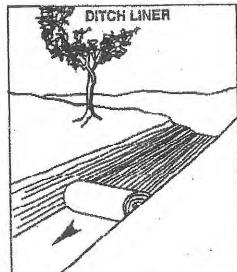
Overlap adjacent rolls 2" - 3" when used on horizontal installation. End and beginning of rolls overlap 6" minimum.



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.





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

Bury upstream end 6 inches.



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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:

		ENGLISH	VALUES ²
PROPERTY	TEST METHOD	MARV	TYPICAL
Mechanical			
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
Endurance			
UV Resistance @ 1000 hrs	ASTM D4355	80%	90%
Physical			
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%
Performance			
Velocity ⁷		1970	10 ft/sec
Shear Stress ⁷		***	4 1b/ft ²

ROLL SIZES:

 $6.5 \text{ ft} \times 138.5 \text{ ft} = 100 \text{ yd}^2 (70 \text{ lbs})$

SPECIAL ROLL SIZES:

 $3.25 \text{ ft x } 138.5 \text{ ft} = 50 \text{ yd}^2 \text{ (40 lbs)}$ $9.75 \text{ ft x } 138.5 \text{ ft} = 150 \text{ yd}^2 \text{ (100 lbs)}$ $13.0 \text{ ft x } 138.5 \text{ ft} = 200 \text{ yd}^2 \text{ (135 lbs)}$

NOTES:

The property values listed above are effective 12/3/96 and are subject to change without notice.

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.

Formerly test method ASTM D1682.

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.

Porosity calculation based upon mass per unit area, thickness, and specific gravity.

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.



General Description

Our LANDLOK® system of erosion control products combines technology with nature to provide a wide range of hydraulic and mechanical properties while omoting 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)

Page 2 of 2 ok Erosion Control Products

LANDLOK® three-dimensional turf reinforcement mats are designed to provide balanced performance over time. Composed of UV-stabilized, on-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.

he benefits include: excellent temporary erosion protection, rapid and uninhibited vegetative growth and permanent resistance to elevated hydralic forces.

Pyramat® Erosion Matrix

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

omposed 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.

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Contact us:

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

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

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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

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- 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-feet by 50-feet 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-feet 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 RFUCS 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 =
$$(X - Y) \times 100\%$$

(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.

Gennette J. Schlichenmeyer

Jeannette L. Schlichenmeyer

Staff Geologist

Mark N. Smith

Senior Hydrogeologist

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

Snow Creek 3 Alignot of Depth 30 24 18 15 18 15 18 15 18 15 18 15 18 18 15 18 15 18 15 18 15 18 15 18 15 18 15 18 15 18 15 24 18 15 24 18 15 24 18 15 24 18 15 24 18 15 15 25	<u>Dredge Spoil Area</u> Snow Creek 1 (SC-1)	Aliquot Depth	SC-1-1-1 10	SC-1-1-2 27	SC-1-1-3 36	SC-1-1-4 18	SC-1-1-5 30				
reek 4 Aliquot SC-41-1 SC-41-2 SC-41-3 SC-41-4 SC-41-5 Depth 27 30 24 18 18 18 18 18 18 18 18 18 18 18 18 18 18 13 33 30 27 15 16 10	Snow Creek 3 (SC-3)	Aliquot Depth	SC-3-1-1 30	SC-3-1-2 24	SC-3-1-3 18	SC-3-1-4 15	SC-3-1-5 18				
Aliquot SC-4-2-1 SC-42-2 SC-4-2-3 SC-4-2-4 SC-4-2-5 Depth 24 18 15 21 33 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 Leek 6 Aliquot SC-5-2-1 SC-5-2-3 SC-5-2-4 SC-5-2-5 Depth 24 30 33 15 15 Depth 24 18 12 18 15 Depth 30 24 12 12 15 Depth 30 24 12 12 15 Depth 30 24 12 12 15 Depth 20 18 6-30 20 24 Depth 20 18 6-30 20 24 Depth 20 20 9 10	Snow Creek 4 (SC-4)	Aliquot Depth	SC-4-1-1 27	SC-4-1-2 24	SC-4-1-3	SC-4-1-4 24	SC-4-1-5 18				
treek 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 15 Aliquot SC-5-2-1 SC-5-2-2 SC-5-2-3 SC-5-2-4 SC-5-2-5 Leek 6 Aliquot SC-6-1-1 SC-6-1-2 SC-6-1-3 SC-6-1-4 SC-5-2-5 Depth 24 18 12 18 15 Aliquot SC-6-2-1 SC-6-2-3 SC-6-2-4 SC-6-1-5 Depth 30 24 12 12 15 Aliquot SC-7-1 SC-7-2 SC-7-3 SC-7-4 SC-7-5 Depth 30 24 12 12 15 Aliquot SC-8-1 SC-8-2 SC-7-3 SC-7-4 SC-7-5 Depth 20 20 9 10 10		Aliquot Depth	SC-4-2-1 24	SC-4-2-2 18	SC-4-2-3 15	SC-4-2-4 21	SC-4-2-5 33				
Aliquot SC-5-2-1 SC-5-2-3 SC-5-2-4 SC-5-2-5 Depth 24 30 33 15 15 15 Leek 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-6-2-3 SC-6-2-4 SC-6-2-5 Depth 30 24 12 12 15 Leek 7 Aliquot SC-7-1 SC-7-2 SC-7-3 SC-7-4 SC-6-2-5 Depth 20 18 6-30 20 24 Sc-8-5 5 Depth 9 24 20 9 10	Snow Creek 5 (SC-5)	Aliquot Depth	SC-5-1-1 33	SC-5-1-2 30	SC-5-1-3 27	SC-5-1-4 15	SC-5-1-5 15				
Streek 6 Aliguot 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 Aliguot SC-6-2-1 SC-6-2-3 SC-6-2-4 SC-6-2-5 Depth 30 24 12 15 Sreek 7 Aliguot SC-7-1 SC-7-2 SC-7-3 SC-7-4 SC-7-5 Depth 20 18 6-30 20 24 Depth 9 24 20 9 10 Depth 9 24 20 9 10		Aliquot Depth	SC-5-2-1 24	SC-5-2-2 30	SC-5-2-3 33	SC-5-2-4 15	SC-5-2-5 15				
Aliquot SC-6-2-1 SC-6-2-3 SC-6-2-4 SC-6-2-5 Depth 30 24 12 12 15 15 Leek 7 Aliquot SC-7-1 SC-7-2 SC-7-3 SC-7-4 SC-7-5 Depth 20 18 6-30 20 24 Aliquot SC-8-1 SC-8-2 SC-8-3 SC-8-4 SC-8-5 Depth 9 24 20 9 10	Snow Creek 6 (SC-6)	Aliquot Depth	SC-6-1-1 24	SC-6-1-2 18	SC-6-1-3 12	SC-6-1-4 18	SC-6-1-5 15				
Steek 7 Aliquot SC-7-1 SC-7-2 SC-7-3 SC-7-4 SC-7-5 Depth 20 18 6-30 20 24 Creek 8 Aliquot SC-8-1 SC-8-2 SC-8-3 SC-8-4 SC-8-5 Depth 9 24 20 9 10		Aliquot Depth	SC-6-2-1 30	SC-6-2-2 24	SC-6-2-3 12	SC-6-2-4 12	SC-6-2-5 15				
Aliquot SC-8-1 SC-8-2 SC-8-3 SC-8-4 SC-8-5 Depth 9 24 20 9 10	Snow Creek 7 (SC-7)	Aliquot Depth		SC-7-2 18	SC-7-3 6-30	SC-7-4 20	SC-7-5 24	SC-7-6 SC-7-7 15 27	SC-7-8 18	SC-7-9 24	
(mercury sample for SC-8-1 taken at a ueput of 12 moues)	Snow Creek 8 (SC-8)	Aliquot Depth	SC-8-1 9 (mercury same	SC-8-2 24 ple for SC-8-1 to	SC-8-3 20 iken at a depth o	SC-8-4 9 of 12 inches)	SC-8-5 10	SC-8-6 SC-8-7 8 6-30	SC-8-8 10	SC-8-9 6-30	SC-8-10 SC-8-11 21 28

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

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

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

CC-29-2-1 CC-29-2-2 CC-29-2-3 24 18 12 CC-29-3-1 CC-29-3-2 CC-29-3-3 30 20 12	Choccolocco Creek 29 Aliquot CC-29-1-1 (CC-29) Aliquot CC-29-2-1 Depth 24 Aliquot CC-29-3-1 Depth 30
CC-29-2-1 CC-29-2-2 CC-29-2-4 CC-29-2-5 24 18 12 24 18 CC-29-3-1 CC-29-3-2 CC-29-3-4 CC-29-3-5 30 20 12 15 18 CC-29-4-1 CC-29-4-2 CC-29-4-4 CC-29-4-5 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

Snow Creek

SC-1

SC-3 SC-4 SC-5

SC-7

9-2S

NA=Not Analyzed.
mg/Kg = milligrams per kilogram or parts per million
<X.XXX = laboratory detection limit

SC-8

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

(mg/Kg) (mg/Kg) <t< th=""><th>Area</th><th>Sample I.D.</th><th>Arochlor 1016</th><th>Arochlor 1221</th><th>Arochlor 1232</th><th>Arochlor 1242</th><th>Arochlor 1248</th><th>Arochlor 1254</th><th>Arochlor 1260</th><th>Total</th><th>Mercury</th></t<>	Area	Sample I.D.	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total	Mercury
SC-8-8 (-0.380 (-0.760 (-0.380 (-0.380 (-0.380 (-0.380 (-0.380 (-0.370	Crook		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
SC-8-9 <u.370< th=""> <u.370<< td=""><td>CICCA</td><td>SC-8-8</td><td><0.380</td><td><0.760</td><td><0.380</td><td><0.380</td><td>1.100</td><td>2,300</td><td>2 000</td><td>5 400</td><td>Z</td></u.370<<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<></u.370<>	CICCA	SC-8-8	<0.380	<0.760	<0.380	<0.380	1.100	2,300	2 000	5 400	Z
SC-8-10 <a.1.900< a=""> <a.1.900< th=""> <a.1.100< th=""></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.100<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<></a.1.900<>		SC-8-9	<0.370	<0.750	<0.370	<0.370	2.000	3.600	4.300	006.6	N A N
SC-8-11 <1.900 <3.800 <1.900 <1.900 <1.900 <1.900 <1.900 <1.900 <1.900 <1.900 <1.900 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000 <1.000		SC-8-10	<1.900	<3.800	<1.900	<1.900	8.400	16.000	9.800	34.200	Z
SC-8-20 < < 1.800 < < 1.800 < < 1.800 < < 1.800 < < < > < < < < > < < < < < > < < < <		SC-8-11	<1.900	<3.800	<1.900	<1.900	7.000	25.000	14.000	46.000	NA
7-1 <0.180 <0.180 <0.180 <0.0180 0.620 0.990 0.760 2.370 7-2 <0.038			<1.800	<3.700	<1.800	<1.800	6.000	12.000	9.100	27.100	Y Z
7-1 <0.180 <0.380 <0.180 <0.180 <0.020 <0.990 <0.760 <2.370 $7-2$ <0.038 <0.077 <0.038 <0.035 <0.130 <0.140 <0.700 <1.380 $9-1$ <0.035 <0.071 <0.035 <0.035 <0.130 <0.140 <0.400 <0.400 $9-2$ <0.036 <0.072 <0.036 <0.035 <0.035 <0.010 <0.130 <0.300 $9-20$ <0.035 <0.072 <0.035 <0.035 <0.035 <0.040 <0.130 <0.040 $9-20$ <0.036 <0.072 <0.036 <0.035 <0.035 <0.039 <0.040 <0.040 $23-1$ <0.036 <0.072 <0.036 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 $23-2$ <0.039 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.040 <0.040 <0.030 <0.040 <0.040 <0.040 <0.040 <0.040 <0.040 <0.040 <	colocco Creek										1
7-2 <0.038		7-1	<0.180	<0.380	<0.180	<0.180	0.620	0.990	0.760	2.370	NA
9-1 <0.035 <0.071 <0.035 <0.035 <0.071 <0.035 <0.036 <0.130 <0.140 <0.400 9-2 <0.036 <0.072 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <td></td> <td>7-2</td> <td><0.038</td> <td><0.077</td> <td><0.038</td> <td><0.038</td> <td>0.240</td> <td>0.440</td> <td>0.700</td> <td>1.380</td> <td>1.0</td>		7-2	<0.038	<0.077	<0.038	<0.038	0.240	0.440	0.700	1.380	1.0
9-2 <0.036 <0.072 <0.036 <0.036 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.040 <0.190 <0.413 23-1 <0.0360		9-1	<0.035	<0.071	<0.035	<0.035	0.130	0.130	0.140	0.400	3.9
9-20 <0.035 <0.071 <0.035 <0.035 <0.035 <0.035 <0.036 <0.140 <0.190 <0.413 23-1 <0.360		9-2	<0.036	<0.072	<0.036	<0.036	0.062	0.110	0.130	0.302	NA
23-1 <0.360		9-20	<0.035	<0.071	<0.035	<0.035	0.083	0.140	0.190	0.413	NA
23-2 <0.390	2	23-1	<0.360	<0.720	<0.360	<0.360	0.780	1.800	1.700	4.280	NA
23-3 <0.072		23-2	<0.390	<0.800	<0.390	<0.390	1.300	2.800	2.300	6.400	NA
23-4 <0.190		23-3	<0.072	<0.140	<0.072	<0.072	0.370	0.800	0.800	1.970	NA
23-5 <0.760		23-4	<0.190	<0.380	<0.190	<0.190	0.660	1.700	1.500	3.860	NA
23-6 <0.380		23-5	<0.760	<1.500	<0.760	<0.760	<0.760	6.100	4.700	10.800	0.65
24-1 <0.170		23-6	<0.380	<0.770	<0.380	<0.380	0.470	2.900	3.400	6.770	NA
<0.180	-	24-1	<0.170	<0.350	<0.170	<0.170	0.450	0.890	0.720	2.060	NA
<0.370		24-2	<0.180	<0.360	<0.180	<0.180	0.590	1.600	1.500	3.690	NA
<0.200		24-3	<0.370	<0.750	<0.370	<0.370	1.300	3.400	3.100	7.800	AN
 <0.069 <0.140 <0.069 <0.069 <0.330 <0.460 <0.380 <0.170 <0.180 <0.180 <0.180 <0.180 <0.180 <0.180 <0.180 		24-4	<0.200	<0.400	<0.200	<0.200	0.920	2.000	2.000	4.920	N.A.
<0.180 <0.360 <0.180 <0.180 0.410 0.650 0.660 1.720		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

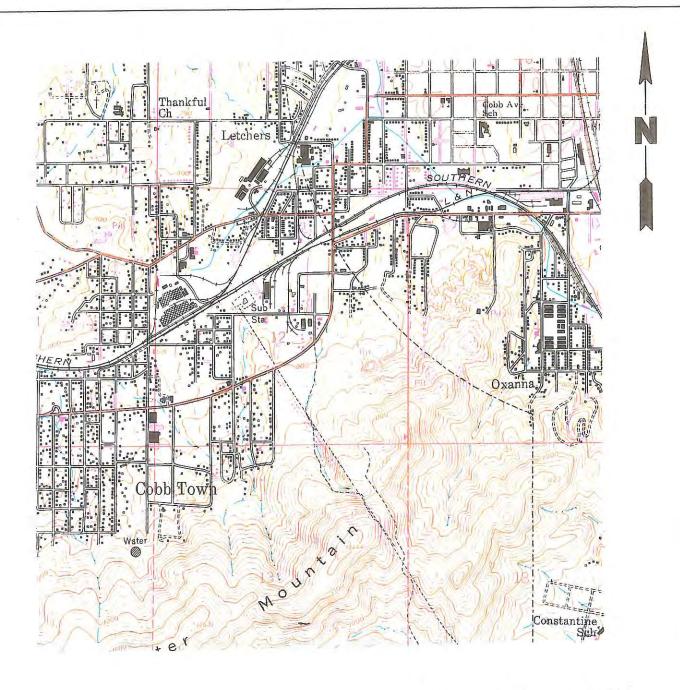
mg/Kg = milligrams per kilogram or parts per million <X.XXXX = laboratory detection limit NA=Not Analyzed.

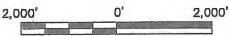
Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 3 of 3

<0.730 <0.360 <0.840 1.400 3.640 NA <1.500 <0.760 <0.760 1.700 3.500 3.700 8.900 NA <1.500 <0.760 <0.760 1.700 3.500 3.700 8.900 NA <0.740 <0.360 <0.360 0.770 1.700 1.900 4.370 NA <0.720 <0.350 <0.350 0.550 2.100 2.000 4.650 2.0 <0.360 <0.180 <0.180 0.610 0.610 0.930 2.290 NA <0.380 <0.190 <0.190 1.500 1.500 0.930 3.930 2.6 <0.380 <0.190 <0.190 1.500 0.560 0.630 1.550 NA <0.380 <0.190 <0.190 0.510 0.510 0.640 1.970 NA <0.380 <0.190 <0.190 0.510 0.500 0.640 1.970 NA <0.030 <0.076	Samı	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)
<0.360 <0.360 0.840 1.400 3.640 <0.760 <0.760 1.700 3.500 3.700 8.900 <0.360 <0.360 0.770 1.700 1.900 4.370 <0.350 <0.350 0.570 2.000 4.650 <0.180 <0.610 0.930 0.750 2.290 <0.180 <0.610 0.610 0.930 2.290 <0.830 <0.830 1.200 2.600 6.300 <0.190 <0.150 1.500 0.930 3.930 <0.170 <0.170 0.360 0.640 1.970 <0.190 <0.190 0.510 0.640 1.970 <0.190 <0.140 0.510 0.640 1.970 <0.370 <0.140 0.750 0.600 2.450 <0.076 <0.180 0.660 1.900 2.450 <0.180 <0.180 0.660 1.100 3.260											
<0.760	24-7 <0.360	<0.360		<0.730	<0.360	<0.360	0.840	1.400	1.400	3.640	NA
<0.360		<0.760		<1.500	<0.760	<0.760	1.700	3.500	3.700	8 900	T N
<0.350	24-9 <0.360	<0.360		<0.740	<0.360	<0.360	0.770	1.700	1.900	4.370	NAN
<0.180		<0.350		<0.720	<0.350	<0.350	0.550	2.100	2.000	4.650	2.0
<0.830		<0.180		<0.360	<0.180	<0.180	0.610	0.930	0.750	2.290	o Z
<0.190		<0.830		<1.700	<0.830	<0.830	1.200	2.500	2.600	6 300	NA
<0.170		<0.190		<0.380	<0.190	<0.190	1.500	1.500	0.930	3.930	26
<0.190		<0.170		<0.360	<0.170	<0.170	0.360	0.560	0.630	1.550	o d
<0.370		<0.190		<0.380	<0.190	<0.190	0.510	0.820	0.640	1 970	NA
<0.076 <0.076 1.100 0.750 0.600 2.450 <0.180 <0.180 0.660 1.500 1.100 3.260	•	<0.370		<0.750	<0.370	<0.370	1.400	2.000	1.200	4.600	Y AN
<0.180 <0.180 0.660 1.500 1.100 3.260		9/0.0>		<0.150	<0.076	<0.076	1.100	0.750	0.600	2.450	36
	v	<0.180		<0.370	<0.180	<0.180	0.660	1.500	1.100	3.260	NA N

NA=Not Analyzed.

mg/Kg = milligrams per kilogram or parts per million <XXX = laboratory detection limit





Title:

SITE LOCATION MAP

ANNISTON, ALABAMA

Prepared For:

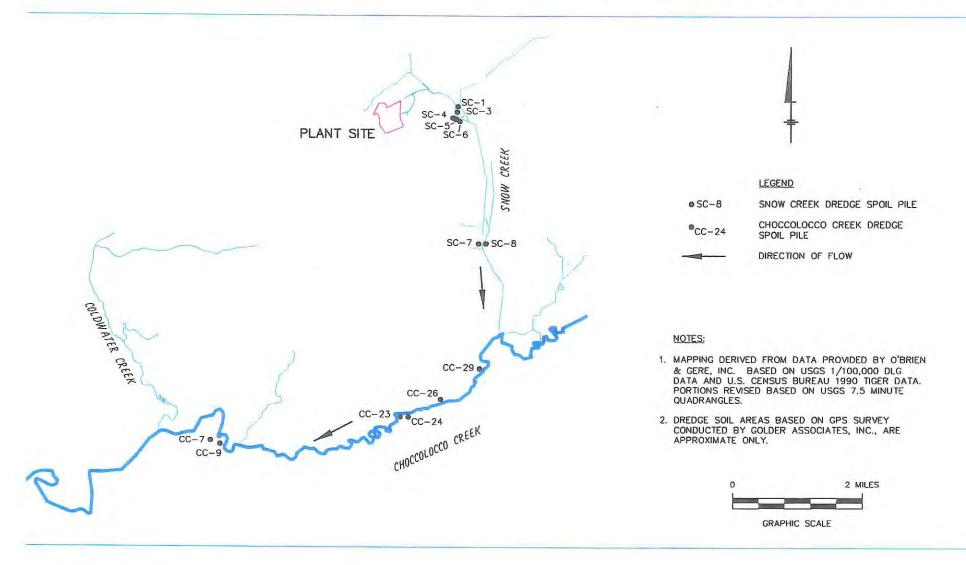
SOLUTIA, INC.

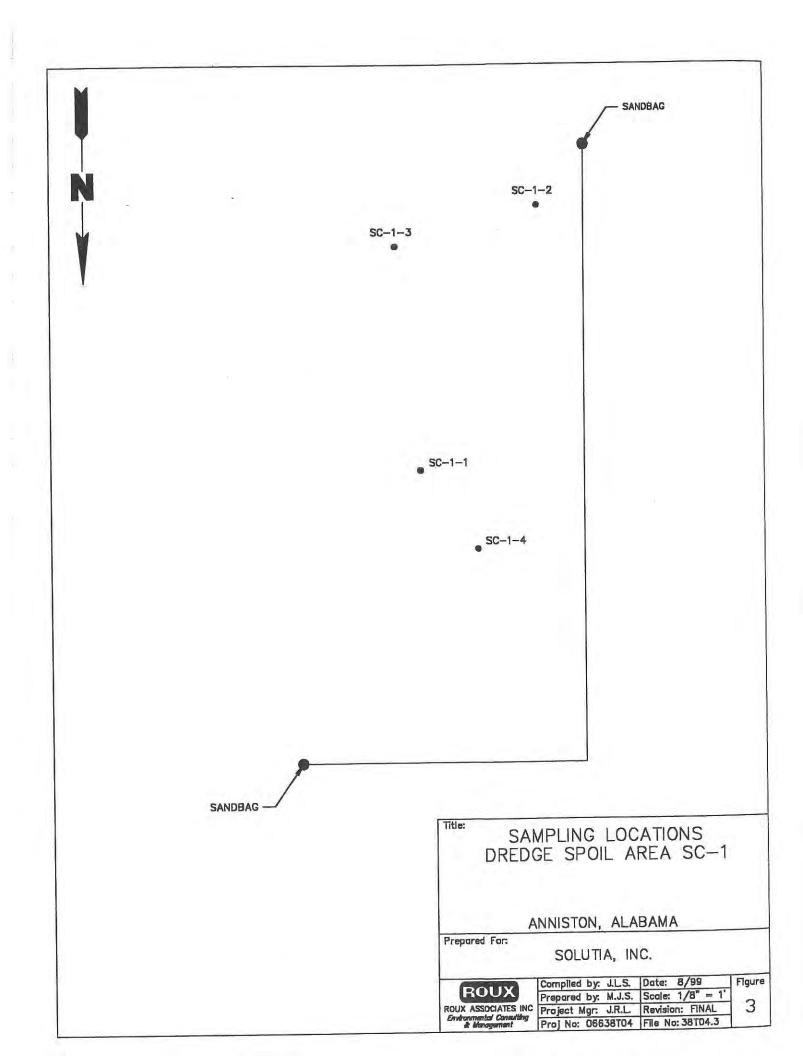
SOURCE: U.S.G.S ANNISTON, ALABAMA QUADRANGLE 1975 7.5 MINUTES SERIES (TOPOGRAPHIC)

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Compiled by: J.L.S.	Date: 8/99	Figure
Prepared by: M.J.S		
Project Mgr. J.R.L.	Revision: FINAL	7 1
Proj No: 06638T04	File No: 38T04.1	

Figure 2 - Locations of Dredge Spoil Areas





-N--

SNOW CREEK

sc-3-2

SC-3-4

SC-3-1

SC-3-3

SC-3-5

HIGHWAY 202

_TREE

Title:

SAMPLING LOCATIONS DREDGE SPOIL AREA SC-3

ANNISTON, ALABAMA

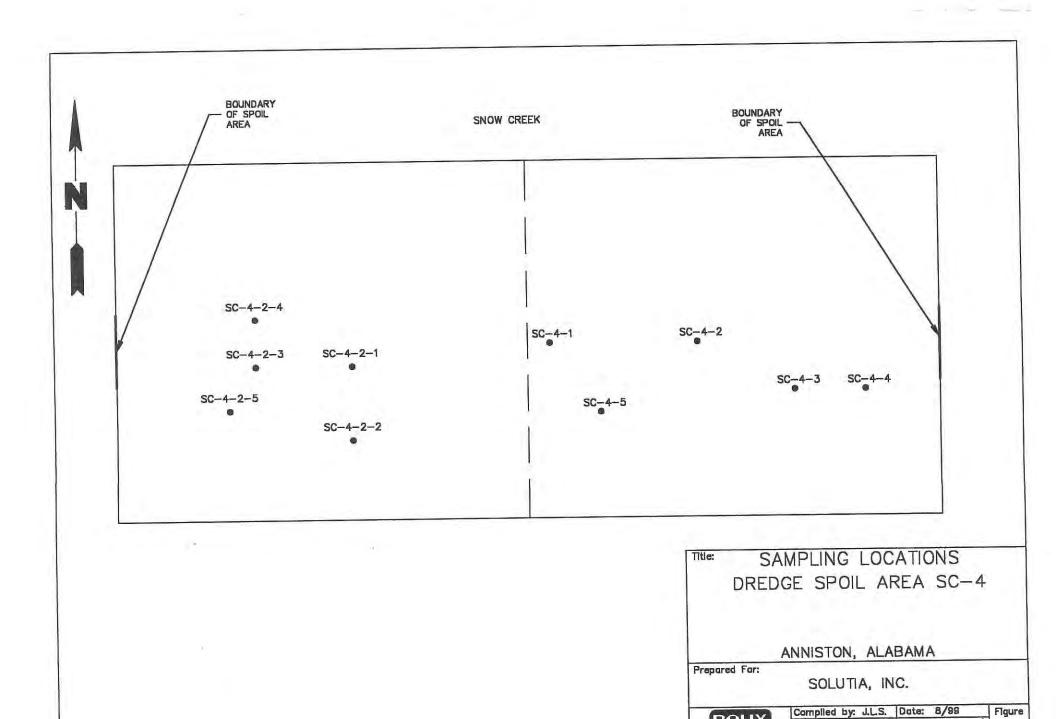
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SOLUTIA, INC.

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Ì	Prepared by: M.J.S.	Scale: 1/4" = 1'	
1	Project Mgr. J.R.L.	Revision: FINAL,	4
ı	Prof No: 06638T04	File No: 38T04.4	



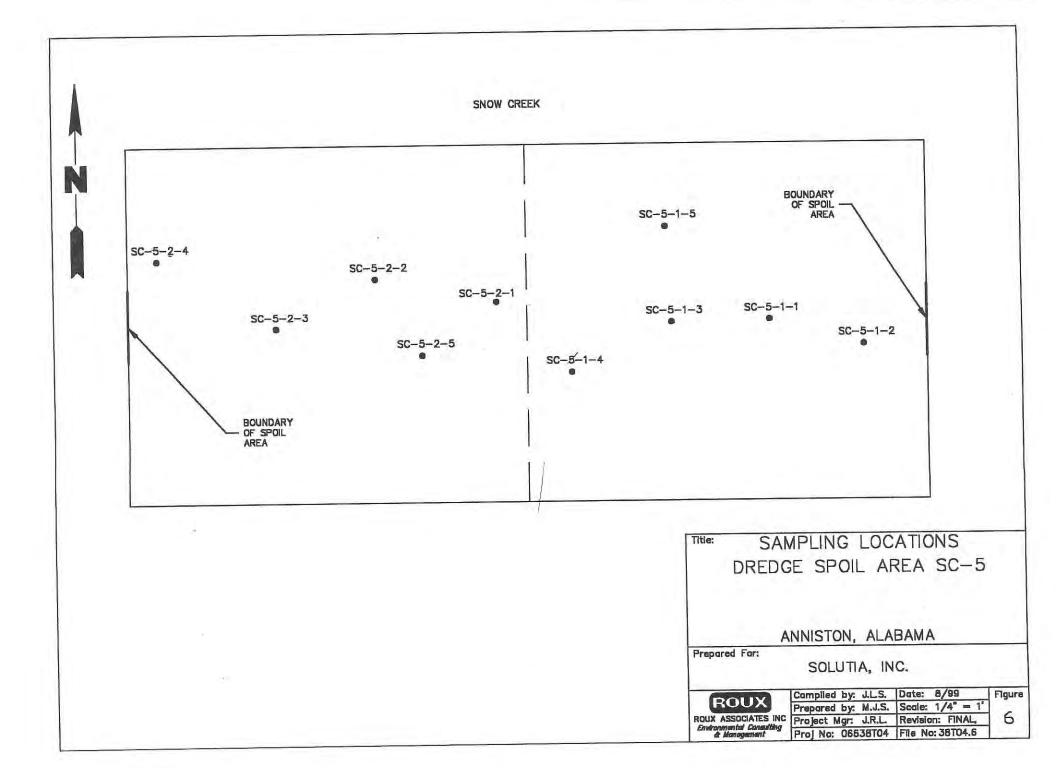
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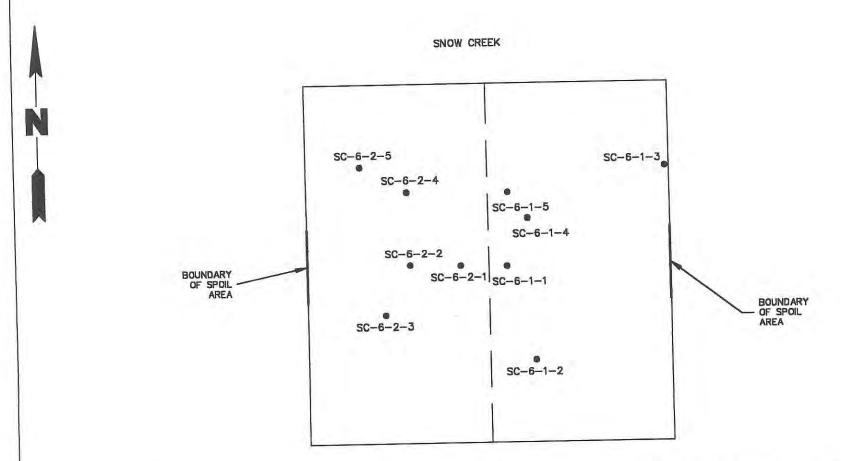
Environmental Consulting & Management

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

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

ROUX ASSOCIATES INC Project Mgr. J.R.L. Revision: FINAL,





Title: SAMPLING LOCATIONS
DREDGE SPOIL AREA SC-6

ANNISTON, ALABAMA

Prepared For:

SOLUTIA, INC.

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	ASSOC		
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-	Complied by: J.L.S.	Date: 8/99	Figure
	Prepared by: M.J.S.	Scale: 1/4" = 1"	-
S INC	Project Mgr. J.R.L.	Revision: FINAL,	/
ulting t	Proj No: 06638T04	File No: 38TO4.7	

SC-7-9 SC-7-7 SC-7-6 SC-7-5 EVERGREEN CLOSEST TO CREEK SAMPLING LOCATIONS DREDGE SPOIL AREA SC-7 RAILROAD TRACKS -ANNISTON, ALABAMA

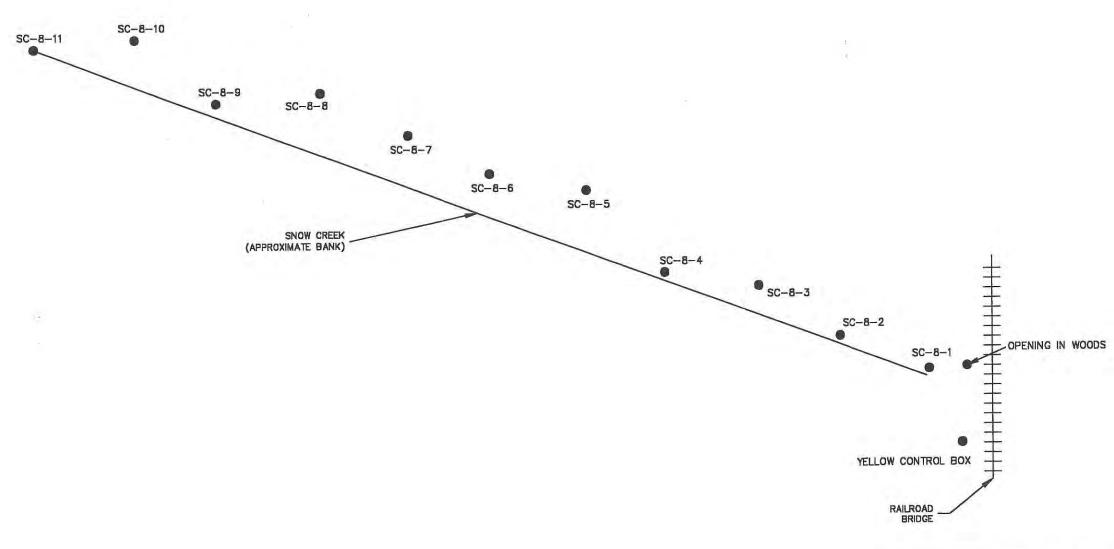
ROUX ASSOCIATES INC
Environmental Consulting & Management

Compiled by: J.L.S. Date: 8/99
Prepared by: M.J.S. Scale: 1"=50'
Project Mgr: J.R.L. Revision: FINAL
Proj No: 06638T04 File No:38T04.8

SOLUTIA, INC.

Prepared For:

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ANNISTON, ALABAMA

Prepared For:

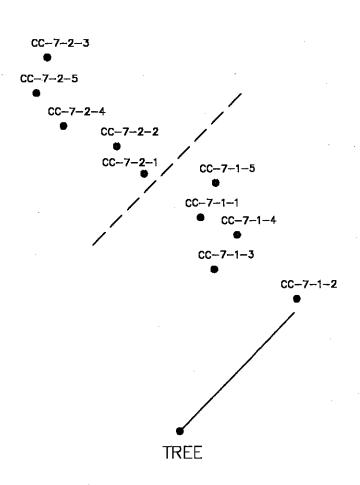
SOLUTIA, INC.

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

Figure

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	Prepared by: M.J.S.	
ROUX ASSOCIATES INC		Revision: FINAL
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9



SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-7

TALLADEGA COUNTY, ALABAMA

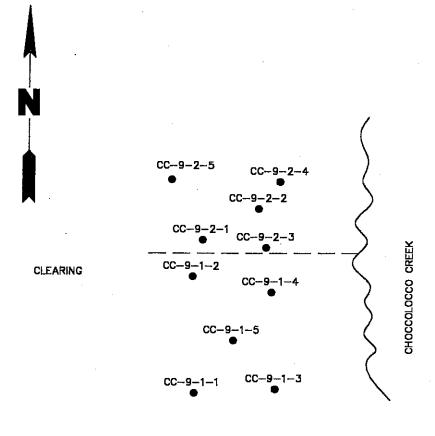
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roject Mgr: J.R.L.	Revision: FINAL
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Figure 10



TREES

Title:

SAMPLING LOCATIONS DREDGE SPOIL AREA CC-9

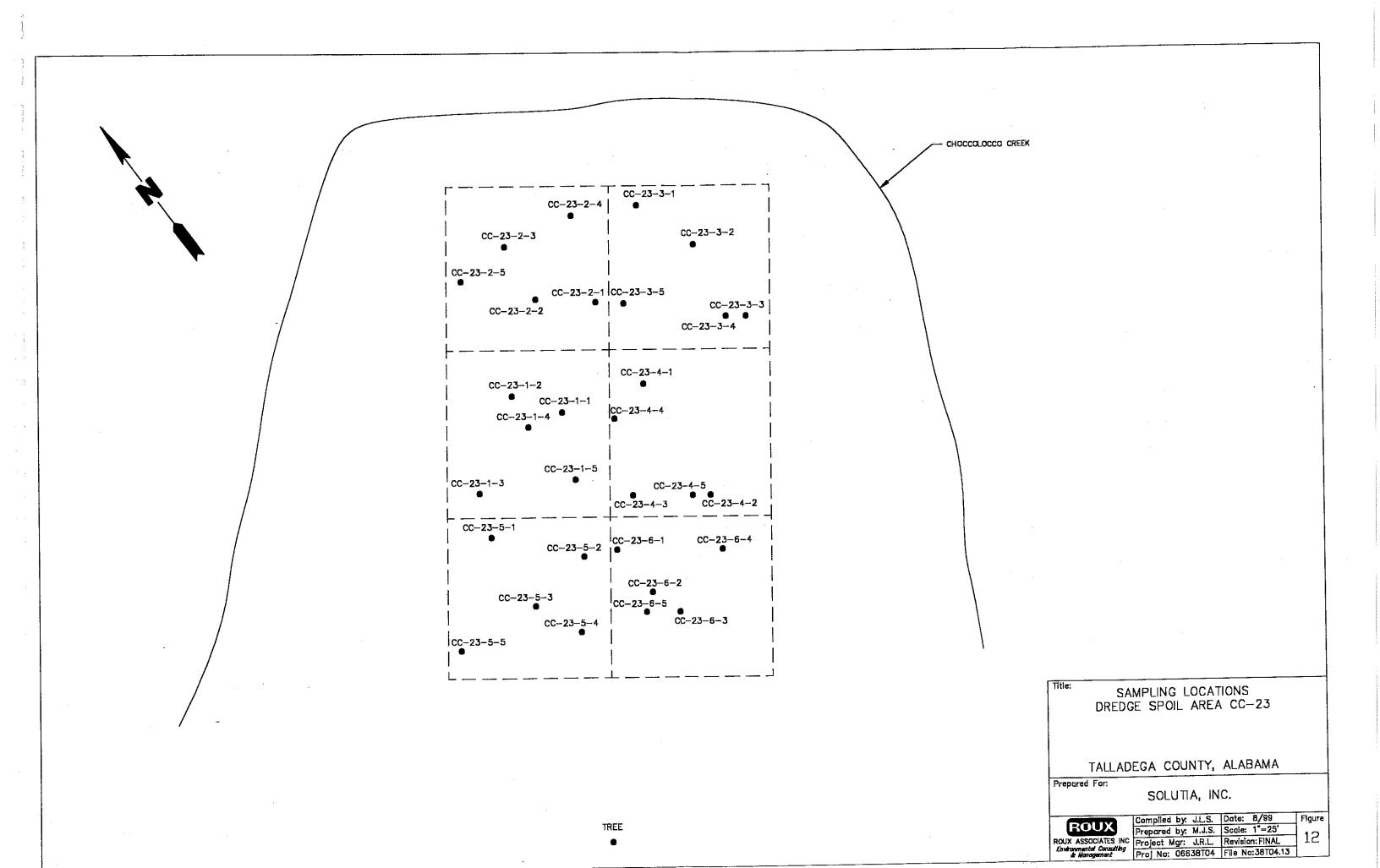
TALLADEGA COUNTY, ALABAMA

Prepared For:

SOLUTIA, INC.

Figure 11

OUX ASSOCIATES INC	Complied by: J.LS.	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



CC-24-1-5 CC-24-1-3 | CC-24-2-1 CC-24-1-1 RIGHT POST OF UTILITY BRIDGE CC-24-3-1 CC-24-5-3 CC-24-3-5 CC-24-5-5 CC-24-5-2 HIGHWAY 21 CC-24-8-1 CC**−2**4−7−5 CC-24-6-5 CC-24-7-4 CC-24-7-3 CC-24-7-1 CC-24-11-5 CC-24-10-1 | CC-24-9-5 CC-24-11-4 CC-24-10-5 CC-24-11-1 CC-24-10-2 ● CC-24-11-2 CHOCCOLOCCO CREEK

SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-24

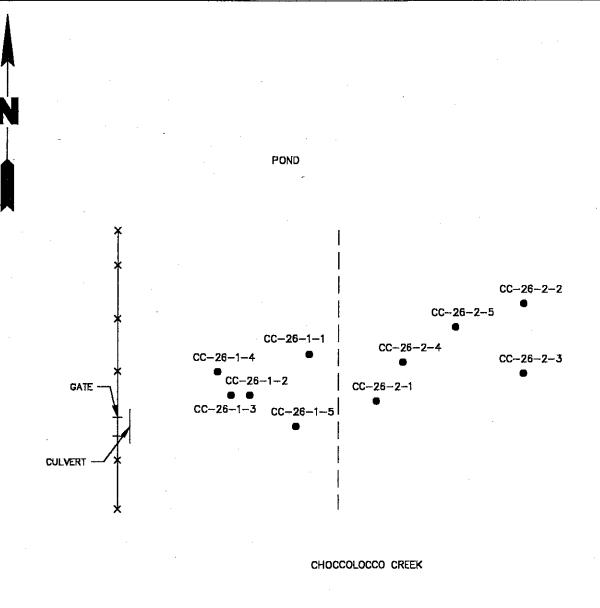
TALLADEGA COUNTY, ALABAMA

Prepared For:

SOLUTIA, INC.

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ROUX ASSOCIATES INC Environmental Consulting	Pr
& Management	Pr

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SAMPLING LOCATIONS
DREDGE SPOIL AREA CC-26

CALHOUN COUNTY, ALABAMA

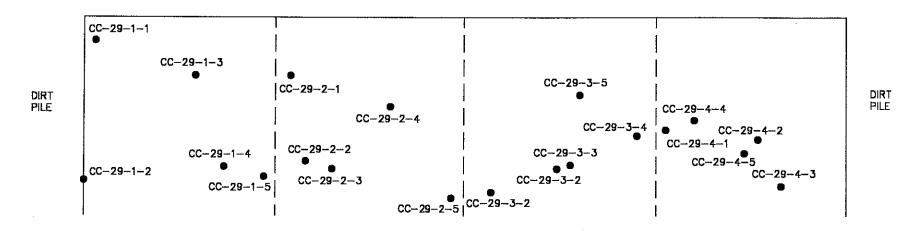
Prepared For:

SOLUTIA, INC.

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Environmental Consulting
Management

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Prepared by: M.J.S.	Scale: 1"=25"	4.4
Project Mgr. J.R.L.	Revision: FINAL	14
Proj No: 06638T04	File No:38T04.14	

CHOCCOLOCCO CREEK



SAMPLING LOCATIONS DREDGE SPOIL AREA CC-29

CALHOUN COUNTY, ALABAMA

Prepared For:

SOLUTIA, INC.

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OUX ASSOCIATES INC	Pro
& Management	Ď

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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

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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-feet by 50-feet grid was used to determine the number of samples to be collected from each area. A fifty-feet 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	Location	Distance	Height/Depth	Area	Maximum
Area	Lat. (° N) / Long. (°W)	From	(H/D) (ft)	(length x	Number of
11101	Law (11) Long. (11)	Bank (ft)		width) (ft x ft)	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					1
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
	33° 34' 30.8762" / 85° 53' 00.6391"	100	$H \sim 2 / D = 2 \text{ to } 5$	165 x 100	6
	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	H ~10	280 x 165	15
		flood berm)		·	
Area 25	33° 35' 05.1703" / 85° 50' 45.5931"	70	D = 4 to 5	110 x 100	4
	33° 35' 11.6729" / 85° 50' 32.8112"	~ 40	D = 5 to 6	140 x 60	2
	33° 35' 20.6653" / 85° 50' 05.1416"	80	D = 5 to 6	240 x 70	4
	33° 35' 26.1406" / 85° 49' 59.4665"	80	D = 6 to 7	155 x 45	3
	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

APPENDIX B LABORATORY DATA SHEETS



LOG NO: S9-14052

Received: 19 JUN 99

Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

Mr. Jerry Hopper Solutia Inc. 300 Birmingham Highway

Anniston, AL 36201

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

Code: 174690728

REPORT OF RESULTS

Page 1

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



LOG NO: S9-14052

Received: 19 JUN 99

Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

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

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

Code: 174690728

REPORT OF RESULTS

Page 2

LOG NO	SAMPLE D	ESCRIPTION , SC	LID OR SEMI			SAMPLED
14052-6	24-6				06-1	4-99/16:20 4-99/17:15
14052-7						5-99/16:50
14052-8	24-8					.5-99/16:40
	24-9					5-99/17:35
14052-10	24-11					
PARAMETER			14052-7	14052-8	14052-9	14052-10
PCB's (8082)						
Aroclor-1016, ug/	kg dw	<180	<360	<760	<360	
Aroclor-1221, ug/	kg dw	·. <360	<730	<1500	<740	
Aroclor-1232, ug/	kg dw	<180	< 360	<760	<360	
Aroclor-1242, ug/	_	<180	<360	<760	<360	<180
Aroclor-1248, ug/	kg dw	410	840	1700	770	610
Aroclor-1254, ug/	_	650	1400	3500	1700	930
Aroclor-1260, ug/	_	660	1400	3700	1900	750
Surrogate - TCX	_	49 %	*F33	*F33	*F33	
Date Extracted		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	
Dilution factor		5.0			10.0	
Batch ID		06220	06220	06220	06220	06220
Instrument ID		SGJECD				
Percent Solids		93	91	87	91	94



LOG NO: S9-14052 Received: 19 JUN 99

Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

Mr. Jerry Hopper Solutia Inc.

300 Birmingham Highway Anniston, AL 36201

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

Code: 174690728 Page 3

REPORT OF RESULTS

		KEPOKI (or Kesonis		DATE/
LOG NO	SAMPLE DE	SCRIPTION , SO	OLID OR SE	MISOLID SAMPI	·
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
DADAMETER		14052-11	14052-12	14052-13	14052-14 14052-15

PARAMETER	14052-11	14052-12	14052-13	14052-14	14052-15
PCB's (8082)				.100	<170
Aroclor-1016, ug/kg dw	<830	<190	<370	<180	
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 ક	*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



LOG NO: S9-14052

Received: 19 JUN 99 Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

Mr. Jerry Hopper Solutia Inc.

300 Birmingham Highway Anniston, AL 36201

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

Code: 174690728

REPORT OF RESULTS

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LOG NO SA	MPLE DESCRIP	REPORT OF		SOLID SAMPL	DATE/ ES TIME	SAMPLED
14052-17 9- 14052-18 9- 14052-19 23	20				06-15 06-15 06-16	-99/13:25 -99/14:55 -99/14:58 -99/09:15
PARAMETER	1	4052-16	14052-17	14052-18	14052-19	14052-20
PCB's (8082) Aroclor-1016, ug/kg Aroclor-1221, ug/kg Aroclor-1232, ug/kg Aroclor-1242, ug/kg Aroclor-1248, ug/kg Aroclor-1254, ug/kg Aroclor-1254, ug/kg Aroclor-1260, ug/kg Surrogate - TCX Date Extracted Date Analyzed Dilution factor Batch ID Instrument ID	dw dw dw dw dw dw dw	<180 <380 <180 <180 620 990 760 48 % 6.22.99 6.28.99	<36 <72 <36 <36 62 110 130 45 % 06.22.99 06.25.99 1.0 06220	<35 <71 <35 <35 83 140 190 40 % 06.22.99 06.25.99 1.0 06220	<360 <720 <360 <360 780 1800 1700 *F33 06.22.99 06.28.99 10.0 06220	<390 <800 <390 <390 1300 2800 2300 *F33 06.22.99
Percent Solids		89	92	94	92	84



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Received: 19 JUN 99 Reported: 02 JUL 99

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Client PO. No.: 4503076264

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300 Birmingham Highway Anniston, AL 36201

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Project: DREDGE SPOIL AREAS

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REPORT OF RESULTS

LOG NO	SAMPLE I	DESCRIPTION , SO	LID OR SEMI	SOLID SAMPI	DATE LES TIME	/ SAMPLED
14052-23 14052-24	23-3 23-4 23-6 SC-6-1 SC-6-2			. ·	06-1 06-1 06-1	6-99/11:05 6-99/10:55 6-99/12:45 7-99/08:15 7-99/09:20
PARAMETER	4	14052-21	14052-22	14052-23	14052-24	14052-25
PCB's (8082) Aroclor-1016, ug/ Aroclor-1221, ug/ Aroclor-1232, ug/ Aroclor-1242, ug/ Aroclor-1248, ug/ Aroclor-1254, ug/ Aroclor-1260, ug/ Surrogate - TCX Date Extracted Date Analyzed Dilution factor Batch ID Instrument ID	kg dw kg dw kg dw kg dw kg dw	<72 <140 <72 <72 <72 370 800 800 47 % 06.22.99 06.28.99 2.0 0622P SGKECD	<380	<380 <770 <380 <380 470 2900 3400 *F33 06.22.99 06.28.99 10.0 0622P SGKECD	<720 <1400 <720 <720 2900 12000 5000 *F33 06.22.99 06.28.99 20.0 0622P SGKECD	21000 9300 *F33 06.22.99 06.28.99 100.0 0622P SGKECD
Percent Solids		92	87	87	92	88



LOG NO: S9-14052 Received: 19 JUN 99

Reported: 02 JUL 99 REVISED 28 JUL 99

Client PO. No.: 4503076264

Mr. Jerry Hopper Solutia Inc.

300 Birmingham Highway Anniston, AL 36201

Contract No.: S7219

Project: DREDGE SPOIL AREAS Sampled By: Client

Code: 174690728

		OF RESULTS	TEAT TO SAMOI	DATE	Page 6 / SAMPLED
LOG NO SAMPLE	DESCRIPTION , SO	DIID OR SEMI	SOUTD SAME		
14052-26 SC-5-1					7-99/09:00
14052-50 SC-5-2					7-99/09:55
14052-51 SC-4-1					7-99/10:58
14052-52 SC-4-2			-		7-99/10:50
14052-53 SC-7-1				06-1	7-99/16:20
PARAMETER	14052-26	14052-50	14052-51	14052-52	14052-53
PCB's (8082)	.700	<3600	<350	<700	<370
Aroclor-1016, ug/kg dw	<720	<7300	<710	<1400	<750
Aroclor-1221, ug/kg dw	<1400	<3600	<350	<700	<370
Aroclor-1232, ug/kg dw	<720	<3600	<350	<700	<370
Aroclor-1242, ug/kg dw	<720	29000	2300	2300	<370
Aroclor-1248, ug/kg dw	<720		7700	9700	2800
Aroclor-1254, ug/kg dw	9500	43000	3800	5400	1800
Aroclor-1260, ug/kg dw	4700	16000	*F33	*F33	*F33
Surrogate - TCX	*F33	*F33	06.22.99	06.22.99	06.22.99
Date Extracted	06.22.99	06.22.99	06.22.99	06.28.99	06.28.99
Date Analyzed	06.28.99	06.28.99	10.0	20.0	10.0
Dilution factor	20.0	100.0		0622P	0622P
Batch ID	0622P	0622P	0622P	SGKECD	SGKECD
Instrument ID	SGKECD	SGKECD	SGKECD	SGVECD	5010205
Percent Solids	92	92	94	94	89



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KEVIDED 20 UUL 99

Client PO. No.: 4503076264

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

Contract No.: S7219
Project: DREDGE SPOIL AREAS

Sampled By: Client

		REPORT	OF RESULTS		Code	: 174690728 Page 7
LOG NO	SAMPLE	DESCRIPTION ,	SOLID OR SE	MISOLID SAMP	DATE LES TIME	/ SAMPLED
14,052-54	SC-7-2				06-1	7-99/16:25
14052-55	SC-7-3					7-99/16:35
14052-56	SC-7-5				06-1	7-99/17:20
14052-57	SC-7-6				06-1	7-99/17:30
14052-58	SC-7-7				06-1	7-99/17:40
PARAMETER		14052-54				
PCB's (8082)						
Aroclor-1016, ug	/kg dw	<37	<38	<37	<370	<180
Aroclor-1221, ug					<750	
Aroclor-1232, ug			. <38		<370	
Aroclor-1242, ug	/kg dw				<370	
Aroclor-1248, ug	/kg dw	4.4	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		06221	0622P	06220	0622Q	0622Q
Instrument ID			SGKECD			
Percent Solids		89	87	89	89	90

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Received: 19 JUN 99

Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

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

Contract No.: S7219
Project: DREDGE SPOIL AREAS

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REPORT OF RESULTS

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LOG NO SAMPLE	DESCRIPTION , SO	OLID OR SEM	ISOLID SAMPI	DATE, LES TIME	/ SAMPLED
14052-59 SC-7-8				06-1	7-99/18:10
14052-60 SC-7-9				06-1	7-99/18:15
14052-61 SC-8-1				06-18	8-99/09:30
14052-62 SC-8-2				06-18	8-99/09:25
14052-63 SC-8-3				06-18	8-99/10:00
PARAMETER	14052-59	14052-60	14052-61	14052-62	14052-63
	11002 07				
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 ક	*F33	55 %	*F33	43 ક
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	06220	0622Q	06220
Instrument ID	SGJECD	SGJECD	SGJECD	SGJECD	SGJECD
Percent Solids	91	91	90	92	87

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Client PO. No.: 4503076264

Solutia Inc. 300 Birmingham Highway Anniston, AL 36201

Mr. Jerry Hopper

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

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REPORT OF RESULTS

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LOG NO S	SAMPLE DESC	RIPTION , SO	OLID OR SEMI	SOLID SAMPI	DATE, LES TIME	/ SAMPLED
14052-65 S 14052-66 S 14052-67 S	SC-8-4 SC-8-5 SC-8-6 SC-8-7 SC-8-9				06-18 06-18 06-18	3-99/10:18 3-99/10:52 3-99/11:05 3-99/11:38 3-99/12:52
PARAMETER		14052-64	14052-65	14052-66	14052-67	14052-68
PCB's (8082) Aroclor-1016, ug/kg Aroclor-1221, ug/kg Aroclor-1232, ug/kg Aroclor-1242, ug/kg Aroclor-1248, ug/kg Aroclor-1254, ug/kg Aroclor-1260, ug/kg Aroclor-1260, ug/kg Surrogate - TCX Date Extracted Date Analyzed Dilution factor Batch ID Instrument ID	1 qm 1 qm 1 qm 1 qm 1 qm	<38 <77 <38 <38 140 290 320 42 % 06.22.99 06.28.99 1.0 06220 SGJECD	<73 <150 <73 <73 530 1100 1000 53 % 06.22.99 06.29.99 2.0 0622Q SGJECD	<380 <760 <380 <380 1500 3100 2200 *F33 06.22.99 06.26.99 10.0 0622Q SGJECD	<750 <1500 <750 <750 3200 5700 5100 *F33 06.22.99 06.29.99 20.0 0622Q SGJECD	<370 <750 <370 <370 2000 3600 4300 *F33 06.22.99 06.26.99 10.0 0622Q SGJECD
Percent Solids		87	90	88	. 88	89

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LOG NO: S9-14052

Received: 19 JUN 99 Reported: 02 JUL 99

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Client PO. No.: 4503076264

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

Contract No.: S7219

Project: DREDGE SPOIL AREAS

Sampled By: Client

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REPORT OF RESULTS

DATE/

LOG NO	SAMPLE DESCR	IPTION , SO	LID OR SEMI	SOLID SAMP	LES TIME	SAMPLED
14052-69 14052-70 14052-71 14052-72	SC-8-11 SC-8-20				06-18 06-18	3-99/11:58 3-99/12:45 3-99/09:28 3-99/11:07
PARAMETER		14052-69				
PCB's (8082) Aroclor-1016, ug/l Aroclor-1221, ug/l Aroclor-1232, ug/l Aroclor-1242, ug/l Aroclor-1248, ug/l Aroclor-1254, ug/l Aroclor-1260, ug/l Surrogate - TCX Date Extracted Date Analyzed Dilution factor Batch ID Instrument ID	kg dw kg dw kg dw kg dw kg dw kg dw	<380 <780 <380 <380 1100 2300 2000 *F33 06.22.99 06.26.99 10.0 0622Q	<1900 <3800 <1900 <1900 7000 25000 14000 *F33 06.22.99 06.29.99	<1800 <3700 <1800 <1800 6000 12000 9100 *F33 06.22.99 06.29.99 50.0	<1900 <3800 <1900 <1900 8400 16000 9800 *F33 06.22.99 06.29.99 50.0 0622Q	
Percent Solids		86	88	90	87	



LOG NO: S9-14052

Received: 19 JUN 99 Reported: 02 JUL 99

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Contract No.: S7219

Project: DREDGE SPOIL AREAS Sampled By: Client

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REPORT OF RESULTS

DATE /

LOG NO	SAMPLE DESC	RIPTION , SO	LID OR SEMI	SOLID SAMPI	DATE/ ES TIME	SAMPLED
					06-15	-99/17:15
14052-37						-99/09:25
14052-38	29-3					-99/10:40
	26-1					-99/13:55
14052-40	7 - 2					-99/14:50
14052-41	9-1				06-13	
PARAMETER		14052-37	14052-38	14052-39	14052-40	14052-41
PARAMETER						
PCB's (8082)	/a - a .	~2E0	<76	<190	<38	<35
Aroclor-1016, ug			<150	<380		<71
Aroclor-1221, ug			. <76	<190	<38	<35
Aroclor-1232, ug				<190	<38	
Aroclor-1242, ug			1100		240	130
Aroclor-1248, ug	_		750	1500	440	130
Aroclor-1254, ug			. 600	930	700	140
Aroclor-1260, ug	/kg dw		45 %		56 °s	
Surrogate - TCX		*F33			06.22.99	06.22.99
Date Extracted		06.22.99			06.25.99	
Date Analyzed		06.28.99			1.0	_
Dilution factor		10.0				0622P
Batch ID			06240		SGKECD	
Instrument ID		SGKECD	SGKECD	SGKECD	5GIGEOD .	20
Mercury (7471)	1	2 0	3.6	2.6	1.0	
Mercury, mg/kg d		ne 25 99	06.25.99	06.25.99	06.25.99	06.25.99
Preparation Date	:	06.26.99			06.26.99	06.26.99
Date Analyzed		10	20		10	20
Dilution factor					0625T	0625T
Batch ID		. 00231	00201			

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Mr. Jerry Hopper

Contract No.: S7219

Project: DREDGE SPOIL AREAS

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		REPORT	OF RESULTS	}	2200	Page 12	
LOG NO	SAMPLE	DESCRIPTION , S	SOLID OR SE	MISOLID SAM	DATE PLES TIME	SAMPLED	
14052~37	24-10				06-1	15-99/17:15	
14052-38	29-3				06-1	L5-99/09:25	
14052-39	26-1				06-3	15-99/10:40	•
14052-40	7-2				06-2	15-99/13:55	
14052-41	9-1				06-3	15-99/14:50	
PARAMETER		14052-37	14052-38	3 14052-39	14052-40	14052-41	
Percent Solids		93	87	7 88	87	94	



LOG NO: S9-14052 Received: 19 JUN 99

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

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Project: DREDGE SPOIL AREAS

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REPORT OF RESULTS

DATE/
TIME SAMPLED

LOG NO SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES TIME SAMPLED							
14052-42 14052-43 14052-44 14052-45	SC-3 SC-1	• • -			06-17 06-17	-99/12:20 -99/13:20 -99/14:15 -99/16:40	
PARAMETER		14052-42	14052-43	14052-44	14052-45		
PCB's (8082)					3		
Aroclor-1016, ug	g/kg dw	<760	<720	<700	<38		
Aroclor-1221, ug		<1500	<1400	<1400	<76		
Aroclor-1232, ug		<760	<720	<700	<38		
Aroclor-1242, ug	/kg dw	<760			<38		
Aroclor-1248, ug	ı/ka dw	<760	3300	2200	67		
Aroclor-1254, ug		6100	15000	12000	580		
Aroclor-1260, ug		4700	6600	5400			
Surrogate - TCX	_	*F33					
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	e	06.25.99	06.25.99	06.25.99	06.25.99		
Date Analyzed			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		



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Client PO. No.: 4503076264

Solutia Inc. 300 Birmingham Highway Anniston, AL 36201

Mr. Jerry Hopper

Aroclor-1242, ug/l

Aroclor-1248, ug/l

Aroclor-1254, ug/l

Aroclor-1260, ug/l

Surrogate - TCX

Date Extracted

Date Analyzed
Dilution factor

Instrument ID

Batch ID

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REPORT OF RESULTS

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LOG NO	SAMPLE DE	SCRIPTION , L	IQUID SAMPLI	ES	DATE/ TIME SAMPLED	
14052-73 14052-74 14052-75	SC-R1 SC-R2 SC-R3				06-17-99/18:20 06-18-99/11:38 06-18-99	
PARAMETER		14052-73	14052-74	14052-75		
PCB's (8082) Aroclor-1016, Aroclor-1221, Aroclor-1232,	ug/l	<1.0 <2.0 <1.0	<1.0 <2.0 <1.0	<1.0 <2.0 <1.0		

<1.0

-<1.0

<1.0

<1.0

55 %

1.0

0622R

SGNECD

06.22.99 06.22.99 06.22.99 06.24.99 06.24.99 06.24.99

<1.0

<1.0

<1.0

<1.0

60 ક

1.0

0622R

SGNECD

<1.0

<1.0

<1.0

<1.0

55 %

1.0

0622R

SGNECD

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Client PO. No.: 4503076264

Solutia Inc. 300 Birmingham Highway Anniston, AL 36201

Mr. Jerry Hopper

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Project: DREDGE SPOIL AREAS Sampled By: Client

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REPORT OF RESULTS

DATE/

LOG NO SAMPLE	DESCRIPTION , Q				SAMPLED
14052-78 LCS Acc	Blank trol Standard % curacy Control L Name (First In Blank	Recovery imit (%R) itial.Last	Name)		
PARAMETER	14052-76	14052-77	14052-78	14052-88	14052-90
PCB's (8082) Aroclor-1016, ug/kg dw Aroclor-1221, ug/kg dw Aroclor-1232, ug/kg dw Aroclor-1242, ug/kg dw Aroclor-1248, ug/kg dw Aroclor-1254, ug/kg dw Aroclor-12560, ug/kg dw Surrogate - TCX Date Extracted Date Analyzed Dilution factor Batch ID	<33 <67 <33 <33 <33 <33 45 % 06.22.99 06.25.99 1.0 0622P	48 % 55 % 57 % 06.22.99 06.25.99 1.0 0622P	34-138 % 39-138 %	S.Graves S.Graves S.Graves S.Graves	<33 <66 <33 <33 <33 <33 <33 51 % 06.24.99 06.28.99 1.0 06240
Instrument ID	SGKECD	SGKECD			SGKECD
Mercury (7471)					
Mercury, mg/kg dw	<0.020			L.REEVES	
Preparation Date		06.25.99	· ·		
Date Analyzed		06.26.99			₩ → -
Dilution factor	1.0				
Batch ID	0625T	0625T			

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REPORT OF RESULTS

--- A.MCNEELY

--- A.MCNEELY

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DATE/
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)

LOG NO

Aroclor-1016, 48 % A.MCNEELY 53 % A.MCNEELY Aroclor-1260, 46 % ---Surrogate - TCX 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 --- A.MCNEELY Aroclor-1232, ug/kg dw

Mercury (7471)

Aroclor-1242, ug/kg dw

Aroclor-1248, ug/kg dw

Aroclor-1254, ug/kg dw

LOG NO: S9-14052

Received: 19 JUN 99

Reported: 02 JUL 99

REVISED 28 JUL 99

Client PO. No.: 4503076264

Solutia Inc. 300 Birmingham Highway Anniston, AL 36201

Mr. Jerry Hopper

Date Extracted

Date Analyzed Dilution factor

Instrument ID

Batch ID

Contract No.: S7219

Project: DREDGE SPOIL AREAS

--- 06.22.99 06.22.99

--- 06.26.99 06.26.99

1.0

06220

SGJECD

1.0 06220

SGJECD

Sampled By: Client

Code: 174690728

•		REPORT (OF RESULTS		D. 7. 11. 11.	Page 17	
LOG NO	SAMPLE DESCR	IPTION , Q	C REPORT FOR	SOLID/SEMI	DATE SOLID TIME	•	
14052-79 14052-80 14052-81 14052-82 14052-83	Method Blank Lab Control LCS Accuracy Method Blank Lab Control	Standard % Control L:	imit (%R)				
PARAMETER			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 d w	<33			<33		
Aroclor-1254, ug/	kg d w	<33			<33		
Aroclor-1260, ug/	kg dw	<33	49 %	39-138 %	<33	54 %	
Surrogate - TCX		67 ક	58 %		45 %	49 %	

1.0

0622Q

SGJECD

06.22.99 06.22.99

06.29.99 06.29.99

1.0

0622Q

SGJECD

SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

Mr. Jerry Hopper

300 Birmingham Highway Anniston, AL 36201

Solutia Inc.

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

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 18

REPORT OF RESULTS

DATE/

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

14052-84

LCS Accuracy Control Limit (%R)

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14052 04

PCB's (8082).

Aroclor-1016,

34-138 %

Aroclor-1260,

39-138 %

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

LOG NO: S9-14052 Received: 19 JUN 99

Reported: 02 JUL 99 REVISED 28 JUL 99

Client PO. No.: 4503076264

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

Contract No.: S7219

Project: DREDGE SPOIL AREAS

B.WREN

B.WREN

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1.0

0622R

SGNECD

Sampled By: Client

Code: 174690728

REPORT OF RESULTS

Page 19

				,	DATE	/
LOG NO	SAMPLE DESCRI	PTION , Q	C REPORT FOR	LIQUID SAI	MPLES TIME	SAMPLED
14052-85	Method Blank					
14052-86	Lab Control St	tandard %	Recovery			
14052-87	LCS Accuracy	Control L:	imit (%R)			
14052-89	Analyst Name	(First In:	itial.Last N	(ame)		
		<u></u> .				
PARAMETER	:	14052-85	14052-86	14052-87	14052-89	
PCB's (8082)						
Aroclor-1016, ug/	1	<1.0	84 왕	45-134 %	B.WREN	
Aroclor-1221, ug/	1	<2.0	* * =		B.WREN	
Aroclor-1232, ug/	1	<1.0			B.WREN	
Aroclor-1242, ug/	1	<1.0	:		B.WREN	
Aroclor-1248, ug/	1	<1.0			B.WREN	
Aroclor-1254, ug/	1	<1.0			B.WREN	
Aroclor-1260, ug/	1	<1.0	92 %	41-144 %	B.WREN	
Surrogate - TCX		55 %	75 왕	30-150 %	B.WREN	
Date Extracted	(06.22.99			
Date Analyzed			06.23.99			
_						

Methods: EPA SW-846, Update III.

Dilution factor

Instrument ID

Batch ID

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

1.0

0622R

SGNECD

1.0

0622R

SGNECD

abeth f. Beaughamp, øject Manager

Final Page Of Report

Q. leed PCB & Mercuiry] EXPEDITED REPORT | DELIVERY(surcharge) PAGE / OF TIME TIME Fax: (334) 666-6696 Fax: (813) 885-7049 Fax: (904) 878-9504 Fax: (504) 725-1163 STANDARD REPORT SOLIVERY Fax: (912) 352-0165 REMARKS DATE DATE Date Due: Phone: (334) 666-6633 Phone: (813) 885-7427 Phone: (504) 764-1100 Phone: (912) 354-7858 Phone: (904) 878-3994 RELINGUISHED BY: (SIGNATURE) LABORATORY REMARKS: RECEIVED BY: (SIGNATURE) REQUIRED ANALYSES NUMBER OF CONTAINERS SUBMITTED 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 INTENTIONE とのかしる (女 5102 LaRoche Avenue, Savannah, GA 31404 TIME TIME SL LOG NO. DAT5 Mercary LABORATORY USE ONLY CUSTODY INTACT | CUSTODY SEAL NO. Suractle L. dahlochandel MATRIX RELINQUISHED BY: (SIGNATURE) 🤛 X 6 4 RECEIVED BY: (SIGNATURE) Jeannette Schilchenmayer FAX 281-335-8600 h92910805h 1949 CVS DVE INC ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD 36201 PHONE 281 - 33 5 P.O. NUMBER Jerry Hoppel CLIENT PROJECT MANAGER SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC. SAMPLE IDENTIFICATION TIME IME PROJECT NO. RECEIVED FOR LABORATORY BY: (SIGNATURE) | DAT a wante X dalachange 08-4B 24-6 54-7 6-40 1-150 8-76 H-he タイン 8-10 カーカン Solution Inc. PHOJECT REFERENCE 30/14/ CLIENT ADDRESS (CITY, STATE, ZIP) (SIGNATURE) 188 S. O 4/99 /4.3D 14:40 16:20 00:91/65 16:40 499, 14. 35 TIME RELINQUISHED BY SAMPLE RECEIVED BY, CLIENT NAME DATE State)

SAVANNAH, LABORATORY CO以

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■ SAVANNAH LABORATORIES ■ & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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

Fax: (813) 885-7049 Fax: (504) 725-1163 Fax: (334) 666-6696 Fax: (912) 352-0165 Fax: (904) 878-9504 ☐ 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 X 5102 LaRoche Avenue, Savannah, GA 31404

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SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.	☐ 25102 LaRoche Avenue, Savarmah, GA 31404 ☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 ☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (912) 354-7858 Phone: (904) 878-3994 Phone: (334) 666-6633	Fax: (912) 352-0165 Fax: (904) 878-9504 \ \ Fax: (334) 666-6696
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PAGE 6 OF 6 EXPEDITED REPORT DELIVERY(surcharge) Fax: (334) 666-6696 Fax: (813) 885-7049 Fax: (504) 725-1163 Fax: (904) 878-9504 TIME Fax: (912) 352-0165 STANDARD * THE PORT DELIVERY IME REMARKS DATE DATE 4 Date Due: Phone: (334) 666-6633 Phone: (813) 885-7427 Phone: (904) 878-3994 Phone: (504) 764-1100 7 ~ %:} RELINQUISHED BY: (SIGNATURE) 🖈 LABORATORY REMARKS: RECEIVED BY: (SIGNATURE) REQUIRED ANALYSES NUMBER OF CONTAINERS SUBMITTED □ 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 5102 LaRoche Avenue, Savannah, GA 31404 TENESCHEICH ST. でもので Ξ¥Ε TIME SL LOGNO. ST. COMMINTED DATE OF STEEL ABORATORY USE ONLY CUSTODY INTACT CUSTODY SEAL NO. 809587 (2807) Pedex MATRIX RELINQUISHED BY (SIGNATURE) 4503076264 281-338-8790 John -335- 41100 PODIJOS PODIJOS ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD P.O. NUMBER CLIENT PROJECT MANAGER SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC. SAMPLE IDENTIFICATION PHONE Jeanneth Schlicheninger FAX IIM IIM IIM TIME PROJECT NO. RECEIVED FOR LABORATORY BY: (SIGNATURE) | DAT earneth gondelines PROJECT REFERENCE OF SPOT ルトペエトの 300 Birmingham. AFPAB SAMPLER(S) NAME CLIENT ADDRESS (CITY, STATE, ZIP) RELINQUISHED BY: (SIGNATUR S. NO 109:28 1.07 TIME SAMPLE 0 CLIENT NAME RECEIVÉD BY DATE

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2



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 1

LOG NO SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	TIME SAMPLED
15509-1 SC-8-1	08-17-99
PARAMETER 15509	-1
Mercury (7471) Mercury, mg/kg dw Preparation Date Date Analyzed Dilution factor Batch ID 0 08.19.9 08.19.9	99 99 .0
Percent Solids	89



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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

LOG NO	SAMPLE DESCRIPTION ,			/SEMISOLID	DATE/ TIME SAMPLE	D
15509-2 15509-3 15509-4 15509-5	Method Blank Lab Control Standard LCS Accuracy Control User Specified					
PARAMETER		1	5509-2	15509-3	15509-4	15509-5
Mercury (74 Mercury, m Preparation Date Analy Dilution for Batch ID	g/kg dw n Date zed	08	<0.020 .19.99 .19.99 1.0 0819R	87 % 08.19.99 08.19.99 1.0 0819R	80-120 % 	BJB

Methods: EPA SW-846, Update III.

Elizabeth F Beauchamp, Project Manager

Toronto Carlos					-												
Delivery Method: ☐ In Person ☐ Common Carrier Flating Cypnica ☐ Lab Courier ☐ Other SPECIFY	- The state of the	Special Instructions/Remarks: Sample taken 17 Aug 97 1020 Analyze for Merchy (Received by Hunt Greation: Seal Intact? Received by Hunt Greation: Seal Intact? Organization: Seal Intact? Organization: Seal Intact?	Date 8							17 March 1	SAMPLE IDENTITY Sampled / NOS	Sample SC B-1 /5 3 3 /	ah Lebs	Project Location Annal Treek (5)	e Sail Pites	Shuria, Inc. MONGANTO CHAIN-OF-CUSTODY RECORD Page / of /
		on!	ntact?	Mag to 1								<u> </u>			\		

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APPENDIX C DATA VALIDATION CALCULATIONS

ROUX

CALCULATION FORM

SY	Tis	_ DATE	1,7/99	PROJECT	NO. 06638TO
CHECKED BY DESCRIPTION:	Data	Validation	,,,,,,		
Duplicate	Compai	130113		•	
Sample ID		The second secon			
24-2			24-20 (ppb)	e de la companya de l	
A-1016	< 180		4 830		
A-1221	4 360		L 1700		
A-1232	4180	2	(830		
A-1242	Z 180		(830		
A-1248	590	The control of the second of the	1200		
A-1254	1600	**	500		
A-1260	1300		.600		
Moisture (%)	8		2/		
A-1248 X=24-2	(5	70 - 1200)	× 100 =	Z	
y = 24 - 20	7	590 + 1200]/2			
y		inia 1947 - Arigina 1951 - Arigina <u>Z</u> aran ya na	and a decimal of the second o		
	100 X -	895 J	= 68,2		
		68.20/0	2		
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Wata	qualiti	es as g	ualitativ		
	100%>=	2 > 60%	- Samples	d. Inted	
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24-2 5.0	* * * *				
24-20 21	0.0				
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A-12549=	7050	X 100		antitativ	
911	2050 V 43,9%	6	< 60%		
	1. No. 10 (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
[A-1260] =	1100 V	x 100 /			
	2050 V	,	% Dato	2 J	11.1
			at Date	- Quant	rative

ROUX

CALCULATION FORM

CLIENT/PROJECT Solutia - Anniston Officite PAGE OF PROJECT NO. 06638TOY

BY MNS DATE 8-5-99 PROJECT NO. 06638TOY

CHECKED BY JLS DATE 8/11/99

Description Data Validation

Duplicate Samples

5C-8-2 (ppb) 5C-8-20 (ppb)

A-1016 21800 21800 A-1221 23600 23700 A-1232 21800 21800 21800

A - 1242 $\angle 1800$ $\angle 1800$ A - 1248 62∞ 6000 12000

A-1254 13000 12000 A-1260 9500 9100

Moisture 8% 10%

Dilution factor 50.0 50.0

[A-1248] = 200 × 100 = 3,3% 260% / 6100 × Data - Quantitative

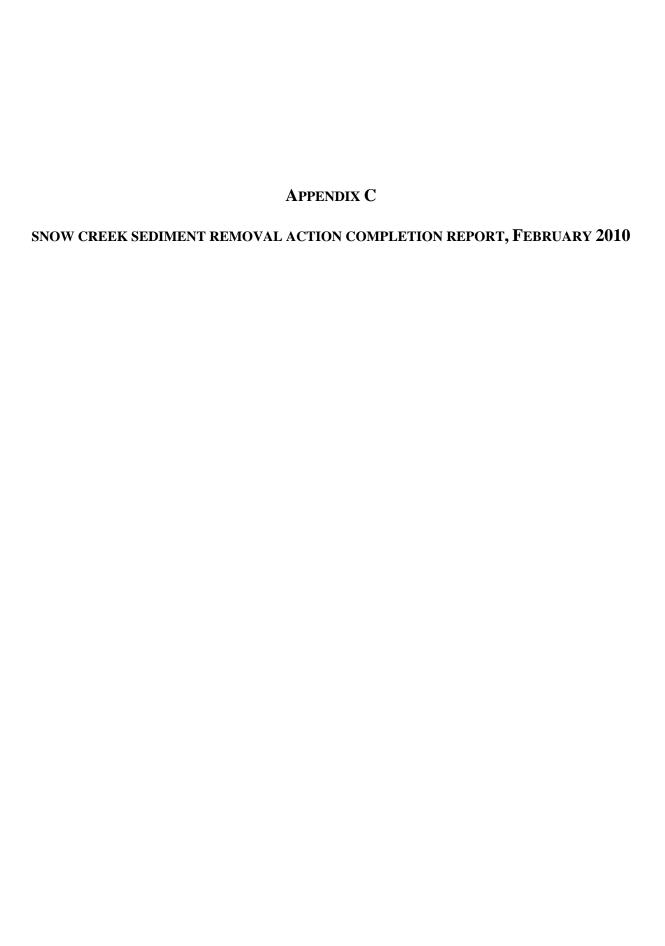
A-1254 = 1000 - × 100 = 8% / Data-Quantitative

[A-1260] = 400 x 100 = 4.3% \[Data-Quant; tative \]
9300

ROUX

CALCULATION FORM

0.			PORIM .
BY	75 TATE	: 5/n_//00 =	PROJECT NO. 06638704
Duplicate	Compari	sons	
Sample ID	9-z (pph)	9-20 (ppb)	
A-1016 A-1221 A-1232 A-1242	< 36 < 72 < 36	<35 <71 <35	
A- 1248 A- 1254 A- 1260	<36 62 110 130	<35 83 140 190	
Moisture %	8	6	
A-1248	Sample. 21 V × 100	= 30,0%	
7-1254 = 3	0 V X 100		Data-Quantitative
-1260 = 60 160	× 100	= 37.5% V	Data - Quantitative





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,

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

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2.0	SNOW CREEK SEDIMENT REMOVAL ACTIVITIES	3
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	TABLES	
1.	Waste Disposal Summary	
2.	Ambient Air Monitoring Data	
3.	Snow Creek Turbidity Monitoring Data	
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	APPENDICES	
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B.	Daily Construction Reports	
C.	Photographic Log of Construction Activities	
D.	Residual Sediment Sampling Report	
E.	Waste Manifest Forms	

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

1

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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.

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 rolloff 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;

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- Providing equipment and labor to remove sediments from defined areas containing less than 50 mg/kg PCBs for subsequent placement in trucks or rolloff 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

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

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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 precharacterization 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

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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

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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

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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

		Turb	oidity	
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,

E. Gayle Macolly

Manager, Remedial Projects

attachment

cc: Mr. Jeffery Kitchens (ADEM)

Mr. G. Douglas Jones, Esq.

Mr. Thomas Dahl

CITY OF ANNSTON, 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.
- o Decontaminate City equipment after use.
- o 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.
 - o 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.
 - o 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



OFF-SITE RFI REPORT
SNOW CREEK - SEDIMENT DEPOSIT
LOCATIONS AND CREEK
CHARACTERIZATION

SOLUTIA INC. ANNISTON, ALABAMA

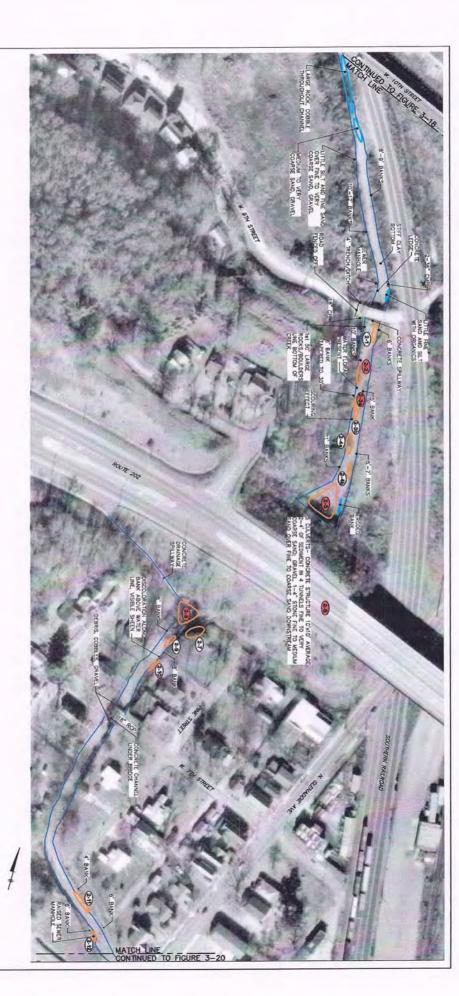
2. LABELS ARE OBSERVATIONS MADE BY FIELD PERSONNEL

NOTES:

1. BASE AERIAL PHOTOGRAPHY FLOWN BY LOCKWOOD MAPPING IN 1989.

SON REMPORED CONCRETE PIPE

SEDWENT CEPOSIT
OTHER CREEK FEATURE
SAMPLED SEDWENT DEPOSIT



F:\USERS\LJP\LJP00\[371tb\s3\].3-15_3/3/2003

Table 3-15

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth to Top	Sediment Depth to Bottom	Textural	Sediment Deposit Strata	Mercury	Total Organic Carbon	Total PCB
14-SED-1 (0-2)	\$10001	0	2		background	ND(0.0062)	(Bushing)	0.40 J
14-SED-1 (2-8)	\$10002	2	80		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	œ		background	0.032		0.45 J
14-SED-2 (8-15)	\$10005	80	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	6		background	0.031		0.11 J
14-SED-3 (9-14)	S10008	o	4		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	80		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		

Table 3-15

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth to Top (in)	Sediment Depth to Bottom (in)	Textural	Sediment Deposit Strata	Mercury (mg/kg)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
S-1-01 (0-5)	\$10021	0	2	fine	terrace	ND(0.013)	24000	3.8 J
S-1-01 (2-8)	\$10022	2	60	fine	terrace	8.6 J	33000	31 J
S-1-02 (0-2)	S10023	0	2	fine	terrace		17000	80
S-1-04 (0-2)	S10024	0	2	fine	terrace	0.26 N	91000	14
S-1-04 (2-5)	S10025	2	2	fine	terrace	1.3 J	7900	17
S-1-05 (0-2)	S10026	0	2	fine	terrace		36000	11.)
S-1-07 (0-2)	S10027	0	2	fine	channel		29000	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)	\$10033	12	14.5	fine	other		57000	37 J
S-1-10 (0-2)	S10034	0	2	fine	terrace		44000	12.)
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

Table 3-15

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth to Top (in)	Sediment Depth to Bottom (in)	Textural	Sediment Deposit Strata	Mercury (mg/kg)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
S-1-12 (0-5)	S10041	0	2	fine	terrace		7600	0.67
S-1-12 (2-5)	S10042	2	ໝ	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	ß	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	က	fine	channel	3.2 J*	12000	3.8
S-SED-D2	S10047	0	က	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	2	coarse	aggrading bar		0096	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)	\$10052	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		2000	41
S-2-06C (12-24)	S10058	12	24	coarse	other		2000	23
S-2-06C (24-27)	S10059	24	27	coarse	other		0096	15
S-2-06A (0-2)	S10060	0	2	coarse	other		12000	22

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Table 3-15

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth to Top (in)	Sediment Depth to Bottom (in)	Textural	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			4.0
S-2-16 (2-4)	S10063	2	4	coarse	channel			3.3
S-3-01 (0-2)	S10064	0	2	coarse	channel			3.3
S-3-01 (2-8)	S10065	2	œ	coarse	channel			4.8
S-3-02 (0-2)	S10066	0	2	coarse	terrace			8.1
S-3-02 (2-12)	S10067	2	12	coarse	terrace			11
S-3-02 (12-15.5)	S10068	12	15.5	coarse	terrace			17
S-3-05 (0-2)	S10069	0	2	fine	channel			1.4
S-3-05 (2-10.5)	S10070	2	10.5	fine	channel			2.1
S-3-07 (0-2)	S10071	0	2	coarse	aggrading bar			0.66
S-3-07 (2-8)	S10072	2	ω	coarse	aggrading bar		18000	0.76
S-4-02 (0-2)	S10073	0	2	fine	terrace			1.1
S-4-02 (2-4)	S10074	2	4	fine	terrace			0.58 J
S-5-01 (0-3.5)	S10075	0	3.5	coarse	terrace			0.65
S-SED-D4	S10076	0	3.5	coarse	terrace			0.76
S-5-02 (0-3.5)	S10077	0	3.5	fine	terrace			4.5
S-5-03 (0-2)	S10078	0	2	fine	terrace			5.8
S-5-03 (2-4)	S10079	2	4	fine	terrace		_	1.6
S-5-04 (0-2)	S10080	0	2	coarse	terrace		ND(500) J	1.8

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Table 3-15

Solutia Inc. Anniston, Alabama Off-Site RFI Report

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth Sediment Depth to Top to Bottom (in)	Sediment Depth to Bottom (in)	Textural	Sediment Deposit Strata	Mercury (mg/kg)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
S-5-04 (2-6)	S10081	2	9	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	7	2	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	2	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	7	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	2	fine	channel	R	8300	5.6
S-6-03 (0-2)	S10097	0	2	fine	channel		36000	41)
S-6-03 (2-12)	S10098	2	12	fine	channel		2600	7.3
S-SED-D5	S10099	2	12	fine	channel		4100	11.)
S-6-05 (0-2)	S10100	0	2	fine	terrace		13000	2.2 J

See notes on page 7.

Page 6 of 7

Table 3-15

Solutia Inc. Anniston, Alabama Off-Site RFI Report

Summary of Snow Creek Sediment Data

S-6-05 (2-6.5)	Sample ID	Sediment Depth to Top (in)	Sediment Depth to Bottom (in)	Textural	Sediment Deposit Strata	Mercury (mg/kg)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
	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	U. 770.0
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		2900	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)	\$10120	2	7	fine	aggrading bar		9400	1.6

See notes on page 7.

Summary of Snow Creek Sediment Data

Field Sample ID	Sample ID	Sediment Depth to Top	Sediment Depth to Bottom	Textural	Sediment Deposit Strata	Mercury	Total Organic Carbon	Total PCB
		(in)	(in)			(mg/kg)	(mg/kg)	(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			ND(0.17)
S-6-26 (2-12)	S10123	2	12	fine	terrace			ND(0.18)
S-6-26 (12-24)	S10124	12	24	fine	terrace			ND(0.17)
S-6-26 (24-33)	S10125	24	33	fine	terrace			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			2.1
S-6-27 (2-12)	S10128	2	12	coarse	aggrading bar			2.8
S-6-27 (12-15.5)	S10129	12	15.5	coarse	aggrading bar			5.6
S-SED-D7	\$10130	2	12	coarse	aggrading bar			5.0
S-SED-D3	S10131	12	20.5	coarse	other			09

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

GRAPHIC SCALE

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

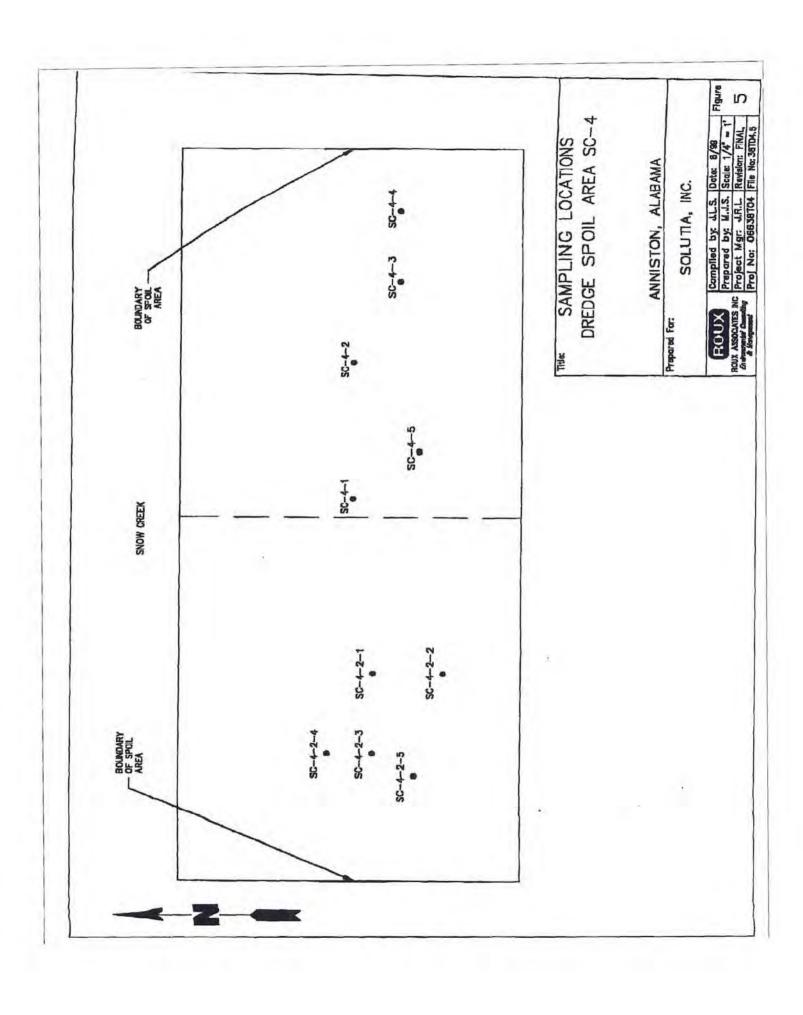
Location ID			S-LOW-1	S-MED-1	S-HIGH-1	S-HIGH-1
Sample ID			S10136	S10134	S10135	S10137
QC Notes			014=100	047100	04700	Dup (S10135)
SAMPLEDATE			8/17/06	8/17/06	8/17/06	8/17/06 grey brown fine
Description			brown fine sand with medium to coarse sand and gravel	brown fine sand, some medium to coarse sand, little gravel	sand, a little medium to coarse sand, a little organic matter	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 2980 J
Total Organic Carbon	mg/kg		4150 0.11 U	16400 J 4.3 U	12700 J 0.22 U	0.21 U
Aroclor-1016	mg/kg		0.11 U	4.3 U	0.22 U	0.21 U
Aroclor-1221	mg/kg	0.007	0.11 U	4.3 U	0.22 U	0.21 U
Aroclor-1232	mg/kg	0.033	0.110	4.3 U	1100 J	0.29 J
Aroclor 1242	mg/kg mg/kg	0.033	0.11 U	4.3 U	0.22 U	0.21 U
Aroclor-1248 Aroclor-1254	mg/kg	0.033	0.110	4.5 0	2.2	1.5
Aroclor-1254 Aroclor-1260	mg/kg	0.033	0.51	14	0.92	0.53
Aroclor-1262	mg/kg		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		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		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		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		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		3.8 J	3.8 J	7.1	8.6 J
Carbon Tetrachloride	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Chlorobenzene	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Chloroethane	ug/kg		5.7 UJ	5.6 UJ	6.1 UJ	6 UJ
Chloroform	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Chloromethane	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
cis-1,2-Dichloroethene	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
cis-1,3-Dichloropropene	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Cyclohexane	ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Dibromochloromethane	ug/kg		5.7 U 5.7 U	5.6 UJ	6.1 U	
Dichlorodifluoromethane	ug/kg		5.7 U	5.6 UJ	6.1 U 6.1 U	6 U
Ethylbenzene	ug/kg			5.6 UJ	6.1 UJ	6 UJ
Isopropylbenzene	ug/kg	N/A	5.7 UJ 5.7 U	5.6 UJ 5.6 UJ	6.1 UJ	6 U
m,p-Xylenes	ug/kg ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Methyl Acetate	ug/kg ug/kg		5.7 U	5.6 UJ	6.1 U	6 U
Methyl tert-butyl ether		N/A	5.7 U	5.6 UJ	6.1 U	6 U

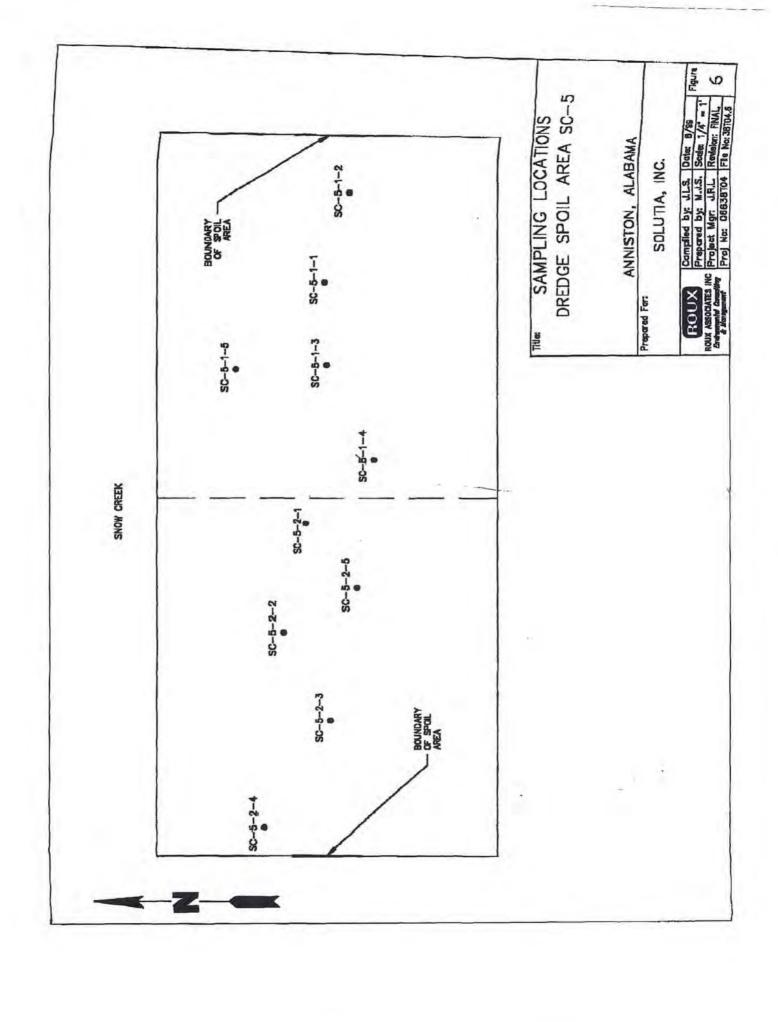
ATTACHMENT C

Figures 5, 6 and 7 and Table 3

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

September 1999





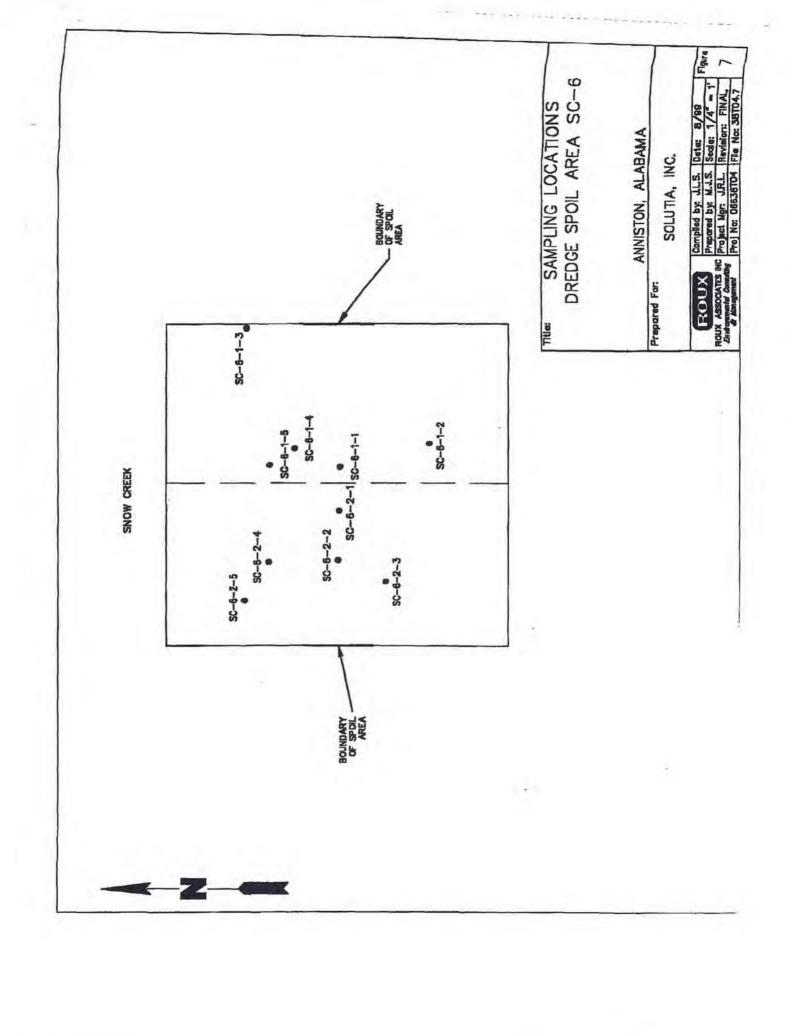


Table 3. Soil Analyses, Dredge Spoil Areas, Snow and Choccolocco Creeks, Calhoun and Talledega Counties, AL. Page 1 of 3

Mercury	(mg/Kg)		0.25	0.20	NA	0.19	NA	NA	NA	NA	NA	0.27	NA	NA	NA	NA	NA								
Total	(mg/Kg)		19.600	24.900	13.800	17.400	14.200	88.000	19.900	30.300	4.600	1.264	1.532	1.117	0.520	5.280	1.680	1.500	19.000	1.170	28.700	2.200	0.750	2.630	6.800
Arochlor 1260	(mg/Kg)		5.400	009'9	3.800	5.400	4.700	16.000	2.000	9.300	1.800	0.780	0.840	0.470	0.280	2.500	0.760	0.630	6.400	0.510	9.500	0.860	0.320	1.000	2.200
Arochlor 1254	(mg/Kg)		12,000	15.000	7.700	9.700	9.500	43.000	12.000	21.000	2.800	0.440	0.640	0.580	0.240	1.800	0.580	0.600	7.900	0.470	13.000	1.000	0.290	1.100	3.100
Arochlor 1248	(mg/Kg)		2.200	3.300	2.300	2.300	<0.720	29.000	2.900	<3.800	<0.370	0.044	0.052	0.067	<0.037	0.980	0.340	0.270	4.700	0.190	6.200	0.340	0.140	0.530	1.500
Arochlor 1242	(mg/Kg)		<0.700	<0.720	<0.350	<0.700	<0.720	<3.600	<0.720	<3.800	<0.370	<0.037	<0.038	<0.038	<0.037	<0.370	<0.180	<0.072	<1.800	<0.036	<1.800	<0.076	<0.038	<0.073	<0.380
Arochlor 1232	(mg/Kg)		<0.700	<0.720	<0.350	<0.700	<0.720	<3.600	<0.720	<3.800	<0.370	<0.037	<0.038	<0.038	<0.037	<0.370	<0.180	<0.072	<1.800	<0.036	<1.800	<0.076	<0.038	<0.073	<0,380
Arochlor 1221	(mg/Kg)		<1.400	<1.400	<0.710	<1.400	<1,400	<7.300	<1.400	<7.600	<0.750	<0.075	<0.077	<0.076	<0.075	<0.750	<0.370	<0.150	<3.700	<0.074	<3.600	<0.150	<0.077	<0.150	<0.760
Arochlor 1016	(mg/Kg)		<0.700	<0.720	<0.350	<0.700	<0.720	<3.600	<0.720	<3.800	<0.370	<0.037	<0.038	<0.038	<0.037	<0.370	<0.180	<0.072	<1.800	<0.036	<1.800	<0.076	<0.038	<0.073	<0.380
Sample I.D.			SC-1	SC-3	SC-4-1	SC-4-2	SC-5-1	SC-5-2	SC-6-1	SC-6-2	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	SC-8-1	SC-8-2	SC-8-3	SC-8-4	SC-8-5	SC-8-6
Area		Snow Creek	SC-1	SC-3	SC-4		SC-5		SC-6		SC-7									SC-8					

mg/Kg = milligrams per kilogram or parts per million <X.XXX = laboratory detection limit NA=Not Analyzed.

NA

14,000

5.100

5.700

3.200

<0.750

<0.750

<1.500

<0.750

SC-8-7

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

Area	Sample I.D.	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs	Mercury	
		(mg/Kg)	(mg/Kg)	(mg/Kg)							
Snow Creek											
SC-8	SC-8-8	<0.380	<0.760	40.380	<0.380	1.100	2300	2.000	5.400	NA	
	SC-8-9	<0.370	<0.750	40.370	<0.370	2.000	3.600	4.300	006.6	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	0009	12.000	9.100	27.100	NA	
Choccolocco Creek	2.										
CC-7		<0.180	<0.380	<0.180	<0.180	0.620	0.990	092'0	2.370	NA	
	7-2	<0.038	<0.077	<0.038	<0.038	0.240	0.440	00.700	1.380	1.0	
6-00	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	
CC-23	23-1	<0.360	<0.720	<0.360	<0.360	0.780	1.800	1.700	4.280	NA	
	23-2	<0.390	40.800	<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	0990	1.700	1.500	3.860	NA	
	23-5	<0.760	<1.500	<0.760	<0.760	40.760	6.100	4.700	10.800	0.65	
	23-6	<0.380	O.770	<0.380	<0.380	0.470	2.900	3.400	6.770	NA	
CC-24	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	40.750	<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

		Arochior	Arochlor	Arochlor	Arochlor	Arochlor	Arochlor	Arochlor	Total	
Area	Sample I.D.	1016	1221	1232	1242	1248	1254	1260	PCBs	Mercury
		(mg/Kg)	(mg/Kg)	(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	0990	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
Scully Pam@enamail.ong.gov

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

OCT 2 9 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,

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

Page 3 of 3

1975		4 *	
Tur	DI.	di	177
I CII	OI	uı	Ly

pstream	Downstream
09	12.10
92	6.10
48	6.41
1.45	12.91 (Additional BMPS installed stump removal)
4	92 48

Safe hours today 90 total 240

Description of Work Being Done Today:

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

Started Mobiliz	afion to site B DONN WILLIAMS	MOBE NEXT WEEK
Jire Colive		
Labor		
Name	Occupation	Hours
James Cotton	Tech	4
THOMAS BUPHRY	FOREMAN	4
Low Boy operators	Driver	3
Weather Report:		
Disco		
RAIN		
RAIN		
RAIN		
R4112 Other Notes:		

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

Description of Work Being Done Today:

ReStart Mobilization

ONSITE SAFETY Meeting
ONSITE SAFETY Meeting
Located: STAKE OUT daedge Spoils SC-4-5-6

Located: Survey on Site To Shot in Dile Locations

o The Survey on Site To Shot in Dile Locations

BMP'S in Real

CORNERS 2 Loads Shipped

Air Monitoring: Non-Detech all clay

Air Monitoring: Non-Detech all clay

Turbulity @ upstream 11.3 Downstrain 12.3

EPA! Debtic Kristiansen

Visitor: Pam Schily Lerby Hopper (Founday 7/11)

Labor

Name Occupation Hours

LANCE Taylor Duner

Name	Occupation	Hours
LANCE TAylon	DWNER	2
LAMES COHOW	Tech	10
0		
	+	

Weather Report:

Clear Low 50 High 75

Other Notes:

Project/Job Number:	City or Huniston
Foreman:	THOMAS BURNON
Job Site Location:	6 Street @ Glenn Adelie
Date: Tuacilius	11-17-09
TWENT I	11 17-01

Description of Work Being Done Today: · Safety meeting ALL Disturb. Area mulch i Seeded · C.O. A on Site 5 People Rain Delay - Hauled in 8 Loads Stone for Access Roads · C.O. A. STARTED CREEK dig on the North & west side uppeted North side @ 4:PM · Toglor Completed SC Dreade Spoils: I Lord To Emelle Moved to Bone yand for shipmed. · 9 Lords TO 3 Coreners on Tri-Arles: 2 IWI Cans food to be shapped later Debbie Keistmisens derry Hopper (FF) Labor Hours Occupation Name Ames Catton 10 Tech James Ford 10

Weather Report: LOW 54 High 57 Light RAIN tell NOON

Other Notes: AIR MANIERING Now-Detech all Dem

©2007 gantthead.com TURBIDITY UPSTRIAM Downstram
7:67 11:8
9.9 11:6
14:2 9.9
13.1 9.2
12.4 17.2

Project/Job Number:	City or Anniston
Foreman:	AAmos Bupney
Job Site Location:	6 steer 60 cileen Addie
Date: WED	11-18-09

· Safely meety	Being Done Today:	theree's Heely Bali	s Placed in Creek
· COA: Decom Cuele on s	machines mo Working Town South side.	and west. Sta COA Comple	to chekdig
Teyler: 5ch Ans Ru	duld burrey tallation i Re n install or	n Roads. N	all BMP als of Crustu Decon C.O.A uchs @ office
E, P.A. Drope Clern Seshe	when site (0) 3'. Pm. ap	topper (FF)
Labor Name	Occupation		
James Catlo		12	
James Ford	Tech	/2	
shipped haven	Dro 3 Corners n	itainayles 1 Z Rel	loff lvaded to be
Other Notes: a		w- Detech al	e Nay
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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

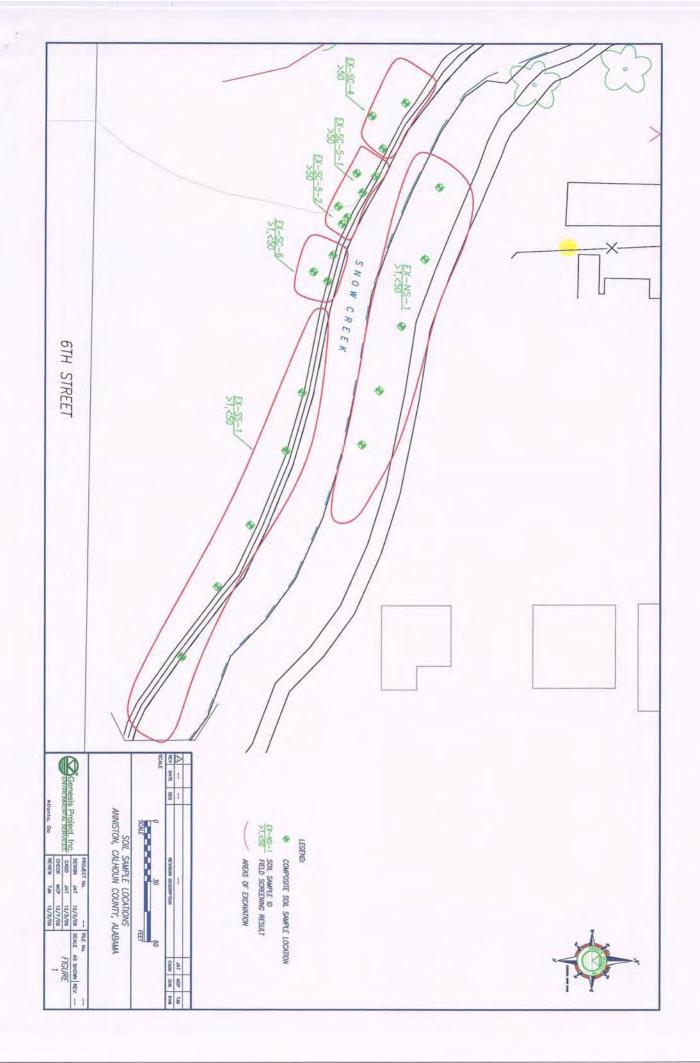
On November 20, 2009, the samples were field screened for PCBs using USEPA Method 4020. Samples EX-SC-4, EX-SC-5-1, and EX-SC-5-2 reported greater than 50ppm, and sample EX-SC-6 reported greater than 1ppm and less than 50ppm. Both sediment samples (EX-NS-1 and EX-SS-1) reported PCB concentrations greater 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

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 persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Borothy 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

Page 1 of 1 Manifest: 001075869GBF-1



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 Infomation

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 AHWMMA Permit, issued by the Alabama Department of Environmental Management (RCRA)

Dorothy Oliver / Second Record Reporting Supervisor

November 30, 2009

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19. Hazardous Waste Report N	Management Method Codes (i.e., co	odes for hazardous waste tre	eatment, disposal, and re	cycling systems)		14.			
1/12	2							-	
20. Decignated Earlist Owner	or Operator: Certification of receipt	of hazardous materials covi	ered by the manifest exc	ept as noted in Ite	em 18a			1	
Printed/Typed Name	or operator, certification of receipt	J. Hazar Godo materialo covi	Signature	//	- /	-1	11	Month	Day
Ne (1	a 1/10	ok	1(de	ela	/	//21	1/11	23
Form 8700-22 (Rev. 3-05)	Previous editions are obsolete	10			-		1	1-	
And the second of the second o	C					DESIGNAT	ED FAC	ILITY TO	GENERA



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

Original Ticket# 251365

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING

Ticket Date 11/16/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code 11047014

Manifest Destination

Pn 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time

In 11/16/2009 16:05:59 Out 11/16/2009 16:29:57

Scale Scalet

Scalei

Operator ishields

- - Vehicle# D09

Driver

Check#

Brid

Container

Billing #

Gen EPA ID NR

jshields

Inbound

90001408

Gross Tare

Net Tons 58640 15 28140 16 30500 lb

15.25

Comments

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

Prod	uct	THE POST OF THE COURSE ASSES.	LD%	Qty	UOM	Rate	Fee	Amount	Origin
2 3	NON-TSCA PCB FUEL-Fuel Sur Evf8-Env Fee	charg	100	15.25 1	Tons % Load				CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature Hony Lendy 403WM



CWAM

	s US EPA ID No.	M Poor	anifest iment No.	2. Page	1 1		
NON-HAZARDOUS MANIFEST	0000000	9 9 9		of		1	
Ganesator's Name and Mailing Address				W	MNA Generator's ID	11	047014
Generator's Phone Transporter J Company Name	6. US	EPA ID Number		C. State	Transporter's ID	0.025	1800
5. Transporter 1 Company Name	1 5 2 5	227		100	porter's Phone	0.000	-1000
7. Transporter 2 Company Name	8. US E	EPA ID Number			Transporter's ID		
	10. US E	EPA ID Number			Facility's ID		
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	10.				. 8	6 447	-1881
11. Description of Waste Materials	- 5		12. Cont		13. Total	14. Unit Wt./Vol.	I. Misc. Comment
a. WM Profile #	CF6400	erry	No.	Type	Ouantity	WL/Vol.	1
b. WM Profile #	T)-09°		1	15.7	571	DNJ T
c. WM Profile #				İ			\
d. WM Profile #				K Die	posal Location		4
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation		100000	war maaa saa	Cell Grid	ocepes Me	Lev	el
15. Special Handling Instructions and Additional Information Purchase Order #	PO# EMERGE	ENCY CONTACT:	II IRAN	21 (42)	DONN WILL	IAMAS	601-907-118
GENERATOR'S CERTIFICATION: I hereby certify that the above-described applicable state law, have been fully and for transportation according to applicable.	accurately descr	t hazardous ribed, classifi	wastes a ed and p	ıs defii backaç	ned by 40 Cl ged, and are	FR Pa in pro	rt 261 or any per condition
Printed/Typed Name	Signat.	ure "On behalf of" UTIA	Do	100	JU-		Month Day Y
Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signatu	ure // /	1				Month Day Y
Hully Langley	Signal	wy Jun	4				11/1/60
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signate	ure					Month Day Y
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment was managed in compliance with all appropriate the second secon	licable laws, regu	ulations, perr	nits and	nowle licens	dge, the abo	ve-de tes lis	scribed waste ted above.
20. Facitify Owner or Operator: Certification of receipt of non- Printed Typed Name	hazardous materials cov Signati		fest.	6.8			Month Day



THREE CORNERS LANDFILL 2205 COUNTY ROAD 6 PTEDMONT, 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

Manual Ticket# Hauling Ticket# Route State Waste Code

Manifest 11047015 Destination

PO 4503744475

Profile CF6400 (Special Waste Misc) Generator 181-SOLUTIA SOLUTIA

Time Scale Operator 11/16/2009 16:11:26 Scale1 ishields Dut 11/16/2009 16:32:45 Scalei ishields

Comments

Container Driver Check#

Billing # 0000408

Gen EPA ID NR Grid

Volume

Inbound Gross Tare

Net Tons 45940 15 27920 16 18020 lb

9.01

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

Pro	duct	LD%	Qty	UOM	Rate	Fee	Amount	Origin
2 3	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100		Tons % Load		The first the state of the time over		CALAL CALAL CALAL

Jumy Balu

Total Fees Total Ticket



CVANAL

ease print or type. (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No.	Manifest Document No. 2. Page 1
NON-HAZARDOUS MANIFEST A L D Q Q 4 Q 1 9 Q	A Manifest Number
3. Generator's Name and Mailing Address (1) AAVE AND STONAL 362 256 231-8483	B. State Generator's ID
Generator's Phone Transporter 1 Company Name Substituting the second seco	ID Number C. State Transporter's ID
TAYLOR CORP.	D. Hallspotter's Priorite
7. Transporter 2 Company Name 8. US EPA	ID Number E. State Transporter's IU F. Transporter's Phone
9. Designated Facility Name and Site Address 10. US EPA	ID Number G. State Facility's ID
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	H. Facility's Phone 256 447-1881
11. Description of Waste Materials	12. Containers 13. 14. Unit Unit Unit Wt./vol. Misc. Comments
	No. Type Quantity Wt./vol. Misc. Comments
WWW.FTOILE#	
b. WM Profile #	9.0100
c. WM Profile #	
d. WM Profile #	
	K. Disposal Location
J. Additional Descriptions for Materials Listed Above Landfill Solidification	Cell Level
Bio Remediation	Grid
15. Special Handling Instructions and Additional Information	DONN WILLIAMS 601-807-1187
1900000	Y CONTACT:
I hereby certify that the above-described materials are not h applicable state law, have been fully and accurately described for transportation according to applicable regulations.	azardous wastes as defined by 40 CFR Part 261 or any ed, classified and packaged, and are in proper condition
DOWN WILLIAMS "Solut	"On behalf of" Month Day Year I I I I 6 0 9
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	Juny Balen Month Day Near
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 was managed in compliance with all applicable laws, regula	tions, permits and licenses on the dates listed above.
20. Facitility Owner or Operator: Certification of receipt of non-hazardous materials covered Printed/Typed Name Signature	d by this manifest. Month Day Year



THREE CORNERS LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL., 36272 Ph: (256) 447-1881 7

Original Ticket# 251388

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SDL Carrier TAYLOR RO

#ehicle# 152 Ticket Date 11/17/2009 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route State Waste Code

Manifest 11047020

Destination

pn 4503744475

CF6400 (Special Waste Misc) Profile

Generator 181-SOLUTIA SOLUTIA

Time Scale

In 11/17/2009 10:43:23 Scale1 Out 11/17/2009 11:01:04 Scale1

Gen EPA ID NR

Container Driver

Billing #

Check#

Grid

Operator jshields ishields

0000408

Inbound Net

65660 lb Gross 28120 15 Tare 37540 1b Tons 18,77

Comments

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

Prod	uct	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 2 3	NON-TSCA PCB SGIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	1 (2)(2)	18.77	Tons % Load	Mark 100 100 100 100 100 100 100 100 100 10	do prior from the first part of the control of		CALAL CALAL CALAL

Anny Balu

Total Fees Total Ticket



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riea	use print or type. (Form designed for use on elite (12-pitch), typewriter.)	_				
	NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No. A L P Q Q 4 Q 1 9 Q 4 B Document		2. Page of	1	1	
	3. Generalor's Name and Mailing Address		W	est Number MNA Generator's ID	11	047020
	4. Generator's Phone			12)		
	5Transporter I Company Name 6.1 5 2 US EPA ID Number		-	Transporter's ID	56 935	1800
	7. Transporter 2 Company Name 8. US EPA ID Number		E. State	Transporter's ID		
Ш			F. Trans	porter's Phone		
	9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272			Facility's ID	56 447	-1881
7.3	11. Description of Waste Materials	2. Conta	ainers	13. Total	14. Unit	1.
	POB CONTAMINATED SOIL AND DEBRIS	No.	Type	Quantity	Wt./Vol.	Misc. Comments
дш:	WM Profile # CF6400 TO	0 1	CM	0002	0 C1	1
ENERATOR	b. WM Profile #			1111		
	c. WM Profile #	1				
	d. WM Profile #	1				
	J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation		K. Disp	posal Location	Leve	al ·
	METOLETT	CKE	Grid	QUIRED WI	THEA	CHLOAD
	Purchase Order # EMERGENCY CONTACT:			DOWN WILL	LIAMIS	601-907-1187
	16. GENERATOR'S CERTIFICATION:					
	I hereby certify that the above-described materials are not hazardous was applicable state law, have been fully and accurately described, classified a for transportation according to applicable regulations.					
Т	Printed/Typed Name Signature "On behalf of" 17. Transporter 1 Acknowledgement of Receipt of Materials	Sh	W	5		Month Day Year
TRANSPORTER	Printed/Typed Name BABEY Signature Burney	B	al	es		Month Day Year
OR	18. Transporter 2 Acknowledgement of Receipt of Materials					Month Day Va
ER	Printed/Typed Name Signature					Month Day Year
	19. Certificate of Final Treatment/Disposal					
FAC-	I certify, on behalf of the above listed treatment facility, that to the best of reward managed in compliance with all applicable laws, regulations, permits					
Ī	20. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Y	Printed/Typed Name TOM JONES Signature You	9	s-			Month Day Year



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

Original Ticket# 251394

Volume

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier JERRY TRUCKING

Ticket Date 11/17/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047019

Destination

PO

4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time 11/17/2009 11:54:16

Out 11/17/2009 12:13:16

Scale Scale1 Scale1

Operator jshields jshields

Webicle# Dii

Container

Billing #

Gen EPA ID NR

Driver

- Check#

Grid

Inbound

0000408

Gross Tare Net Tons 69200 lb 27960 lb

41240 lb 20.62

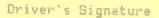
Comments

In

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

Proc	luct	LD%	Qty	MOU	Rate	Fee	Amount	Origin
2 3	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	20.62 1	Tons % Load	TO THE COLOR STORY AND ADDRESS AND THE STORY AND THE COLOR STORY A	TO ACT ACT STORY TO THE STORY AND STORY A	manufacture and the said the said and said said said said said said said sai	CALAL CALAL CALAL

Total Fees Total Ticket





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ease	print or type. (Form designed for use on elite (12-pitch) typewriter.	s US EPA ID No.	- N	lanifest				
	NON-HAZARDOUS MANIFEST	the second of the late of	9 4 8 Doc	ument No.	2. Pag of	p 1		
3.	702 CLYDESDALE AVE ANNISTON AL 36201	32 A			W	fest Number MNA Generator's ID	11	047019
4.	Generator's Phone 256 231-8483	- "						
5.	Transporter 1 Company Name	6.1 5 2 5 0	PA ID Number	111	200000	Transporter's ID	0 835	-1800
7.	Transporter 2 Company Name	8. US E	PA ID Number		E. State	Transporter's ID		
	Desired of Sellin, News and Che Address	10 1105	PA ID Number			porter's Phone Pacility's ID		
9.	Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6	10. US E	A ID Number			ty's Phone	6 447	1881
1	PIEDMONT AL 38272 Description of Waste Materials			12. Conta	iners I			
Ĺ	PCB CONTAMINATED SOIL AND DEBRIS				Type	13. Total Quantity	14. Unit Wt./Vol.	Misc. Comments
a	WM Profile #	CF6400 J	erd	0 0 1(C M	00020	C	
b.	WM Profile #	00	11		0	20.4	12	Di l
C.								0,0
	WM Profile #	-		11				
d.	WM Profile #	*		-1-1				
J	. Additional Descriptions for Materials Listed Above	1			K. Dis	posal Location		
	Landfill Solidification				Cell		Leve	el ·
	Bio Remediation		100000000		Grid	m. r. commerces, s. c. com		nii i man
1	5. Special Handling Instructions and Additional Information Purchase Order #	POS		TRANE		DONN WILL	AMS	601-807-1187
_	Purchase Order # 6. GENERATOR'S CERTIFICATION:	EMERGEN	ICY CONTACT:	-		p-00 .		
	I hereby certify that the above-described applicable state law, have been fully and for transportation according to applicable	accurately descril						
	Printed/Typed Name	Signature	"On behalf of"	E	W	1	1	Month Day Year
1	7. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name A Jones	Signature		1				Month Day Year
1	Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature						Month Day Year
	9. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed trea was managed in compliance with all appli Output Contilient of certification of cert	cable laws, regul	ations, perm	nits and li				
2	Facitility Owner or Operator: Certification of receipt of non-hit Printed Typed Name	azardous materials cover		est.	A			Month Day (Year



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

Original Ticket# 251390

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING " -- Vehicle# D09

Ticket Date 11/17/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047016

Destination

PO 4503744475

CF6400 (Special Waste Misc) Profile

Generator 181-SOLUTIA SOLUTIA

> Time Scale 11/17/2009 11:48:19 Scalet

Out 11/17/2009 11:42:19

Operator jshields jshields

Container

Billing #

Gen EPA ID NR

Driver

- Check#

Grad

Inbound

0000408

Tarre Net Tons

Gross

6688Ø 15 28140 lb 38740 lb

19,37

Comments

In

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

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

Total Fees Total Ticket

403WM

Driver's Signature Hary Luly



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ease print or type. (Form designed for use on elite (12-pitch) 'typewriter.)	A ID No.	Innifort				
NON-HAZARDOUS MANIFEST 1. Generator's US EF	4019948 Doc	Manifest ument No.	2. Page of	1		
Gerietator's Name and Mailing Address			W	Senerator's D.	11	047016
4. Generator's Phone				10		
Transporter 1 Company Name	3.1 5 2 5 EPA ID Number L			Transporter's D porter's Phone	SG 835	1800
7. Transporter 2 Company Name	B. US EPA ID Number		Section (Section)	Transporter's ID		
				orter's Phone		
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PEDMONT AL 38272	0. US EPA ID Number	1 1 1	H. Facility	Facility's ID y's Phone	56 447	-1861
11. Description of Waste Materials		12. Cont	ainers	13. Total	14. Unit	l.
PCB CONTAMINATED SOIL AND DEBRIS		No.	Type	Quantity	Wt./Vol.	Misc. Comments
WM Profile #	F8400 TERRY	001	C M	0002	0 (1	
b.	000					
WM Profile #				1 1 1 1		
WM Profile #	TC					
d.	3 3					
WM Profile #	-	31.1	1			
J. Additional Descriptions for Materials Listed Above	-1		K. Disp	osal Location		+
Landfill Solidification	_		Cell		Leve	el
Bio Remediation			Grid			
15. Special Handling Instructions and Additional Information	WEIGH	TTICKE	TREC	WIRED W	TH EA	CH LOAD
Snow like COA PO	1		1	DONN YILL	MMS.	801-807-1187
A Laure			-	11/12		4
Purchase Order # NW	EMERGENCY CONTACT:			MUZU		
I hereby certify that the above-described mater applicable state law, have been fully and accuration for transportation according to applicable regularity.	rately described, classifi					
Printed/Typed Name Harlty Langley	Signature "On behalf of"	6				Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signatura A		11			Month Day Yea
PINNWIVIN	Signature 11	Du	1.1/	2-	1	Month Day Yea
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Yea
19. Certificate of Final Treatment/Disposal					-	
I certify, on behalf of the above listed treatmen was managed in compliance with all applicable						
20. Facitilty Owner or Operator: Certification of receipt of non-hazardo	us materials covered by this manife	est.				
Printed/Typed Name	Signature You	- 90	5			Month Day Year



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

Original Ticket# 251391

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING

Ticket Date 11/17/2003

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest 11047018

Destination

PO 4503744475

Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Time 11/17/2009 11:45:07

Dut 11/17/2009 11:45:07 Scale

Scale1

Operator jshields

Vehicle# D12

Container

Billing #

Gen EPA ID

Driver

Check#

Brid

jshields

Inbound Gross

> Tare Net

Tons

67680 16 27820 lb 39860 15

19.93

Comments

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

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

Total Fees Total Ticket

Driver's Signature RM0311 BM050LM



CVAME

(Form designed for use on elite (12-pitch) typewriter.) NON-HAZARDOUS MANIFEST 2. Page of A. Manifest Number Generator's Name and Mailing Address 11047018 WMNA ANNISTON AL 36201 B. State Generator's ID 256 231-8483 Generator's Phone C. State Transporter's ID D. Transporter's Phone Transporter 2 Company Name E. State Transporter's ID F. Transporter's Phone G. State Facility's ID Designated Facility Name and Site Address US EPA ID Number THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 H. Facility's Phone 256 447-1881 PIEDMONT AL 36272 11. Description of Waste Materials 12. Containers 13. Total Misc. Comments PCR CONTAMMATED SON Quantity 19.93 CN 0002 CF8400 WM Profile # WM Profile # WM Profile # WM Profile # K. Disposal Location Additional Descriptions for Materials Listed Above Solidification Level Landfill Bio Remediation Special Handling Instructions and Additional Information now Cruck COA POS DONN WILLIAMS 601-807-1187 NILMIT **EMERGENCY CONTACT:** Purchase Order # 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. Year Day Printed/Typed Name Signature "On behalf of" Month and Wall Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day Year Mandal/ 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. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Month Day Printed/Typed Name Year



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

Original Ticket# 251403

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier Vehicle# 152

Ticket Date 11/17/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code

11047027 Manifest

Destination

4503744475 PO

CF6400 (Special Waste Misc) Profile

181-SOLUTIA SOLUTIA Generator

Time In 11/17/2009 13:06:40

Out 11/17/2009 13:06:40

Operator Scale ishields Scalei ishields

Inbound

TAYLOR RO

0000408

Bross Tare Net Tons

56940 1b 28120 1b 38820 15 19.41

Comments

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

Container

Billing # Gen EPA ID NR

Driver

Check#

Grid

	LD%	Qtv	UOM	Rate	Fee	Amount	Origin
Product 1 NON-TSCA PCB SOIL 2 FUEL-Fuel Surchar 3 Evf8-Env Fee \$8 L	/ 100 g 100	19.41	Tons % Load	and the second data was the second of	and the second s		CALAL CALAL CALAL

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Total Fees Total Ticket



CVMM

Plea	ase 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. Manifest Document No.	2. Page 1 of
	Generator's Name and Mailing Address Generator's Phone	A. Manifest Number WMNA 11047027 B. State Generator's ID
	5. Transporter 1 Company Name 6. US EPA ID Number	C. State Transporter's ID D. Transporter's Rhone
1	7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's D F. Transporter's Phone
	9. Designated Facility Name and Site Address 10. US EPA ID Number	G. State Facility's ID
	THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	H. Facility's Phone 256 447-1881
		Containers 13. 14. I. Init Unit Wt./Vol. Misc. Comments
	a PCB CONTAMINATED SOIL AND DEBRIS	Type Quantity Wt.Vol. Misc. Comments
GE:	WM Profile # CF6400 Taylor 0 0	1 CW 00020 CV
GENERATOR	WM Profile #	19.41 tong
	c. WM Profile #	
	WM Profile #	
	J. Additional Descriptions for Materials Listed Above	K. Disposal Location
	Landfill Solidification	Cell Level
	Bio Remediation 15. Special Handling Instructions and Additional Information	Grid KET REQUIRED WITH EACH LOAD
	SNOW hate COA POR	DONN/MILLIAMS 601-807-1187
	Purchase Order # Mew EMERGENCY CONTACT:	DIVIV 2
	I hereby certify that the above-described materials are not hazardous wastes applicable state law, have been fully and accurately described, classified and for transportation according to applicable regulations.	
	Printed/Typed Name Signature "On betraif of" y	Month Day Year
TRANS	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	Bolin Month Day Year
ANOPOR.	18. Transporter 2 Acknowledgement of Receipt of Materials	
T E R	Printed/Typed Name Signature	Month Day Year
	19. Certificate of Final Treatment/Disposal	
FACT	I certify, on behalf of the above listed treatment facility, that to the best of my was managed in compliance with all applicable laws, regulations, permits an	
LIT	20. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.	1 linn
Υ	Printed/Typed Name Signature Signature	Month Day (Year



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

Original Ticket# 251416

Volume

Customer Name SDLUTIA CF6400 CW5520 408 SOL Garrier JERRY TRUCKING

Ticket Date 11/17/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

11047026 Manifest

Destination

PO

4503744475

CF6400 (Special Waste Misc) Profile

Generator

181-SOLUTIA SOLUTIA

Time

11/17/2009 14:04:21 In Out 11/17/2009 14:04:21

Scalet

Operator Scale ishields . ishields

Inbound

00000408

Gross Tare Net Tons

71200 lb 28140 lb 43060 15 21.53

Comments

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

Vehicle# D09

Gen EPA ID NR

Container Driver

Billing #

Check#

Grid

- 1	Produ	uct	LD%	Qty	HOM	Rate	Fee	Amount	Origin
		NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	21.53	Tons % Load				CALAL CALAL

Total Fees Total Ticket

Driver's Signature

403WM

Hand July



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ase print or type. (Form designed for use on elite (12-pitch) typewriter.)						
NON-HAZARDOUS MANIFEST 1. Generator's		Manifest cument No.	2. Page of	1		
3. Generator's Name and Mailing Address			W	est Number MNA Generator's ID	11	047026
4. Generator's Phone 256 231-8483	# 1					
5. Transporter I Company Name	6.1 5 2 5 EPA ID Number L	1 1 1		Transporter's ID	56 836	1800
7. Transporter 2 Company Name	8. US EPA ID Number		100	Transporter's ID		
				porter's Phone		
Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDIFILL 2205 COUNTY ROAD 6	10. US EPA ID Number			Facility's ID	56 447	1881
PIEDMONT AL 36272				100		-1001
11. Description of Waste Materials	- 1.	12. Conta	iners Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. WM Profile #	crease Jerry	0 0 1((M)	0002	o C1	•
b. WM Profile #	D09			21,5	370	NU
c.						
WM Profile #	JA.	1.1		1111		•
d.						
WM Profile #			T	1111		
J. Additional Descriptions for Materials Listed Above			K. Dis	posal Location		
Landfill Solidification			Cell		Lev	el
Bio Remediation						
15. Special Handling Instructions and Additional Information	WEIGH	IT TICKE	Grid	QUIRED WI	THEA	CH LOAD
SNOWCLUK CON	POF		. 1	DONN ARITI	LAMS	601-807-1187
Purchase Order # Nw	EMERGENCY CONTACT:		JW.	V		
16. GENERATOR'S CERTIFICATION:						
I hereby certify that the above-described n applicable state law, have been fully and a for transportation according to applicable r	accurately described, classif	wastes a ied and p	s definackaç	ned by 40 C ged, and are	FR Pa in pro	rt 261 or any per condition
Printed/Typed Name	Signature "On behalf of"	Al'	V	W		Month Day Yea
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	1	457	,		Month Day Yea
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Handy	careff ,	150	etar		VVVIZE
Printed/Typed Name	Signature					Month Day Yea
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treat was managed in compliance with all applic						
20. Facility Owner or Operator: Certification of receipt of non-ha		fest.	Α			4 4 10000
Prioted/Typed Name	Signature	(Ne)	W	1		Month Day Yea



THREE CORNERS LANDFIL 2205 COUNTY ROAD 6 PIEDMONT, AL, 35272 Ph: (256) 447-1881

Original Ticket# 251418

Volume

Ticket Date 11/17/2009 Vehicle# D12

Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code

Manifest 11047025

Destination

PO 4503744475

Profile __ CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time 11/17/2009 14:12:22 In

Out 11/17/2009 14:12:22

Scale Scale1

Operator jshields jshields.

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Inbound

0000408

Gross Tare Net

69820 1b 27820 16 42000 1b

Tons

21.00

Comments

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

Product	LD%	Qty	LIOM	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL 2 FUEL-Fuel Surcharg 3 Evf8-Env Fee \$8 Lg	100	21.00	Tons % Load			the state of the s	CALAL CALAL CALAL

Janda11 5 Mb5.664

Total Fees Total Ticket



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ease print or type. (Form designed for use on elite (12-pitch) typewriter.)	1					
NON-HAZARDOUS MANIFEST 1. Generator's US EPA I	1919948 DOCL	lanifest ument No.	2. Page of	1		
Generator's Name and Malling Address			W	est Number MNA	11	047025
258 231-8483	the second		B. State	Generator's ID		
Generator's Phone Transporter 1 Company Name 6.	US EPA ID Number		C. State	Transporter's ID		normal and a second
5. Transporter 1 Company Name 6.	5 2 5 0 4 2 A L	111	The same of the sa	C	0 835	-1800
7. Transporter 2 Company Name 8.	US EPA ID Number		E. State	Transporter's ID		
			F. Trans	porter's Phone		
Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6	US EPA ID Number			Facility's ID ty's Phone		•
PIEDMONT AL 36272		111	That don	25	6 447	-1881
11. Description of Waste Materials		12. Conta		13. Total	14. Unit	I. Misc. Comments
WM Profile #	Jenck Jenny	0 0 1(C M	Quantity	Wt./Vol.	Wisc. Comments
b. WM Profile #	0/209	11		21.00) 10	NY
c. WM Profile #			1	1111		
d. WM Profile #	3					
J. Additional Descriptions for Materials Listed Above			K. Dis	posal Location		
Landfill Solidification	_		Cell		Leve	el
Bio Remediation			Grid			
15. Special Handling Instructions and Additional Information	WEIGH	TTICKE	TRE	-11/0	IAMS	601-807-1187
Purchase Order #	EMERGENCY CONTACT:			DW. V.	7	
16. GENERATOR'S CERTIFICATION:	- 40					
I hereby certify that the above-described material applicable state law, have been fully and accuration for transportation according to applicable regular	itely described, classifi	wastes a ed and p	s defi backaç	ned by 40 Cl ged, and are	R Par in pro	rt 261 or any per condition
Printed/Typed Name	Signature "On behalf of"	A	WI	S		Month Day Year
Transporter 1 Acknowledgement of Receipt of Materials		1.				Marth Day Van
Printed/Typed Name No. 1000 No	Signature PA GOLL	OVI	1050	Lix		Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Printed/Typed Name	Signature					Month Day Year
19. Certificate of Final Treatment/Disposal				-		
I certify, on behalf of the above listed treatment was managed in compliance with all applicable	facility, that to the best laws, regulations, pern	t of my k	nowle licens	dge, the abo es on the da	ve-des tes list	scribed waste ed above.
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous		lest.	1			A late of
Printed/Typed Name	Signature	LON	use			Month Day Year



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

Original Ticket# 251419

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING

Ticket Date 11/17/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest

11047024

Destination

PD

4503744475

Profile CF6400 (Special Waste Misc)

Generator

181-SOLUTIA SOLUTIA

Time

11/17/2009 14:29:16 In Dut 11/17/2009 14:29:16

Scale

Scale1

Operator jshields

Vehicle# Dil

Gen EPA ID NR

Billing # 0000408

Container

Driver

Check#

Beid

jshields

Inbound Gress

Tarre

Net Tons 68380 16 27960 16 40420 15

20.21

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	20.21	Tons % Load	(*	()		CALAL CALAL CALAL

Total Fees

Total Ticket



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NON-HAZARDOUS MANIFEST 1. Generator's US EP	A 40 A 40 A 40 A	Manifest Document No.	2. Page of	1		
Generalor's Name and Mailing Address			W	est Number MNA Generator's ID	11	04702
Generator's Phone Transporter 1 Company Name 6	US EPA ID Number	L	C C SCHOOL		50.035	1900
				porter's Phone	are were	THE SECTION
Transporter 2 Company Name 8	US EPA ID Number	1 1 1 1	100000000000000000000000000000000000000	Transporter's ID	-	
Designated Facility Name and Site Address 1	US EPA ID Number			Facility's ID		
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272			H. Facility	y's Phone 2	56 447	-1881
. Description of Waste Materials		12. Conta	tana I	10	1 0	
PCB CONTANTANTED COLLAND DEDDIC	1	No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Misc. Comme
WM Profile #	F6400 JUNE	X 0 0 1	C M	0002	0 01	
WM Profile #	OR			26A	1-10	9
WM Profile #			1	1111		
WM Profile #	* * *					F
Additional Descriptions for Materials Listed Above Landfill Solidification		(7)	Cell	oosal Location	Leve	el
Bio Remediation	10/20	OLD TANK	Grid	NAMES OF STREET	RIPA	944.000
5. Special Handling Instructions and Additional Information	· ·	DITE INJAC	I PAES	DONN WILL	LIAMS	601-807-11
Purchase Order #	EMERGENCY CONTAC	CT:		Dan	1 2	/
I hereby certify that the above-described mater applicable state law, have been fully and accur for transportation according to applicable regul	ately described, class	sified and p				
7. Transporter 1 Acknowledgement of Receipt of Materials	1 1 1 VV-V	1	_			c 1 1 1 1 6
Printed/Typed Name	Signature	109				Month Day
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature				18	Month Day
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment						
was managed in compliance with all applicable	laws, regulations, pe	ermits and ii	001100			
		1	A			Month Day



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

Original Ticket# 251421

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SQL Carrier TAYLOR RO Vehicle* 152

Ticket Date 11/17/2009 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code

Manifest 11047022

Destination

PO 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

> Time 11/17/2009 15:14:41 Scale1

Out 11/17/2009 15:14:41

Scale

Operator jshields

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

jshields

0000408

Inbound Gross Tare

Net Tons 28120 15 37100 15

65220 15

18.55

Comments

In

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

Product	No. days allow allows only your	LD%	Qty	MON	Rate	Fee	Amount	Origin
1 NON-TSCA PCB 2 FUEL-Fuel Sun 3 Evf8-Env Fee	rcharg	100	18.55	Tons % Load			49 (146 146 146) 344 pag (14) 3	CALAL CALAL CALAL

Total Fees Total Ticket



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Todaso	print or type. (Form designed for use on ellite (12-pitch) typewriter.) 1. Generator's US EPA ID No.	Manifest		-		
	NON-HAZARDOUS MANIFEST A L D Q Q 4 Q 1 19 Q 4 Q	ocument No.	2. Pag of	ė 1		
3.	Generator's Name and Mailing Address ANNISTEM Generator's Phone		W	MNA Generator's ID	11	047022
5.	Transporter J Company Name 6., 52 US EPA ID Number	L		Transporter's ID	50 830	5-1800
7.	Transporter 2 Company Name 8. US EPA ID Number			Transporter's ID		
	Designated Facility Name and Site Address 10. US EPA ID Number THREE CORNERS REGIONAL LANDFAL 205 COUNTY ROAD 6 PEDMONT AL 38272		G. State	Facility's ID	56 447	·-1881
11	. Description of Waste Materials	12. Cont	ainers	13.	14.	
-	PCB CONTAMINATED SOIL AND DEBRIS	No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Misc. Comments
G E	WM Profile #	000	CM	0002	0 0	(
GENERATOR	WM Profile #			185	510	N
G.	WM Profile #	11				
d.	WM Profile #					
J.	Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation		K. Dis	posal Location	Levi	əl
15	5. Special Handling Instructions and Additional Information		Grid	DONN WILL	IAMS	CH LOAD 601-807-1187
16	Purchase Order # EMERGENCY CONTACT 5. GENERATOR'S CERTIFICATION:	1	-	2000	_	_
	I hereby certify that the above-described materials are not hazardous applicable state law, have been fully and accurately described, classifor transportation according to applicable regulations.	wastes a fied and p	s defir ackag	ned by 40 CF ged, and are	R Par in prop	t 261 or any per condition
	Printed/Typed Name Signature "On behalf of 50 Williams		N	1.11	-	Month Day Year
17	7. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature	ny	30	de_		Month Day Year
18	B. 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 bes was managed in compliance with all applicable laws, regulations, per	st of my kr mits and I	nowled	dge, the aboves on the dat	/e-des	cribed waste ed above.
20	Printed/Typed Name Signature Signature	ifest.	ulas			Month Day Year



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

Original Ticket# 251422

Volume

Customer Name SOLUTIA_CF6400 CW5520_408 SOL Carrier JERRY TRUCKING

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047028

Destination

PO

In

4503744475

Profile

CF6400 (Special Waste Misc)

Generator

181-SOLUTIA SOLUTIA

Time

Out 11/18/2009 06:59:28

11/18/2009 06:59:28

Scale Scale1 Operator

jshields jshields

- _ Container

Grid

Check#

Billing #

Driver

Vehicle# D12

Gen EPA ID NR

Imbound

0000408

Gross Tare

63880 16 27820 16

Net Tons 36060 1b 18.03

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/ 2 FUEL-Fuel Surcharg 3 Evf8-Env Fee \$8 Lg	100	18,03 1	Tons % Load		THE THE SECTION AND THE SECTION AND THE SECTION ASSESSMENT		CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature Janua 118/1650/ex



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NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No	o. Manifest Document No. 2. Page 1					
Generator's Name and Mailing Address	of of					
702 CLYDESDALE AVE ANNISTON AL 36201	A. Manifest Number 11047028					
4. Generator's Phone	B. Siale Generator's ID					
W. Date Control of the Control of th	US EPA ID Number C. State Transporter's ID					
	D. Transporters Phone					
7. Transporter 2 Company Name 8.	US EPA ID Number E. State Transporter's ID F. Transporter's Phone					
Designated Facility Name and Site Address 10.	US EPA ID Number G. State Facility's ID					
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6	H. Facility's Phone					
PIEDMONT AL 36272	256 447-1881					
11. Description of Waste Materials	12. Containers 13. Total Unit Unit Wt./vol. Misc. Comments					
a. PCB CONTAMINATED SOIL AND DEBRIS	No. Type Quantity Wt./vol. Misc. Comments					
CF840	00 1 CM 00020 CV					
Ě N						
E b.	VIC STRANGO					
T WM Profile #	111111111111111111111111111111111111111					
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	DOMESTIC TRACE TRACE AND					
TAT 1						
	EMERGENCY CONTACT:					
16. GENERATOR'S CERTIFICATION:						
	are not hazardous wastes as defined by 40 CFR Part 261 or any y described, classified and packaged, and are in proper condition					
for transportation according to applicable regulation						
Printed/Typed Name	Signature "On behalf of" (1 Month Day Year					
DONW Willy	"Seluta MI as III IIII					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature Month Day Year					
Sanday & Mosco	Mandall & Mosec					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature Month Day Year					
E R						
19. Certificate of Final Treatment/Disposal	÷					
	ility, that to the best of my knowledge, the above-described waste					
i n	s, regulations, permits and licenses on the dates listed above.					
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous mat	erials covered by this manifest. Signature Month Day Year					
Johnston Min(1))	TWO WALL CAMED IN SET					



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

Original Ticket# 251423

Customer Name SOLUTIA CF6400 CW5520 408 SOM Carrier JERRY TRUCKING

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047023

Destination

PO 4503744475

CF6400 (Special Waste Misc) Profile

181-SOLUTIA SOLUTIA Generator

> Scale Time Scalei 11/18/2009 07:01:33

In Out 11/18/2009 07:01:33 Operator ishields

jshields

Vehicle# DØ9

Container Driver

Check#

Billing # 0000408

Gen EPA ID NR

Grid

Volume

Inbound 73320 15 Gross Tare 28140 15

Net Tons

45180 lb 22.59

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL 2 FUEL-Fuel Surchar 3 Evf8-Env Fee \$8 L	g 100	22,59	Tons % Load				CALAL CALAL CALAL

Total Fees Total Ticket

403WM



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NON-HAZARDOUS MANIFEST 1. Generator's US E		Manifest ument No.	2. Page of	1		
Generator's Name and Marling Address Generator's Phone			W	est Number MNA Generator's ID	11	047023
5. Transporter 1 Company Name	6. 1 5 2 5 0 4 2 A L			Transporter's ID porter's Phone	0 835	1800
7. Transporter 2 Company Name	8. US EPA ID Number			Transporter's ID		
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 38272	10. US EPA ID Number			Facility's ID y's Phone	8 447	-1881
11. Description of Waste Materials a. Control of Waste Materials	1	12. Conta	ainers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	F6400 Jenex	0 0 1	CM-	00020	C	
b. WM Profile #	Dog			225	59	1010
c. WM Profile #	***	4		1111		
d. WM Profile #	184	1.1	1	1111		
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation	**		K. Dis	posal Location	Lev	el
15. Special Handling Instructions and Additional Information S V W V V V V V V V V V V V V V V V V V			TRE	DONN WILL		CH LOAD 601-807-1187
GENERATOR'S CERTIFICATION: I hereby certify that the above-described mate applicable state law, have been fully and accurate for transportation according to applicable regularity.	urately described, classif	wastes a ied and p	s defii ackag	ned by 40 CF ged, and are	R Pa in pro	rt 261 or any per condition
Printed/Typed Name	Signature "On behalf of)	T	Ill	Ms	_	Month Day Yea
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature Hawy H	holy	2	Bolorm		Month Day Yea
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Yea
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatme was managed in compliance with all applicab	nt facility, that to the bes	t of my k	nowle	dge, the aboves on the dat	/e-de: es list	scribed waste ed above.
20. Facitilty Owner or Operator: Certification of receipt of non-hazard Printed/Typed Name/	lous materials covered by this mani	fest.	ul	λ		Month Pay Yea



THREE CORNERS LANDFILE 2205 COUNTY ROAD 6 PIEDMONT, AL, 36272 Phi (256) 447-1881

Original Ticket# 251431

Customer Name SOLUTIA CF6400 CW5520 408 SDL Carrier JERRY TRUCKING Vehicle# Dil

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code

Manifest 11047021

Destination

4503744475 PO

Profile CF6400 (Special Waste Misc)

181-SOLUTIA SOLUTIA Generator

Time

11/18/2009 08:30:06 In Out 11/18/2009 08:30:06

Scale

Scalei ishields ishields

Billing # 0000408 Gen EPA ID NR

Grid

Operator

Container

Driver

Check#



66720 1b Inbound Gross 27960 lb Tare

Volume

38760 lb Net 19.38 Tons

Comments

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

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



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NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID 1. Generator's US EPA ID 1. Querrator's US EPA ID 1. Generator's US EP		Manifest ument No.	2. Page of	p 1		
Generator's Name and Mailing Address Generator's Phone			W	MNA Generator's ID	11	047021
5. Transporter 1 Company Name 6.	5 2 5 0 4 2 A L	111	12.00	Transporter's ID	10 835	-1800
7. Transporter 2 Company Name 8.	US EPA ID Number			Transporter's ID		
			1000000	porter's Phone Facility's ID		
9. Designated Facility Name and Site Address 10. THREE CORMERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 38272	US EPA ID Number			ty's Phone	6 447	-1881
11. Description of Waste Materials		12. Conta	ainers I Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comment
a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile #	100 Fewer		6M		0 61	1
b. WM Profile #	181			19.3	58-	Tong
WM Profile #		11				
WM Profile #		11		1111		
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation			Cell	posal Location	Leve	əl
15. Special Handling Instructions and Additional Information		T TICKE	Grid	DONN WILL		CH LOAD 601-807-1187
Purchase Order # 16. GENERATOR'S CERTIFICATION:	EMERGENCY CONTACT:	-	-	000		
I hereby certify that the above-described materials applicable state law, have been fully and accurate for transportation according to applicable regulation.	ely described, classifi	ed and p				
17. Transporter 1 Acknowledgement of Receipt of Materials	"SolwHA"	4	W	1	- 4	11189
Printed/Typed Name ASON AJONES	Signature	8/	0	1	11	Month Day Ye
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Ye
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment fa was managed in compliance with all applicable late.						
20. Facitity Owner or Operator: Certification of receipt of non-hazardous m	aterials covered by this manif	est.				Month Day Ye



THREE CORNERS LANDFILE 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

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047029

Destination

PD 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Vehicle# 152
Container
Driver
Check#
Billing # 0000408
Gen EPA ID NR

Volume



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

Grid

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
NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100		Tons % Load		The State St	THE COLUMN TWO BUT BUT STAN STAN STAN STAN STAN STAN STAN STA	CALAL CALAL CALAL

Jumy Bales



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ease print or type. (Form designed for use on elite (12-pitch) typewriter.)	
NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No. A 4 D 9 9 4 9 1 9 9	Manifest Document No. 2, Page 1 of
Generator's Name and Mailing Address And S Generator's Phone	A. Manifest Number WMNA 11047029 B. State Generator's ID
5. Transporter 1 Company Name 6. US EPA II	Number C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name 8. US EPA ID	
9. Designated Facility Name and Site Address 10. US EPA ID THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 8 PREDMONT AL 38272	
11. Description of Waste Materials	12. Containers 13. 14. I. Total Unit Mai: 0
a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile # CF8400 TO	No. Type Quantity Wt./Vol. MISC. Comments
b. WM Profile #	- 11/1/6/11/09
d. WM Profile #	
WM Profile #	
Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation	K. Disposal Location Cell Level
15. Special Handling Instructions and Additional Information	WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-1187
Purchase Order # MU EMERGENCY C	CONTACT:
I hereby certify that the above-described materials are not haz applicable state law, have been fully and accurately described for transportation according to applicable regulations. Control Contr	, classified and packaged, and are in proper condition
Printed/Typed Name Signature "On Transporter 1 Acknowledgement of Receipt of Materials	behalf of Month Day, Year
Printed/Typed Name Signature Signature	Parry Balon 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 was managed in compliance with all applicable laws, regulation	ns, permits and licenses on the dates listed above.
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered by Printed/Typed Name Signature	withis manifest. Month Day Year



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

Original Ticket# 251437

Volume

Customer Name SOLUTIA_CF6400 CW5520_408 SOL Carrier RSMS TRUCKING LLC

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code

Manifest 11047030

Destination

PO 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time
In 11/18/2009 09:08:06
Out 11/18/2009 09:26:07

Scale Scale1 Operator jshields jshields

Vehicle#

Container

Billing #

Gen EPA ID NR

Driver Check#

Grid

D19

0000408

Inbound '

Gross Tare Net 66940 lb 28880 lb 38060 lb

Net 38060 10 Tons 19.03

Comments

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

Product		LD%	Qty	HOM	Rate	Fee	Amount	Origin
2 FUEL-Fue	PCB SOIL/ 1 Surcharg Fee \$8 Lg	100	19.03	Tons % Load				CALAL CALAL CALAL





CAMM

leas	pe print or type. (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No. Manifest Description of type in the print or type. Manifest
	NON-HAZARDOUS MANIFEST
	A. Manifest Number WMNA B. State Generator's ID
-	4. Generator's Phone
	D. Transporter's Phone
1	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 10. US EPA ID Number G. State Facility's ID
Ý	THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272 H. Facility's Phone 256 447-1881
	11. Description of Waste Materials 12. Containers Total No. Type Quantity Wt./Vol. Misc. Comment:
G	a. CF8400 JETH 0 0 1 CM 0 0 0 2 0 CV
GENERATOR	b. WM Profile #
R	c. WM Profile #
	d. WM Profile #
	K. Disposal Location
	J. Additional Descriptions for Materials Listed Above Landfill Solidification Cell Level
	Bio Remediation Grid_GURED WITH EACH LOAD
	15. Special Handling Instructions and Additional Information SnowC0A Purchase Order # EMERGENCY CONTACT: DONN WILLIAMS 601-807-1187
	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 You
TRANSP	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day You have a signature
SPORTER	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day You
FACI	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.
L	20. Facitility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Y	Printed/Typed Name Signature Month Day Y



THREE CORNERS LANDEI 2205 COUNTY ROAD 6 FIEDMONT, AL. 36272 Ph: (256) 447-1881

Orivinal Ticket# 251439

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING

11/18/2009 Ticket Date

Payment Type Credit Account

.Manual Ticket# Hauling Ticket#

Route

State Waste Code

Time

11047053 Manifest

Destination

PO

In

4503744475

CF6400 (Special Waste Misc) Profile

181-SOLUTIA SOLUTIA Generator

11/18/2009 09:28:52

Out 11/18/2009 09:28:52

Scale

Scale1

Vehicle# Du2 Container Driver

Check# Billing # 0000400 Gen EPA ID NR

Grid

Operator

ishields

jshields

Inbound Gross Tare

Net Tons 66020 15 27820 15 38200 16

19.10

Comments

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

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



Total Fees Total Ticket

403WM

Driver's Signature Rondall BMOSKUX



CVARA

ase print or type. (Form designed for use on elite (12-pitch) typewriter.)	A ID No.	lanifest				
NON-HAZARDOUS MANIFEST	4 9 1 9 9 4 8 Doct	ment No.	2. Page of	1		
Generator's Name and Malling Address Generator's Phone			W	MNA Generator's ID	11	047053
5. Transporter 1 Company Name 6	1 5 2 5 0 4 2 A L	1.1.1	Con-section seed	Transporter's ID porter's Phone	0 835	1800
7. Transporter 2 Company Name 8	. US EPA ID Number		E. State	Transporter's ID		
				porter's Phone		
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6	0. US EPA ID Number			Facility's ID y's Phone	6 447-	1881
PIEDMONT AL 36272		10.0	tores T			
11. Description of Waste Materials	0,6	12. Conta	I Type	13. Total Quantity	14. Unit Wt./Vol.	Misc. Comments
WM Profile #	F6400 Jerrele	001	EM	00021	0 01	
b. WM Profile #	241-		1	19,	0	org
c. WM Profile #	al-		1	1111		
d.				***		
WM Profile #		1.1		posal Location		
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation 15. Special Handling Instructions and Additional Information	WEIGH	TICKE	Cell	QUIRED WIT		CH LOAD 601-807-1187
Purchase Order #	W EMERGENCY CONTACT:					
16. GENERATOR'S CERTIFICATION:	49					
I hereby certify that the above-described mate applicable state law, have been fully and accurate for transportation according to applicable regu	rately described, classif	wastes a ied and p	as defi packaç	ned by 40 Cl ged, and are	FR Pa in pro	rt 261 or any per condition
Printed/Typed Name Down Will + >	Signature "On behalf of"	T	WL	ls-		Month Day Yea
	Ole - true			746		Month Day Yea
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature)	SH	250	lely		1/1/1/19 012
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Yea
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatmen was managed in compliance with all applicable.	e laws, regulations, per	mits and	nowle licens	dge, the abo	ve-de: tes list	scribed waste red above.
20. Facitilty Owner or Operator: Certification of receipt of non-hazardory Printed/Typed Name	Signature Signature	MA .	Mu			Month Day Yea



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

Original Ticket# 251447

Valume

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code 11047052

Manifest Destination

4503744475

Out 11/18/2009 11:32:38

Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Time In

Scale 11/18/2009 11:32:38 Scale1

jshields jshields

Operator

Vehicle# DØ9

Gen EPA ID NR

Billing # 0000408

- Container

Driver

Check#

Grid

Inbound

Gress Tare

Net Tons 55800 1b 28140 lb

38660 15 19.33

Comments

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

Pro	duct	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 2 3	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	19,33	Tons % Load	R			CALAL CALAL CALAL

Total Fees Total Ticket

403WM

Driver's Signature Hary July



CMAG

lease print or type. (Form designed for use on elite (12-pitch) typewriter.)	In N	4-9				
NON-HAZARDOUS MANIFEST 1. Generator's US EPA		Manifest current No.	2. Page of	1		
Generalor's Name and Mailing Address ANNISTON AL 3620			A. Manifes WN B. State G		110	47052
Generator's Phone Transporter 1 Company Name 6.	JUS EPA ID Number	-	C. State T	ransporter's ID		200
5. Transporter 1 Company Name 6.	5 2 5 EPA ID Number L	111		orter's Phone	835-1	800
7. Transporter 2 Company Name 8.	US EPA ID Number		300000000000000000000000000000000000000	ransporter's ID		
Designated Facility Name and Site Address 10.	US EPA ID Number		G. State F	orter's Phone	_	
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	OS EFA ID NUMBER		H. Facility	Dhane	6 447-1	881
11. Description of Waste Materials		12. Conta	ainers	13.	14.	T.
PCB CONTAMINATED SOIL AND DEBRIS			Type	13. Total Quantity	Unit Wt./Vol.	Misc. Comments
W/M Profile #	8400 Jane	0 0 1	C)	0002	cr	
b. WM Profile # WM Profile #	Dog			193	370	ng
C. WM Profile #						
d.	1.1					
WM Profile #	# ,	h				
J. Additional Descriptions for Materials Listed Above	4	7)	K. Dispo	osal Location		
Landfill Solidification	-		Cell		Level	
Bio Remediation	SAFACA.	IT TICKE	Grid	LIRED WIT	H EACH	HOAD
15. Special Handling Instructions and Additional Information		7	101	ONN WILL	iams oc	1-807-1187
	EMERGENCY CONTACT:		-Wil			
I hereby certify that the above-described materia applicable state law, have been fully and accuration transportation according to applicable regular	ately described, classifi					
Printed/Typed Name	Signature "On behalf of"	TW	U	_	N	onth Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature /	,			N	onth Day Year
Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Harly Lend	4			1/	1118619
18. Transporter 2 Acknowledgement of Receipt of Materials	Charles				141	length Day V
Printed/Typed Name	Signature				N I	lonth Day Year
19. Certificate of Final Treatment/Disposal						1
I certify, on behalf of the above listed treatment was managed in compliance with all applicable						
20. Facitity Owner of Operator: Certification of receipt of non-hazardous	materials covered by this manif	est.	00			1-1-
Printed/Typed Name	Signature WW	-O/W	Les .		N	onth Day Year



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

Original Ticket# 251448

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier JERRY TRUCKING

Ticket Date 11/18/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047051

Destination

PB

4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

11/18/2009 11:46:19

Out 11/18/2009 11:46:19

Time

Scale Scale1

Operator jshields jshields

_ - = Wehicle# D11

Driver

Check#

Grid

Container

Billing # 0000408

Gen EPA ID NR

Inbound

Gress 44300 16

Tare Net

27960 15 16340 1b

Tons

8.17

Comments

In

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

Product	LD%	Qty	MOU	Rate - Fee	Amount	Origin
1 NON-TSCA PCB SOI 2 FUEL-Fuel Surcha 3 Evf8-Env Fee \$8	rg 100	0377 709	Tons % Load	6		CALAL CALAL CALAL



CVANA

NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID A L P 0 9 4		lanifest ument No.	2. Pag of	p 1			
Generator's Name and Mailing Address Generator's Phone			W	fest Number MNA Generator's ID	11	047051	
5. Transporter 1 Company Name 6.	5 2 5 0 4 2 A L	1.1.1		Transporter's ID	50 035	-1800	
7. Transporter 2 Company Name 8.	US EPA ID Number		0.00	Transporter's ID			
9. Designated Facility Name and Site Address 10.	LIG FRA JRAN b			sporter's Phone Facility's ID			
9. Designated Facility Name and Site Address 10. THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	US EPA ID Number		9,719,410	ity's Phone	56 447	-1881	
11. Description of Waste Materials		12. Conta		13. Total	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile #	100 Jeuch		Type C M	0 0 0 2	0 C1	f .	
b. WM Profile #	PH		1	18.17	TOV	S	
WM Profile #		1.1		T1 1-1			
d.		-16-	1				
WM Profile #		1		1111			
Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation		(3)	K. Dis	sposal Location	Leve	əl	
15. Special Handling Instructions and Additional Information	WEIGHT TICKET REQUIRED WITH EACH LOAD DONN WILLIAMS 601-807-118						
GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials applicable state law, have been fully and accurate for transportation according to applicable regulation.	s are not hazardous v ely described, classific ons.					per condition	
Printed/Typed Name DONN William 2	Signature "On behalf of"	4	0	lilles	- 1	Month Day Ye	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	2				Month Day Ye	
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Ye	
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment fa was managed in compliance with all applicable land.							
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous m. (Printed/Typed Name	saterials covered by this manife) hul	as a	7		Month Day Ye	



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

Original Ticket# 251453

Volume

Customer Name SOLUTIA CF6400 CW5520 +08 SOL Carrier

RSMS TRUCKING LLC D19 Vehicle#

Ticket Date 11/18/2009 Payment Type Credit Account

Condainer Driver Check#

Manual Ticket# Hauling Ticket# Route

11047050

Billing # 0000408 Gen EPA ID NR

Manifest

State Waste Code

Grid

Destination

4503744475 PO

Profile

CF6400 (Special Waste Misc)

Generator

181-SOLUTIA SOLUTIA

Time 11/18/2009 12:06:56 In Gut 11/18/2009 12:06:56

Scale Scale1

Operator ishields ishields

Inbound

Gross Tare Net Tons

68440 15 28880 15 39560 1b

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 SC 2 FUEL-Fuel Surch 3 Evf8-Env Fee \$8	arg 100	19.78	Tons % Load	ner une mei prei litte den une prin har helf fürst.	Jan. 4-10 (40) (40) (40) (40) (40)		CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature



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NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No.	Manifest Document No. 2. Page 1 of										
Generator's Name and Mailing Address And Senerator's Phone	A. Manifest Number WNNA 11047050 B. State Generator's ID										
5. Transporter 1 Company Name 6. 5.2 US EPA II	D Number C. State Transporter's ID D. Transporter's Phone										
7. Transporter 2 Company Name 8. US EPA II	D Number E. State Transporter's ID F. Transporter's Phone										
Designated Facility Name and Site Address 10. US EPA II											
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272	H. Facility's Phone 258 447-1881										
11. Description of Waste Materials a.	12. Containers 13. Total Unit Unit No. Type Quantity Wt./vol. Misc. Comments										
WM Profile #	19 001 CM 00020 CV										
b. WM Profile #	19.787019										
c. WM Profile #											
d. WM Profile #											
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation	K. Disposal Location Cell Level										
15. Special Handling Instructions and Additional Information SNW CUA COA POP	DONN WILLIAMS 601-807-1187										
Purchase Order #	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 Poww Willeton > Signature "C	On behalf of Month Day Ye										
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	Month Day Ye										
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	Month Day Ye										
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to was managed in compliance with all applicable laws, regulation.	o the best of my knowledge, the above-described waste ons, permits and licenses on the dates listed above.										
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered Printed/Typed Name Signature	by this manifest. Month Day We										



THREE CORNERS LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, AL, 36272 Pb: (256) 447-1881 Original Ticket# 251525

Valums

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier INDUSTRIAL WASTE INC

Ticket Date 11/20/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 11047046

Destination

PD 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time
In 11/20/2009 08:47:14
Out 11/20/2009 09:08:24

Scale Scale1 Scale1 Operator jshields ishields

Vehicle# MACK2

Container

Billing #

Grid .

Gen EPA 1D NR

Driver

Check#

Inbound

00000408

Gross Tare Net

Tons

35780 1b 31060 1b 4720 1b 2,36

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL/ 2 FUEL-Fuel Surcharg 3 Evf8-Env Fee \$8 Lg	100	2.36 1	Tons % Load		6		CALAL CALAL CALAL

Boy miles

Driver's Signature



CMMAI

ease print or type. (Form designed for use on elite (12-pitch) typewriter.)			-			
NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No.		Manifest cument No.	2. Pag	b 1		
Generator's Name and Mailing Address ANNI Generator's Phone			W	fest Number MNA Generator's ID	11	047046
5. Transporter 1 Company Name 6.1 5 2	US EPA ID Number			e Transporter's ID	66 836	5-1800
7. Transporter 2 Company Name 8.	US EPA ID Number		-	Transporter's ID		
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 38272	US EPA ID Number			Facility's ID	6 447	-1881
11. Description of Waste Materials		12. Cont	ainers	13.	14.	
a. PCB CONTAMINATED SOIL AND DEBRIS WM Profile #	I CM	No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Misc. Comments
b. WM Profile #				2.36	70)	y
c. WM Profile #			1			
d. WM Profile #	-	1.1	Y			
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation	-	(K. Dis	posal Location	Leve	el -
15. Special Handling Instructions and Additional Information Purchase Order # 16. GENERATOR'S CERTIFICATION:	ERGENCY CONTACT:	TTICKE	I PUL	DONN WILL	H EA	CH LOAD 601-807-1187
I hereby certify that the above-described materials are applicable state law, have been fully and accurately defor transportation according to applicable regulations.						
Doni Will: Ms	gnature "On behalf of"	TH	1,1	>		Month Day Yea
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 18. Transporter 2 Acknowledgement of Receipt of Materials	gnature.	m	7	5		Month Day Yea
	gnature					Month Day Yea
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility was managed in compliance with all applicable laws, respectively.						
20. Facitity Owner or Operator; Certification of receipt of non-hazardous material. Printed Typed Name Signature Si	s covered by this manife	ist.				Month Day Yea



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 Payment Type Credit Account Vehicle# MACK2 Volume

Manual Ticket#

Container Driver Check#

Hauling Ticket# Route

Billing # 0000408 Gen EPA ID NR

State Waste Code Manifest 11047047

Grid

Destination

PO 4503744475

In

Profile CF6400 (Special Waste Misc)

Scalei

Generator

181-SOLUTIA SOLUTIA

Time Scale

Out 11/20/2009 11:35:36

11/20/2009 11:14:11 Scale1

Operator jshields jshields

Inbound Gross Tare Net

62780 15 31700 15

Tons

31080 15 15,54

Comments

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

Produ	uct	LD%	Oty (UOM	Rate	Fee	Asount	Origin
2	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Exf8-Env Fee \$8 Lg	100	15.54 1	Tons % Load			N	CALAL CALAL



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NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID N		Manifest cument No.	2. Pag	e 1		
Generator's Name and Mailing Address Generator's Phone	3		W	fest Number MNA Generator's ID	11	047047
5. Transporter 1 Company Name 6.	US EPA ID Number			Transporter's ID	0.000	1000
7. Transporter 2 Company Name 8.	US EPA ID Number			sporter's Phone Transporter's ID	PU OON	-1000
7. Transporter 2 company Name 6.		111		sporter's Phone		
9. Designated Facility Name and Site Address 10. THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 30272	US EPA ID Number			Facility's ID	6 447	-1881
11. Description of Waste Materials		12. Cont	ainers	13. Total	14. Unit Wt:/Vol.	1.
a PCB CONTAMINATED SOIL AND DEBRIS	· Ak	No.	Type	Quantity	Wt./Vol.	
WM Profile #	oo CM	0 0 1		00021	0 01	Container 10773
b. WM Profile #			í	15.54-	10)	9
c. WM Profile #						
d. WM Profile #		1-1-				
J. Additional Descriptions for Materials Listed Above Landfill Solidification Bio Remediation			Cell	posal Location	Leve	əl
15. Special Handling Instructions and Additional Information Support Control Purchase Order #	WEIGH	IT TICKE	TRE	DONN WILL	H EA IAMS	601-807-1187
	EMERGENCY CONTACT:	-		(Control o		0
I hereby certify that the above-described materials applicable state law, have been fully and accuratel for transportation according to applicable regulation	ly described, classifi					
Printed/Typed Name Donn Williams	Signature "On behalf of"	I	Wil	45		Month Day Ye
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name August Billy M. Mair	Signature O	mana				Month Day Ye
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day Ye
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treatment factorized was managed in compliance with all applicable law						
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous ma	aterials covered by this manif Signature	est.	Q)			Month Day Ye



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

Original Ticket# 251572

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier INDUSTRIAL WASTE INC

Ticket Date 11/23/2009

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest

Destination

PO

In

4503744475

11047048

Profile

Out 11/23/2009 10:25:25

Generator

CF6400 (Special Waste Misc)

181-SOLUTIA SOLUTIA

Time Scale 11/23/2009 10:07:12

Scalei Scalel

Operator jshields jshields

Vehicle# MACK2

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Inhound

0000408

Gross Tare Net

74900 1b 37920 1b 36980 15

Tons

18.49

Comments

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

	Produ	ıct	LD%	Oty	UOM	Rate	Fee	Amount	Origin
The state of	5	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	18.49	Tons % Load		N.	(E)	CALAL CALAL 2
	19		€.					(Tage)	

MMans Driver's Signature



BARK

NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID		Manifest cument No.	2. Page of	1		,				
Generator's Name and Mailing Address VILLIAMS) ANNIS TON AL 38201	J.		W	est Number MNA Generator's ID	11	047048				
256 231-8483 4. Generator's Phone			b. State	Generalor S ID						
5. Transporter J Company Name 6.	5 US EPA ID Number		7		56.825	1900				
				porter's Phone	44.000					
7. Transporter 2 Company Name 8.	US EPA ID Number	1 1 1	22	Transporter's ID	-					
Designated Facility Name and Site Address 10.	US EPA ID Number		F. Transporter's Phone G. State Facility's ID							
THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 36272				de Dhees	6 447	-1881				
		12. Cont	ainare I	13	T 14	× 1				
11. Description of Waste Materials DCB CONTRACTION SCHOOL AND DCBDIS			Type	13. Total Quantity	Unit Wt./Vol.	Misc. Comment				
a. WM Profile #	oo Jem	001	CM	0002	0 0	Container 113101				
b.				18 49-	17h	V. A				
WM Profile #		11	1		1013	6th SI				
C. +					1					
WM Profile #										
d.										
WM Profile #		11	1	1111	-	1				
J. Additional Descriptions for Materials Listed Above			K. Dis	posal Location	1					
Landfill Solidification			Cell		Lev	el				
Bio Remediation			Grid	So	7					
15. Special Handling Instructions and Additional Information	WEIGH	IT TICKE	1 845	DONN WILL	IAMS	CH LOAD 601-807-1187				
Purchase Order # NW	EMERGENCY CONTACT:			TW!	1					
16. GENERATOR'S CERTIFICATION:										
I hereby certify that the above-described material applicable state law, have been fully and accurate for transportation according to applicable regulation.	ely described, classif	wastes a ied and p	s definackaç	ned by 40 Cl ged, and are	FR Pa in pro	rt 261 or any per condition				
Printed/Typed Name	Signature, "On behalf of"	1	4	July-	1	Month Day Ye				
17. Transporter 1 Acknowledgement of Receipt of Materials	V 1 1/2 1 1 1 1		-		FF					
Printed/Typed Name Billy mellair	Signature Sall	gm.	Ma			Month Day Ye				
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	1				Month Day Ye				
19. Certificate of Final Treatment/Disposal					-					
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment fa was managed in compliance with all applicable laterals.	acility, that to the bes ws, regulations, perr	t of my k nits and	nowle	dge, the abo	ve-de: tes list	scribed waste ted above.				
20. Facitilty Owner or Operator: Certification of receipt of non-hazardous n	naterials covered by this mani	fest. 1	11			11 2				
Printed Typed Name	\$ignature \	17	MA			Month Day Y				



THREE CORNERS LANDFILL 2205 COUNTY ROAD 6 PIEDMONT, ALT 35272 Ph: (256) 447-1881

Original Ticket# 251583

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier INDUSTRIAL WASTE INC Vehicle# MACK2 Volume

Ticket Date 11/23/2009 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code

Manifest 1104709

Destination

Pn 4503744475

Out 11/23/2009 12:18:48

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

> Time Scale 11/23/2009 12:18:48

Scale1

Operator tdjones tdjones

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Inbound

0000408

Gross 36340 15 Tare 31040 lb Net 5300 1b

Tons

2.65

Comments

In

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 2 FUEL-Fuel Sur 3 Evf8-Env Fee	rcharg 100		Tons % Load		anak keer min' men' ahin aka jihu' linay yara ba	r-hand their other hands have been died aller dies and died and	CALAL CALAL CALAL



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NON-HAZARDOUS MANIFEST 1. Generator's US	Door	anifest ment No.	2. Page of	1	~					
Generator's Name and Mailing Address Generator's Phone			A. Manifest WN B. State Ge	INA	11	047049				
5. Transporter 1 Company Name	6. US EPA ID Number	111	C. State Tra	insporter's ID ter's/Phone	50 835	1800				
7. Transporter 2 Company Name	8. US EPA ID Number	1000	nsporter's ID	1						
9. Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PEDMONT AL 36272	10. US EPA ID Number		G. State Fac	cility's ID	56 447-	1881				
11. Description of Waste Materials		12. Cont		13. Total	14. Unit	I. Misc. Comments				
a. WM Profile #	CF6400 TOM	0 0 1	7	Quantity 0 0 0 2	Wt./Vol.	Container				
b. WM Profile #				2.65 +0x5		6+hst				
wm Profile #	1-1-			-						
d. WM Profile #	1.1	1	1111	13						
J. Additional Descriptions for Materials Listed Above	*		K. Dispos	sal Location		The same of				
Landfill Solidification	_		Cell		Leve	1				
1	MEIGHT	TTICKE	TREGI	DIN WILL TWU	IAMS	001-807-1187				
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	Signature "On behalf of"	K	VIVE	2	11	Month Day Yea				
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	n 51.)	Tir	T. É	Month Day Yea				
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name										
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment was managed in compliance with all applications.										
Facitity Owner or Operator: Certification of receipt of non-haza Printed/Typed Name	Signature	est.				Month Day Yea				

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



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



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

Ticket# 246346

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier Ticket Date 06/26/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code

Manifest 10823971

Destination

4503744475

Time

CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

06/26/2009 10:26:19

Out 06/26/2009 10:43:15

Scale Scalei

jshields

INDUSTRIAL WASTE INC

Vehicle# MACK2

Container

Billing #

Check#

Gross Tare Tons

71220 15 31040 lb 40180 1b

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/ 2 FUEL-Fuel Surcharg 3 Evf8-Env Fee \$8 Lg	100	20.09	Tons % Load		MP Mich eter oder dies han van stan van s		CALAL CALAL CALAL

Total Fees Total Ticket

403WM

(3)



(Form designed for use on elite (12-pitch) typewriter.)

Please print or type.

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	NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. D D D D D D D D D D D D D	Manifest locument No.	2. Pag of 1	je 1 L	150	37	44475
2	SOLUTIA, INC. (DONN WILLIAMS) 702 CLYDESDALE AVE AMMSYON AL 38201	con so a good		W	MNA Generator's II		.08	23971
-	Transporter 1 Company Name	6. US EPA ID Number		C State	Transportor's	ID		
ľ	TAYLOR CORP.	6. US EPA ID Number	1.1.1	C. State Transporter's ID D. Transporter's Phone				
7	Transporter 2 Company Name	•	_	Transporter's	5514510	0 830	-1800	
	, , , , , , , , , , , , , , , , , , , ,	1.1.1	F. Transporter's Phone					
9	Designated Facility Name and Site Address			Facility's ID				
	THREE CORNERS REGIONAL LAN	10. US EPA ID Number						
	2205 COUNTY ROAD 6		H. Facility's Phone					
	PIEDMONT AL 38272					256	1447-	1881
1	. Description of Waste Materials		12. Cont	200	13. Total		14. Unit	I. Misc. Comments
a	PCB CONTAMINATED SOIL AND D	EBRIS	No.	Туре	Quantity		Wt./Vol.	MISC. Comments
G	WM Pro	file # CF8400	0 0 1	C M	999	2 0	CY	Pine Als
N b								1010 1101
GENERATOR -	WM Profile #				20,	0	9-	DUS
R C.								
_	WM Prof	file #	11		III			
d.								1
	WM Prof	ile#			111			
J	Additional Descriptions for Materials Listed Above			K. Dis	posal Location	on		
	Landfill Solidification	e	1 1	Cell			Leve	i.
	Bio Remediation						2010	
1	5. Special Handling Instructions and Additional In	formation	STOP STOLEN AUTOM	Grid	NA AMERICAN A	al attention of		444
1	s. Special Hariding histractions and Additional in	a print day	TTICKE	I ROEG	AVAKED !	POLICE:	EAC	H LOAD
		PO# 4503744475		DON	M WELLV	MIS	801-1	907-1187
	Purchase Order #	EMERGENCY CONTACT:	:					
1	GENERATOR'S CERTIFICATION:							
	applicable state law, have been full for transportation according to ap	scribed materials are not hazardous ully and accurately described, classif plicable regulations.	wastes as fied and p	s defir ackag	ned by 40 led, and a	CFF are in	R Par	t 261 or any per condition
	Printed/Typed Name UUND WILLIAMS	Signature "On behalf of"	ins	50	LUTER			Month Day Year
1	The state of the s				1	7		
	Printed/Typed Name	Signature	57 .					Month Day Year
1	. Transporter 2 Acknowledgement of Receipt of M	BOLY	1169					000607
18	Transporter 2 Acknowledgement of Receipt of M Printed/Typed Name	Signature						Month Day Year
19	. Certificate of Final Treatment/Disposal							
	I certify, on behalf of the above lis	sted treatment facility, that to the best all applicable laws, regulations, pern	t of my kn nits and li	owled	lge, the a	bove	e-deso s liste	cribed waste d above.
20	. Facitilty Owner or Operator: Certification of recei	ipt of non-hazardous materials covered by this manif	fest.		d			
	Printed/Typed Name	Signature	14	100	11/2		1	Month Day Year



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

Ticket# 248105

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC

Ticket Date 08/13/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket# .

Route

State Waste Code

Manifest 10919665

Destination

PO

4503744475

Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Time

In 08/13/2009 10:27:29 Scale1 jshields

Scale

Out 08/13/2009 10:45:02 Scale1 jshields

Driver

Check#

Vehicle# MACK2

Billing # 0000408

Tare Net

38680 1b 30640 1b 8040 1b

4.02

Comments

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

Product	LD%	Oty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB 2 FUEL-Fuel Sur 3 Evf8-Env Fee	charg 100	4.02	Tons % Load				CALAL CALAL CALAL

Total Fees Total Ticket

403WM



NON-HAZARDOUJ MANIFEST CWMI Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Generator's US EPA ID No **NON-HAZARDOUS MANIFEST** 2. Page of 1 Generator's Name and Mailing Address A. Manifest Number WMNA B. State Generator's ID C. State Transporter's ID D. Transporter's Phone US EPA ID Number E. State Transporter's ID F. Transporter's Phone G. State Facility's ID 10. US EPA ID Number H. Facility's Phone 256 447-1881 12. Containers Misc. Comments moins ed Soil of Debris WM Profile # WM Profile # WM Profile # K. Disposal Location Cell Level Grid 3741495 **EMERGENCY CONTACT:** Signature "On behalf of" Day Year Signature Month Day Year

Transporter 2 Company Name Designated Facility Name and Site Address THREE CORNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6 PIEDMONT AL 3627 11. Description of Waste Materials d. Additional Descriptions for Materials Listed Above Landfill Bio Remediation Special Handling Instructions and Additional Information Purchase Order # 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 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year 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. Facitilty Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. 20. Printed/Typed Name Month Day CWM - NHM - 1 - 5/97



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

Original Ticket# 246549

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier INDUSTRIAL WASTE INC Vehicle# MACK1

Ticket Date 07/01/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 10823958

Destination

PO

4503744475

Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Time

In 07/01/2009 11:21:13 Out 07/01/2009 11:41:11 Scale1

Scale Scalei

Operator jshields jshields

Inbound

Gross Tare

Net Tons 65940 lb 32840 1b 33100 16 16.55

Comments

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

Container

Billing # 0000408

Gen EPA ID NR

Driver

Check#

Grid

Product	LD%	Gty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL 2 FUEL-Fuel Surchar 3 Evf8-Env Fee \$8 L	g 100	16.55 1	Tons % Load		the first state of the state of	50 DOS	CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature

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NON-HAZARDOUS MANIFEST

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Please print or type. (Form designed for use on elite (12-pitch) type					Catalon
NON-HAZARDOUS MANIFEST	Generator's US EPA ID No.	Manifest Document No.	2. Page 1	can't	LIGUR .
Generator's Name and Mailing Address Generator's Phone	1.1120 00 00		A. Manifest Nu WMI B. State Gener	NA 10	823958
Transporter 1 Company Name	6. US EPA ID Number		C. State Transp	porter's ID	
TAYLOR CORP.	1 5 2 5 0 4 2 A	1111	D. Transporter	s Phone 200	35-1800
7. Transporter 2 Company Name	8. US EPA ID Number		E. State Transp	oorter's ID	
Designated Facility Name and Site Address	10. US EPA ID Number		F. Transporter's	1.00	
THREE CORNERS REGIONAL LAND 2205 COUNTY ROAD 6	o a in the Homber		G. State Facility H. Facility's Pho		
PIEDMONT AL 36272		1.1.1			47-1881
11. Description of Waste Materials		12. Cont		13. 1 Total U	4. I.
a. PCB COMANNALED 801 AND DE AMBRICA STATE OF THE STATE O	10323971 THOFTHES	No.	C M O	Duantity Wt./	Misc. Comments
b. WM Profile #	1071766			(a.55	7009
d. WM Profile #					
WM Profile #	1				
J. Additional Descriptions for Materials Listed Above			K. Disposal L	ocation	
Landfill Solidification			Cell	L	evel
Bio Remediation			Grid		
15. Special Handling Instructions and Additional Inform Purchase Order #	POS 4503744475 EMERGENCY CONTACT		DONN W		ACH LOAD 01-807-1187
16. GENERATOR'S CERTIFICATION:	INC. INC. INC. INC. INC. INC. INC. INC.	-			
I hereby certify that the above-descr applicable state law, have been fully for transportation according to applic Printed/Typed Name	and accurately described, classif	wastes as fied and pa	defined backaged, a	y 40 CFR P Ind are in pr	oper condition
17. Transporter 1 Acknowledgement of Receipt of Mater	The work	8	Doll	WIO	Month Day Year
Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mater	Signature	in Pas	2		Month Day Year
Printed/Typed Name	Signature				Month Day Year
Certificate of Final Treatment/Disposal I certify, on behalf of the above listed was managed in compliance with all Facitity Owner or Operator: Certification of receipt of Printed/Typed Name	applicable laws, regulations, perr	nits and lic	owledge, the censes on	ne above-de	ted above.
NIM 1 507	1) / AT WAT	N	JUW K	all .	Month Day Year



THEE 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 07/08/2003

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 10823955

Destination PO

4503744475

Profile

CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time

In 07/08/2009 11:14:08 Out 07/08/2009 11:32:32 | Scale1

Scale Scalei

Operator jshields

jshields

Inbound

Gross Tare Net

37660 15 31520 15 6140 lb

Tons

3.07

Comments

神教は行わせつ 16919 66

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

Vehicle# MACK2

Billing # 0000408

Gen EPA ID NR

Container

Driver

Check#

Grid

Product	-	LD%	Qty	UOM	Rate	Fee	Amount	Origin
NON-TSCA PCB FUEL-Fuel Sur Fvf8-Env Fee	reharg	100	3.07	Tons % Load	THE RESERVE AND THE PARTY AND	or development to be change greater, about the	*** The state and the state an	CALAL CALAL CALAL

Total Fees Total Ticket

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NON-HAZARDOUS MANIFEST 1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	450	13744475
Generator's Name and Mailing Address		A. Manifest Nu	mber	00000==
SOLUTIA, INC. (DONN WILLIAMS)		l WMr	VA 1	0823955
702 CI VOESDAI E AVE		B. State Gener		
4. Generator's Phone				
Transporter 1 Company Name S. US EPA ID Number	er	C. State Transp	orter's ID	
	LIII	D. Transporter's		
7. Transporter 2 Company Name 8. US EPA ID Numbe		E. State Transp	7,000	935-1900
d. OS EFA ID Notlinge	1 1 1 1	F. Transporter's	V	
9. Designated Facility Name and Site Address 10. US EPA ID Number		G. State Facility		
9. Designated Facility Name and Site Address 10. US EPA ID Numbe	er	G. State Facility	SID	
THREE CORNERS REGIONAL LANDFILL		11 F - 10t t- Dt		
2205 COUNTY ROAD 6		H. Facility's Pho	one	
11. Description of Waste Materials		1	256	447-1881
The Description of waste materials	12. Con		13. Total	14. Unit vt./Vol. Misc. Comments
a. 500 0017114114777 004 110 070740	No.	Type C	Quantity V	vt./Vol. Misc. Comments
PCB CONTAMINATED SOIL AND DEBRIS	.7		1	110
WM Profile #	0 0 1	CIM Q	0000	an Wino
	001	A 868 A 1	4444	611111
b. WM Profile #			2 -	n -
WM Profile #	1	1 . 1 . 3	201	T/110
			1914	14/4
C.			W	
WM Profile #			1	
d.				
WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal I	ocation	
Landfill Solidification		Cell		Level
Bio Remediation				
		Grid		
15. Special Handling Instructions and Additional Information	GHT TICKE	TREME	ED WITH	EACH LOAD
	CHEET TRUTTE			
PO# 4503744475		DOWN W	MLLIAMS (801-807-1187
Purchase Order # EMERGENCY CONTA	CT:			
16. GENERATOR'S CERTIFICATION:				
I hereby certify that the above-described materials are not hazardou	is wastes a	s defined h	v 40 CFB	Part 261 or any
applicable state law, have been fully and accurately described, clas	sified and n	ackaned a	and are in	proper condition
for transportation according to applicable regulations.	omod and p	aonagoa, c	and are m	proper condition
1				
Printed/Typed Name Signature 'On behalf	of"	7011.	FILA	Month Day Year
CHOIN MINIME	16	2010	(11)	14/14/90
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	,			
Printed/Typed Name Signature	1	P		Month Day Year
19 Transactor O Advantations (Constitution of the	- O mag	Plus	-	1020
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature		p		
Printed/Typed Name Signature	10,0	18/4		Month Day Year
10. Cartificate of Field Treatment/Di	///	-//		1080
19. Certificate of Final Treatment/Disposal	/			
I certify, on behalf of the above listed treatment facility, that to the be	est of mv kr	nowledae. t	he above-	described waste
was managed in compliance with all applicable laws, regulations, pe	ermits and li	censes on	the dates	listed above
	1 \	7,000	1	
20. Facitify Owner or Operator: Certification of receipt of non-hazardous materials covered by this m	anifest.	1		
Printed/Typed Name Signature	HILL	Mill	VI	Month Day Year
	1	AMX	an	1 1/1/1/10/01



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

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 10823956

Destination

PO

4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time

Scale

In 07/08/2009 13:10:38 Scale1

Out 07/08/2009 13:30:57 Scale1

jshields

Container

Billing # 0000408

Gen EPA ID NR

Driver

Check#

Grid

jshields

Operator Inbound

Gross

Tare Net

31980 15 32160 16

Tons

16.08

64140 1b

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL/ 2 FUEL-Fuel Surcharg 3 Evf8-Env Fee \$8 Lg	100		Tons % Load		1675 - 1675 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685 - 1685	and finds their first time from most done some place whose done and	CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signat 403WM

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NON-HAZARDOUS MANIFEST

CVMMI

Trouble print or type. (I offit designed for use off elite (12-pitch	1. Generator's US EPA ID No.	Maryant							
NON-HAZARDOUS MANIFEST	A49994919949	Manifest Document No.	2. Page 1 of	450	3744475				
Generator's Name and Mailing Address			A. Manifest Num	A	823956				
4. Generator's Phone 258 231-8483			B. State Generator's ID						
Transporter 1 Company Name	6. US EPA ID Number		C. State Transporter's ID						
TAYLOR CORP.	11 5 2 5 0 4 2 A		D. Transporter's	-	195-1800				
7. Transporter 2 Company Name	8. US EPA ID Number		E. State Transpo	1	100 I 000				
		1 1 1 1	F. Transporter's F	49					
Designated Facility Name and Site Address	10. US EPA ID Number		G. State Facility's						
THREE CORNERS REGIONAL LA 2205 COUNTY ROAD 6			H. Facility's Phon						
PIEOMONT AL 36272 11. Description of Waste Materials				258 4	147-1881				
		12. Cont No.	T	13. otal U	I. Init Vol. Misc. Comments				
a PCB CONTAMBATED SOL AND	DESRIS			artity VVI.	710				
WM Pro	ofile # CF6430	0.0.1	CM 00	020	er Pinetu.				
E b.				11	1. 2				
WM Pro	ofile #	1.1.		1 1 11/1	0 . ()X				
R c.				1 4 6					
					TAYO				
WM Pro	file #				1019				
d.									
WM Pro	file #	111							
J. Additional Descriptions for Materials Listed Abov	e		K. Disposal Lo	cation					
		100							
Landfill Solidification			Cell	L	.evel				
Bio Remediation			011						
15. Special Handling Instructions and Additional Ir	nformation	SKT TICKE	Grid	-I) WHITE E	ACRITORD .				
		Cana Calabra	CONTRACTOR AND		THOU LOVE				
	POS 4503744475		DOWN AND	LLUAMIS BI	01-807-1187				
Purchase Order #	EMERGENCY CONTAC	CT:							
16. GENERATOR'S CERTIFICATION:									
I hereby certify that the above-de	scribed materials are not hazardou	e wastes as	defined by	10 CEP P	Part 261 or any				
applicable state law, have been f	ully and accurately described, class	sified and p	ackaged ar	d are in n	roper condition				
for transportation according to ap	pplicable regulations.	omou and p	aonagoa, ai	id die in pi	oper condition				
Printed/Typed Name	Signature "On behalf of	of"	1		W 10 / D 24/				
Danswill! [] were	Signature On Denair C	JI	50/471	1	Month Day Year				
17. Transporter 1 Acknowledgement of Receipt of I	Materials	-	2010011	0	14 14001				
Printed/Typed Name	Signature	-			Month Day Year				
Silly Millan	BUL	Will	~		19798109				
18. Transporter 2 Acknowledgement of Receipt of M	Materials				111114/				
Printed/Typed Name	Signature		1		Month Day Year				
					111111				
19. Certificate of Final Treatment/Disposal	0								
I certify, on behalf of the above list was managed in compliance with	sted treatment facility, that to the be all applicable laws, regulations, pe	est of my kn	owledge, th	e above-de ne dates lis	escribed waste sted above.				
			4						
		1	1 1						
	ipt of non-hazardous materials covered by this ma	1	4.1		Month Day Year				



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

Original Ticket# 246808

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier INDUSTRIAL WASTE INC

Ticket Date 07/09/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 10823957

Destination

4503744475

Profile CF6400 (Special Waste Misc)
Generator 181-SOLUTIA SOLUTIA

Time

In 07/09/2009 11:28:42

Scale Scale1 Out 07/09/2009 11:44:28 Scale1

Operator jshields jshields

Vehicle# MACK2

Billing # 0000408

Gen EPA ID NR

Container

Driver

Check#

Grid

Inbound Gross

Tare Net

71140 16 31620 lb 39520 1b

Tons

19.76

Comments

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

Produc	t	LD%	Qty	UOM	Rate	Fee	Amount *	Origin
2 F	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	19.76 1	Tons % Load	the falls over the even your after the little local	NOTE STORY SHOW 1466, MANUAL SHOPE SHARE SHOWN AND A	The second second	CALAL CALAL CALAL

Total Fees Total Ticket

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NON-HAZARDOJS MANIFEST

ease print or type. (Form designed for use on elite (12-pitch)						99000
NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	450	37	44475
Generator's Name and Mailing Address	- 17 va 18 va 1		A. Manifest Nu WMI B. State Gener	VA .	108	23957
4. Generator's Phone 256 231-8483			D. Olate Gener	ator's ID		
Transporter 1 Company Name		D Number	C. State Trans			
7. Transporter 2 Company Name		PALII	D. Transporter		6 835	-1800
Transporter 2 company Name	8. US EPA	D Number	F. Transporter's			
Designated Facility Name and Site Address	10. US EPA	D Number	G. State Facility			
THREE CORNERS REGIONAL LA 2206 COUNTY ROAD 6			H. Facility's Pho			
PIEDMONT AL 36272		TITITI		25	8 447-	1881
11. Description of Waste Materials		12. Con	Market I	13. Total	14. Unit	1.
a PCB CONTAMINATED SOIL AND	DEBRIS	No.	Type	Quantity	Wt./Vol.	Misc. Comments
WM Pro	file # CF8400	0,0,1	CM O	9920	CY	Pine LV.
b. WM Pro	iile #			19	76	1/12
c. WM Pro	ile#					
d.						
a. WM Prot	ile#			1 1		
J. Additional Descriptions for Materials Listed Above			K. Disposal I	ocation		
Landfill Solidification			Cell		Level	
Bio Remediation			Grid			
15. Special Handling Instructions and Additional In	formation	WEIGHT TICKE	T REQUIR	ED WITT	HEAC	HLOAD
	PO# 4503744475		DOWN W	BLLIAMS	601-6	107-1187
Purchase Order #	EMERCENCY	CONTACT	- 40	The second second	400	
16. GENERATOR'S CERTIFICATION:	EMERGENCY	CONTACT:				
I hereby certify that the above-de applicable state law, have been for transportation according to ap	ally and accurately described	, classified and p	s defined b ackaged, a	y 40 CFF and are ir	n prope	er condition
	n>	Denail of War	Solu	TIA	(Month Day Year
Printed/Typed Name	Signature	es my	-		1	Month Day Year
 Transporter 2 Acknowledgement of Receipt of No. Printed/Typed Name 	aterials Signature				1	Month Day Year
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above lis was managed in compliance with	ted treatment facility, that to all applicable laws, regulatio	the best of my kn	owledge, t	he above the dates	e-desc s listed	ribed waste d above.
20. Facitilty Owner or Operator: Certification of recei	ot of non-hazardous materials covered b	this manifest.	11 /			
Printed/Typed Name	Signature	metal	Ante	De	10	Month Day Year



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

Original Ticket# 246817

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier Vehicle# MACK2

Ticket Date 07/09/2009

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest 387790

Destination

PO

4503744475

Profile

CF6400 (Special Waste Misc)

Generator

181-SOLUTIA SOLUTIA

Time

07/09/2009 13:49:47

Scale Scale1

Out 07/09/2009 14:07:17 Scale1

Operator jshields jshields

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Inbound

0000408

INDUSTRIAL WASTE INC

Gross Tare

Net

64940 1b 33800 15 31140 15

Tons 15, 57

Comments

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

Product		LD%	Qty	MOU	Rate	Fee	Amount	Origin
2 FI	DN-TSCA PCB SO JEL-Fuel Surch vf8-Env Fee \$8	harg 100	15.57 1	Tons % Load	man Mari Barri, Start Labou San i Papari anti dago. 2023 antos	600 THE BEST COLD THE STEEL AND WAS THE F	HE NOT THE PAST AND THE PAST AND THE ROLL THE ROLL THE PAST AND THE PA	CALAL CALAL CALAL

Total Fees Total Ticket

· pa ma Driver's Signature

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PON-HAZARDOUS MANIFEST

ase print or type. (Form designed for use on elite (12-pi	(ch) typewriter.) 11. Generator's US EPA ID No.	Manifest		_		
NON-HAZARDOUS MANIFEST		ocument No.	2. Page of	1 45	-030	74447
Generator's Name and Mailing Address	SOLUTIA, INC.		A. Manifes	st Number		20770
	702 CLYDESDALE AVE.		W	MNA38	7790	38779
	ANNISTON, AL 36201-5390		B. State G	enerator's ID		
4. Generator's Phone 256 231-	8483					
Transporter 1 Company Name	ACR JON US EPA ID Number	2		ransporter's ID		
7. Transporter 2 Company Name	THE THE TOTAL			orter's Phone		
7. Transporter 2 Company Name	8. US EPA ID Number	1 1 1		orter's Phone		
Designated Facility Name and Site Address	10. US EPA ID Number			acility's ID		
Designated Facility Name and Site Address THREE CORNERS REGIONAL L 2205 COUNTY ROAD 6	AMDFILL			/		
			H. Facility			
FIEDMONY, AL 36272	110020000	0000		256/44	7-188	1,
11. Description of Waste Materials		12. Cont	ainers	13. Total	14. Unit	1,
		No.	Туре	Quantity	Wt./Vol	Misc. Comme
a. PCB CONTAMINATED SOIL AND	DEBRIS			1/		
	WM Profile #	1	9		(5)	17/10
b. DOTE & REPORT CONTANTHATED	L7-6466		-		1//	101)
SOIL & DEBKIS CONTRILINATED	WITH PCB'S & 4-NITROPHENOL (PNP)					
	WM Profile # CU5529	111		1111		
c.	STATE OF THE STATE					
d.	WM Profile #					
a.						
	WM Profile #	1	1 . 1	1 1 1 1		
1 Additional Devices to the Children			K Disn	osal Location		
 J. Additional Descriptions for Materials Listed Al 	oove					
Landfill Solidificat	ion		Cell		L	evel
Bio Remediation						
45 0 111 11 11 11 11 11 11			Grid			-(
15. Special Handling Instructions and Additiona	Information			1601	Kn7	1787
CERTIFICATE OF DISPOSAL REQUESTED			1	1001	001	1.0
Purchase Order # 450374447	EMERGENCY CONTACT:	weat l	11:11	1/Ans		
16. GENERATOR'S CERTIFICATION:	1/0	MIN V		All to the		
I hereby certify that the above-	described materials are not hazardous	wastes a	e define	d by 40 (ER Pai	t 261 or any
applicable state law, have been	n fully and accurately described, classif	ied and p	ackage	d. and are	in pro	per condition
for transportation according to						
Printed/Typed Name	Signature "On/benalf of	111		/ ,		Month Day
Joseph Marie	Signature Off behalf of		GAI	1. Kis		Month Day
17. Transporter 1 Acknowledgement of Receipt	of Materials	0	201	11/11		C W
Printed/Typed Name	Signature	. (7.			Month Day
Billy m Dair	13/19	hy	5)		1971971
18. Transporter 2 Acknowledgement of Receipt						
Printed/Typed Name	Signature					Month Day
19. Certificate of Final Treatment/Disposal						
				4 32		
	listed treatment facility, that to the bes					
was managed in compliance w	th all applicable laws, regulations, perr	nits and li	censes	on the da	ites liste	ed above.
20. Facility Owner or Operator: Certificateion of	receipt of non-hazardous materials covered by this mar	nifest.				
Printed/Typed Name	Signature	180	XIA	Y		Month Day



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



0000408

Vehicle# MACK2

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Original Ticket# 246844

Volume

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier INDUSTRIAL WASTE INC Ticket Date 07/10/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest 387789

Destination

PO 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time 07/10/2009 09:40:11 Scale1 Out 07/10/2009 09:57:48 Scale1

Scale

Operator jshields jshields

Inbound

Gross Tare Net Tons

67920 1b 31120 16

36800 1b 18.40

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
NON-TSCA PCB SOII FUEL-Fuel Surchar Evf8-Env Fee \$8 I	ng 100		Tons % Load	and their committees great great great global great great	TOTAL STATE COME COME STATE COME, JAMES CASE -	en een viet mid der'i 1912 het een die mid een veer een	CALAL CALAL CALAL

Total Fees Total Ticket

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CION-HAZARDOCS MANIFEST

	T	(12-pilot		D.11								
ı		NON-HAZARDOUS MANIFEST	1. Generator's US EPA II	DNO. 4019048	Manifest Document No.	2. Page 1	45	-03	744475			
l	3.	Generator's Name and Mailing Address	SOLUTIA, INC 702 CLYDESDA	7 -		A. Manifest N	NA387	700	387789			
ı						B. State Gene		769	001100			
	4.	Generator's Phone 256 231-8	ANNISTON, AL	36201-5390		B. State Gene	erators ID					
t,	5.	Transporter 1 Company Name	6.	US EPA ID Number	er	C. State Trans	sporter's ID					
T	L				TILL	D. Transporte	r's Phone					
۲	7.	Transporter 2 Company Name	8.	US EPA ID Numbe	er	E. State Trans	sporter's ID					
ı						F. Transporter's Phone						
		Designated Facility Name and Site Address THREE CORNERS REGIONAL LA 2205 COUNTY ROAD 6	NDFILL 10.	US EPA ID Numbe	er	G. State Facil						
		PIEDMONT, AL 36272	99999	H. Facility's P	none 256/447-	-1881						
	11.	Description of Waste Materials			12. Conta	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments			
	a.	PCB CONTAMINATED SOIL AND DE	BRIS			1	- 11		710			
GENE	b.	v	/M Profile #	CF6400	Zii.	1/	X.1910		Pine AV.			
R	J.	SOIL & DEBRIS CONTAMINATED (ITH PCB'S & 4-NITE	ROPHENOL (PNP)	,		HMI	0				
A T O	1	,	VM Profile #	\ /			0/6	5				
R	c.			CH5520								
-				1								
	-	v	M Profile #		1.1	T I	1.1.1					
	d.						1 1 1					
		W	M Profile #				111					
	J.	Additional Descriptions for Materials Listed Abo	ve .			K. Disposa	Disposal Location					
		LandfillSolidification										
						Cell Level						
		Bio Remediation				Grid Dimo						
	15.	Special Handling Instructions and Additional Ir	formation			Grid	me					
		RTIFICATE OF DISPOSAL REQUESTED			/	NI-P	07-11	10-				
					6	410	0/ 11	0/				
		Purchase Order # 45037444	75 EMER	RGENCY CONTACT:	DONW:1	lime						
	16.	GENERATOR'S CERTIFICATION:			,	-	_					
		I hereby certify that the above-de	scribed materials	s are not hazardou	us wastes as	defined	by 40 CFI	R Part	261 or any			
		applicable state law, have been	ully and accurate	ely described, clas	sified and pa	ckaged,	and are in	prop	er condition			
		for transportation according to ap	plicable regulation	ons.								
		Printed/Typed Name		Signature "On beha	If of"	1			Month Day Year			
		DANIN (1/11 Ams		1400	1 6	nllit	10	1	Month Day real			
T	17.	Transporter 1 Acknowledgement of Receipt of	Materials	- Provide	0	VIVI						
A		Printed/Typed Name		Signature	00	1			Month Day Year			
SP		D. KYMTail		Dolla	my/a				9/10/10/9			
B	18.	Transporter 2 Acknowledgement of Receipt of	Materials	/								
TRANSPORTER		Printed/Typed Name		Signature					Month Day Year			
	19.	Certificate of Final Treatment/Disposal										
,			etad trantment for	oility that to the t	not of more le	suded	Ala a l	- 1-	wile and			
FACI		I certify, on behalf of the above li- was managed in compliance with	all applicable la	we regulations as	est of my kno	owieage,	the above	e-desc	cribed waste			
Ĭ	_		/		1	enses or	i ine date	s liste	u above.			
Ť	20.	Facility Owner or Operator: Certificateion of rec	eipt of non-hazardous m	naterials covered by this r	manifest.	. 01						
Y)	Printed/Typed Name		Signature	1 A	wild	1	1	Month Day Year			



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

Original Ticket# 246862

Volume

Customer Name SOLUTIA_CF6400_CW5520_408 SOL Carrier

Ticket Date 07/10/2009

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest 387788

Destination

PO

In

4503744475

Profile

CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA

Time

07/10/2009 13:29:18

Scale Scale1

Out 07/10/2009 13:45:43 Scale1

Operator jshields

Vehicle# MACK2

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

ishields

INDUSTRIAL WASTE INC

0000408

Inbound Gross

Tare Net

38760 15 31680 15 7080 1b

Tons

3.54

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
1 NON-TSCA PCB SOIL 2 FUEL-Fuel Surchar 3 Evf8-Env Fee \$8 L	g 100		Tons % Load			to the first and and first first one are and and and	CALAL CALAL CALAL

Total Fees Total Ticket

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NON-HAZARDOOS MANIFEST

ase print or type. (Form designed for use on elite (12-)		W		,	
NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	450	3744475
3. Generator's Name and Mailing Address	SOLUTIA, ING!		A. Manifest Nu		38778
	702 CLYDESDALE AVE.		B. State Gener	VA38778	38
4. Generator's Phone 256 231-	ANNISTON, AL 36201-5390 -8483		B. State Gener	ator's ID	
5. Transporter 1 Company Name	6. US EPA ID Number		C. State Transp	porter's ID	
			D. Transporter	s Phone	
7. Transporter 2 Company Name	8. US EPA ID Number		E. State Transp	porter's ID	
0. Designate 45 (%)			F. Transporter's		
Designated Facility Name and Site Address THREE CURNERS REGIONAL L 2205 COUNTY ROAD 6	ANDFILL 10. US EPA ID Number		G. State Facility H. Facility's Pho		
PIEDMONT, AL 36272	14993999	9999		56/447-1	881
11. Description of Waste Materials		12. Con	1	13. Total Quantity V	14. Unit Vt./Vol. Misc. Comme
a. PCB CONTANINATED SOIL AND	DEBRIS			1	710
	WM Profile # CF6499	111	13	541	Pine de
SOIL & DEBRIS CONTAMINATE	WITH PCB'S & 4-NITROPHENOL (PNP)			100	JI'IC NU
	WM Profile #	1 1		1013	
	C45520				
	WM Profile #	1.1			
	WM Profile #			1-1-1	
J. Additional Descriptions for Materials Listed A	ibove		K. Disposal	Location	
LandfillSolidifica	ation		Coll		Calley
Bio Remediation			Cell		Level
Bio Remediation			Grid	21010	
15. Special Handling Instructions and Additional	al Information			1 11112	
CERTIFICATE OF DISPOSAL REQUESTED					11
Purchase Order # 45037 44	MEDOENOV CONTACT /	11.807	1187	DONL	1/1/1/1
16. GENERATOR'S CERTIFICATION:	4/15 EMERGENCY CONTACT: (0)	11.801	1101	DONO	01111
	described and delegated and a			10.055	
applicable state law have bee	described materials are not hazardous n fully and accurately described, class	s wastes a	s defined b	y 40 CFR	Part 261 or any
for transportation according to	applicable regulations.	sineu anu p	ackageu, a	inu are in j	proper condition
	1			1	
Printed/Typed Name	Signature On behalf	of"	1	3 9/1/2	Month Day
17. Transporter 1 Acknowledgement of Receip	of Materials	8	(BOP)	- UN 11	17 1 1/1/DU
Printed/Typed Name	Signature	00-10	f		Month Day
Billy m ngc	- BUL 1	1000	1-		10171/010
18. Transporter 2 Acknowledgement of Receip			1		
Printed/Typed Name	Signature				Month Day
9. Certificate of Final Treatment/Disposal					
I certify, on behalf of the above was managed in compliance w	e listed treatment facility, that to the be	est of my kn rmits and li	owledge, t	he above- the dates	described waste listed above.
20. Facility Owner or Operator: Certificateion of	receipt of non-hazardous materials covered by this m	anifest.	1 7		
Printed/Typed Name	Signature	PN	Ail		Month Day
MINTON STICK	1 SATURE	716	VIMI	N,	1(1) 1 1(1)(1)



CORNERS LANDFILL COUNTY ROAD 6 PIEDMONT, AL, 36272 Ph: (256) 447-1891



TAYLOR RO

0000408

Vehicle# MACK-200T

Container

Billing #

Gen EPA ID NR

Driver

Check#

Grid

Original Ticket# 246914

Volume

Customer Name SOLUTIA_CF6400_CW5520 408 SOL Carrier Ticket Date 07/11/2009 Payment Type Credit Account Manual Ticket# Hauling Ticket* Route

State Waste Code Manifest Destination

07/11/2009 08:58:45

Out 07/11/2009 09:15:27

PO Profile Generator

Time

4503744475 CF6400 (Special Waste Misc)

181-SOLUTIA SOLUTIA

Scale Scale1 Scalei

jshields jshields

Operator

Inbound Gross Tare Net

31100 lb 47080 15 Tons 23.54

78180 16

Comments

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

Prod	uct	LD%	Qty	MOU	Rate	Fee	Amount	Origin
1 2 3	NON-TSCA PCB SOIL/ FUEL-Fuel Surcharg Evf8-Env Fee \$8 Lg	100	23.54	Tons % Load	and the case and any day out out on the see day on	h partir dellari como più di della della como più di	THE THE STATE SHEET SHEET SHEET STATE STATE SHEET SHEE	CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature

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

NON-HAZARDOUS MANIFEST

Γ	T	1. Generator's US EPA	ID No.	Manifest		_				
ı	L	NON-HAZARDOUS MANIFEST		cument N	۱۰.	2. Pag	ge 1	45	030	744475
ı	3.					A. Man	ifest Number	1		387786
ı		702 CLYDESD				W	MNA	387	786	201100
ı	4.		L 36201-5390			B. State	e Generator's	s ID		
L	5	T				-				
K	4	Transporter 1 Company Name 6.	US EPA ID Number	1 1	į.		e Transporte			
К	7.	Transporter 2 Company Name 8.	US EPA ID Number			-	e Transporte			
ı				h 1	1		sporter's Pho	/\		
ı	9.	Designated Facility Name and Site Address 10.	US EPA ID Number	1	-	_	e Facility's ID			
l		THREE CURNERS REGIONAL LANDFILL 2205 COUNTY ROAD 6								
ı		CUTETNICHO OL SERVE			. ·	H. Facil	lity's Phone	11000		
ı		PIEDMONT, AL 36272	1 9 9 9 9 9 9 9 9 9	0 0 1	0 8		256.	447-	-1881	
	111	. Description of Waste Materials		12.	Conf	tainers	13. Tota	al	14. Unit	1.
ı	a.	PAR PARPARELLAND HAR ALCOHOLOGO		No).	Туре	Quan	tity	Wt./Vol.	Misc. Comments
ı		PCB CONTAMINATED SOIL AND DEBRIS						571		710
E		WM Profile #	CF6499	T	1	T	20	54		Pine AVI
E	b.	SOIL & DEBRIS CONTAMINATED WITH PCB'S & 4-NITH		-	_	\vdash	11/	المراب		1
GENERATO			ALLE A							
R	C.	WM Profile #	CN5529	1	1		1.1	11		
_	10.									
		WM Profile #								
	d.					\square				
		WM Profile #		1	I	انا	1 1	1 1		
	J.	Additional Descriptions for Materials Listed Above			_	K. Dis	sposal Loca	ation	1	
		LandfillSolidification								
		Odialion	-			Cell			Le	vel
		Bio Remediation				23.				
	15	Special Handling Instructions and Additional Information				Grid				
		RTIFICATE OF DISPOSAL REQUESTED		1	0	1.01	17-11	187)	
				6	U	100	11			
	\vdash	Purchase Order # 45037 44475 EMER	RGENCY CONTACT:	DNI	V	Wi/	1/m	1		
	16.	GENERATOR'S CERTIFICATION:				-				
		I hereby certify that the above-described materials	s are not hazardous w	astes	as	defin	ed by 4	0 CFF	R Part	261 or any
		applicable state law, have been fully and accurate	ely described, classifie	d and	d pa	ackag	ed, and	are in	prope	er condition
		for transportation according to applicable regulation	ons.							
	_	Printed/Typed Name	Signature "On behalf of"							Month Day Year
		DONN/Williams	TWIL.	1					- 1	all / / d
T R	17.	The state of the s		9						
A N		Printed/Typed Name	Signature	0	7	+				Month Day Year
P	18.	Transporter 2 Acknowledgement of Receipt of Materials	184411	11	6	_				0171/1/1019
R	10.	Printed/Typed Name	Simeture							
ER		· · · · · · · · · · · · · · · · · · ·	Signature							Month Day Year
7	19.	Certificate of Final Treatment/Disposal			_					
.			oility that to the best		Lee					
A		I certify, on behalf of the above listed treatment factors was managed in compliance with all applicable law	ws regulations possible	or my	KNO	owled	ge, the	above	-desc	ribed waste
!	-				1 110	enses	s on the	dates	SIISTEC	above.
; }	20.	, and a permitted of the permitted of th		st.						
		Printed/Typed Name	Signature	1					1	Month Day Year
_		1000000	109-	Was		3			1/	571108

on la grad



CORNERS LANDFILL 205 COUNTY ROAD 6 PIEDMONT, AL, 36272 Ph: (256) 447-1881



Original Ticket# 246877

Volume

Customer Name SOLUTIA CF6400 CW5520 408 SOL Carrier TAYLOR RO Ticket Date 07/11/2009

Payment Type Credit Account Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest 307783

Destination

PO 4503744475

Profile CF6400 (Special Waste Misc)

Generator 181-SOLUTIA SOLUTIA Vehicle# MACK-200T Container Driver Check# Billing # 0000408 Gen EPA ID NR Grid

Time

07/11/2009 07:07:39 Out 07/11/2009 07:29:06

Scale Scale1 Scalei

Operator jshields jshields

Inbound

Gross Tare Net

37500 1b 31740 16 5760 1b

Tons 2.88

Comments

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

Product	LD%	Qty	MOU	Rate	Fee	Amount	Origin
NON-TSCA PCB SOI FUEL-Fuel Surchar Evf8-Env Fee \$8	rg 100		Tons % Load	are after the transmission and the transmission process	The date MAIN State Ballet coaler used glasset coaler, us	TO ACT THE THE THE THE THE THE THE THE THE TH	CALAL CALAL CALAL

Total Fees Total Ticket

Driver's Signature

403WM

(3)



ON-HAZARDOOS MANIFEST

Please	print or type. (Form designed for use on elite (12-pito	h) typewriter.)					
	NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Pag	e 1 L/6	03	744475
3	. Generator's Name and Mailing Address	SULUTIA, INC. 702 CLYDESDALE AVE.		A. Man	ifest Number	7783	387783
4	Generator's Phone 256 231-8	ANNISTON, AL 36201-5390		b. State	e Generators ID		
5		6. US EPA ID Number		C. State	Transporter's ID		
4	Transporter 2 Company Name			_	sporter's Phone		
1	Transporter 2 Company Name	8. US EPA ID Number			Transporter's ID		
9.	Designated Facility Name and Site Address THREE CURNERS REGIONAL LA 2205 COUNTY ROAD 6	NDFILL 10. US EPA ID Number		G. State	Facility's ID		
	PIEDMONT, AL 36272	140030000	9999	H. Facil	ity's Phone 256/447	-1881	
1	Description of Waste Materials		12. Con No.	tainers	13. Total Quantity	14. Unit Wt./Vol.	l.
a.	PCB CONTAMINATED SOIL AND DI	VM Profile #	1.1		2.88		710
b.	SOIL & DEBRIS CONTAMINATED (WITH PCB'S & 4-NITROPHENOL (PNP)		Н	11045	+	PINDHV,
A T O R C.	,	WM Profile #		Ŧ	1111		
	v	VM Profile #			1111		
d.	W	VM Profile #					
J.	Additional Descriptions for Materials Listed Abo			K. Dis	sposal Location		
	Landfill Solidification			Cell	. () - () - ()	Le	evel
	Bio Remediation			Grid			
	5. Special Handling Instructions and Additional In ERTIFICATE OF DISPOSAL REQUESTED	nformation	601-	807	1187		
16	Purchase Order # 4503744 6. GENERATOR'S CERTIFICATION:	4 75 EMERGENCY CONTACT:	onnu	1:1	lims		
	applicable state law, have been for transportation according to ap	escribed materials are not hazardous fully and accurately described, class oplicable regulations.	s wastes as ified and p	s defin ackag	ed by 40 CF ed, and are	R Pari	t 261 or any er condition
17	Printed/Typed Name Transporter 1 Acknowledgement of Receipt of	Signature "On behalf	of"	1/	Solutiv	1/	Month Day Year
18	Printed/Typed Name	Signature	mma	Ŝ			Month Day Year
	Printed/Typed Name	Signature					Month Day Year
19							
	was managed in compliance with	sted treatment facility, that to the bean all applicable laws, regulations, per	mits and li	owled cense	ge, the aboves on the date	e-desc es liste	cribed waste d above.
20		ceipt of non-hazardous materials covered by this ma	anifest.				
	Printed/Typed Name	Signature	-Dran	~			Month Day Year

APPENDIX E

DREDGE SPOIL AREA DATA FORMS AND PHOTOS

AREA IDENTIFICATIO	ON NUMBER:	Area 1 / Snow Cre	eek				
DATE OF INSPECTION	J. 9/11/2012		INSDECTION	ON BY: Roux	z Associates	Inc	
DATE OF INSPECTION	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	, ,	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
LOCATION	1147760.024	655051.9125	Left (L) or Right (R) Bank?	from 11th St. (Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)
	Latitude (via GPS)	Longitude (via GPS)	downstrin	measurement)	benchmarks)	of Bank (It)	(11)
	33° 39' 17.9800" N	85° 50' 13.1877" W	Left (L)	2,950	686	26.6	0 (at top pf bank level)
	(#10)		(#1]	.)		(=	#12)
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Lar	nd Use
INFORMATION	11-2103-07-1-02- 038 Calhoun Co.		Inc Box 850 / 16 Anniston, Alal		P.O.	Open Field	/ Undeveloped
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established?
PHYSICAL DESCRIPTION	57	30	6 (apprx)	Sand Silt Gravel	Non-woven Weeds ar		Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(=	#24)
AREA SLOPE DATA	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)	Slump, Er	Evidence of osion or Area Problem(s)?
	2:1	12	2:1	12	2:1		on, impeded by growth
AREA PHOTOGRAPH						•	
					Z Th		

ATE OF INSPECTION	N: 0/11/2012		INSPECTION	ON RV Pou	x Associates,	Inc	
DATE OF INSPECTION	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz, Dist.	Elevation
LOCATION	1147762.065	654955.476	Right (R) Bank?	from 11th St. Ditch	th St. (approx) (ft- h MSL) (from	From Toe of Area to	Drop Along (#8)
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)
	Latitude (via GPS)	Longitude (via GPS)	downstriii)	measurement)	benchmarks)	of Bank (It)	(11)
	33° 39' 18.0002" N	85° 50' 14.3286" W	Right (R)	2,950	690	22	15 (above bank level)
	(#10)		(#11	1)		(=	#12)
I AND OWNEDSHID	Parcel No.		Owner Nam	e/Address		Lar	nd Use
INFORMATION	11-2103-07-1-02- 037 Calhoun Co.		Inc Box 850 / 16 Anniston, Alal		P.O.	Hillside sl	ope / wooded
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	Cover Ty	(#17) Cover Type and Description	
PHYSICAL DESCRIPTION	50	27	3	Sand Silt Gravel	Thick woo		Established Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(=	#24)
AREA SLOPE DATA	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)	Slump, Er Stability	Evidence of osion or Area Problem(s)?
	2:1	4	2: 1	4	2:1	significantly of pile has s	k has eroded . Eastern slop lumped towar creek
AKLA HIOTOURAPH							

ON NUMBER:	Area 7 / Snow Cre					
V: 9/11/2012		INSPECTION	ON BY: Rou	ıx Associates	, Inc	
(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
1136330.112	657315.626	Right (R) Bank?	Bank? Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
(#3)	(#4)	_				(approx.) (ft)
Latitude (via GPS)	Longitude (via GPS)	downstriny	measurement)	benchmarks)	or Bank (It)	(It)
33° 37' 24.9002" N	85° 49' 46.4126" W	Right (R) ¹	15,500	650	0	0 (at top of bank level)
(#10)		(#1]	1)		(=	#12)
Parcel No.		Owner Nam	e/Address		Lar	nd Use
* Multiple See Attached list U.S. Castings/U.S. Pipe; Primax Properties, LLC; James Jennings; Donald O. & Zandra Sills; (Frank) Chien-Hwa Ch						/ undeveloped
(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	Cover T	ype and	(#18) Is Vegetation Well Established
186	30	3	Sand Silt Gravel	Trees, ivy, vi	nces, weeds	Yes
(#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)	Slump, Er	Evidence of osion or Area Problem(s)?
Primarily flat, parallel to creek	N/A	Near Vert. at creek bank	N/A	Portions near vertical at creek bank	cut significar on east significant indicated	of bank possible at portion of pill side. Width dy smaller than I in previous stigation.
			-			
	(#1) Northing (via GPS) 1136330.112 (#3) Latitude (via GPS) 33° 37' 24.9002" N (#10) Parcel No. * Multiple See Attached list (#13) Length (ft) 186 (#19) Average Slope Along Length (H): (V)	(#1) (#2) Northing (via GPS) Easting (via GPS) 1136330.112 657315.626 (#3) (#4) Latitude (via GPS) Longitude (via GPS) 33° 37' 24.9002" N 85° 49' 46.4126" W (#10) Parcel No. * Multiple See Attached list U.S. Castings/U Jennings; Donald Company (Math (M	(#1)	(#1)	(#1)	(#1)

DATE OF INSPECTION	N: 9/11/2012		INSPECTION	ON BY: Rou	x Associates,	Inc	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
LOCATION	1136248.406	657329.164	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)
	Latitude (via GPS)	Longitude (via GPS)	downstrin	measurement)	benchmarks)	of Bank (It)	(11)
	33° 37' 24.0919" N	85° 49' 46.2525" W	Left (L) ¹	15,500	646	0	0 (at top of bank level)
	(#10)		(#1])		(i	#12)
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Lar	nd Use
INFORMATION	* Multiple See attached list U.S. Castings/U.S. Pipe; Primax Properties, LLC; James Jennings; Donald O. & Zandra Sills; (Frank) Chien-Hwa Cher (#13) (#14) (#15) (#16) (# Length Width Height Soil Type In Cover 1						
	(#13)	(#14)	(#15)	(#16)	(#1	7)	(#18)
	Length	Width	Height		Cover T	ype and	Is Vegetation Well
	(ft)	(ft)	(ft)	Area	Descri	ption	Established
DESCRIPTION	228	70	3	Sand Silt Gravel	Trees, ivy, vi	nces, weeds	Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(+	#24)
AREA SLOPE DATA -	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)	Slump, Er	Evidence of osion or Area Problem(s)?
	Primarily flat, parallel to creek	N/A	Near Vert. at creek bank	N/A	Portions near vertical at creek bank	cut significar on west significantl indicated	of bank possib nt portion of pil side. Width ly smaller than I in previous stigation.

DATE OF INSPECTION	V: 9/12/2012		INSPECTION	ON BY: Rou	ıx Associates	, Inc	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R)	Distance (ft) Downstram from 11th St.	Top/Crest Elevation (approx) (ft-	Horiz. Dist. From Toe	Elevation Drop Along
LOCATION	1120576.528	631656.9024	Bank?	Ditch	MSL) (from	of Area to	(#8)
Ecciliati	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)
	Latitude (via GPS)	Longitude (via GPS)	downstrii)	measurement)	benchmarks)	of Bank (It)	(11)
	33° 34' 48.9501" N	85° 54' 49.7044" W	Right (R)	45,500	589.4	70	0 (at top of bank level)
	(#10)		(#11)		(†	#12)
I AND OUNDERING	Parcel No.		Owner Name	e/Address		Lar	nd Use
INFORMATION	D OWNERSHIP FORMATION 61-06-02-04-0- 000-006-000 Talladega Co. Wanda Champion 2863 Silver Run Road Oxford, Alabama 36203						ı / agricultural
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)		(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established?
LOCATION LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA	130	100	N/A Depth = 4' per NRCS	Sand Silt	Grass, tal	l weeds	Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(†	¥24)
AREA SLOPE DATA	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)	Slump, Ere	Evidence of osion or Area Problem(s)?
	Flat	N/A	Flat	N/A	Flat		No
AREA PHOTOGRAPH							

ATE OF INSPECTION	J· 9/12/2012		INSPECTION	ON RV∙ Ro	ıx Associates	Inc	
ATE OF INSTECTION	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	` '	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
LOCATION AND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION REA SLOPE DATA	1121685.715	635898.063	Right (R) Bank?	from 11th St.	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)
	Latitude (via GPS)	Longitude (via GPS)	downstrini)	measurement)	benchmarks)	of Bank (It)	(11)
	33° 34' 59.9733" N	85° 53' 59.5825" W	Left (L)	39,500	575.2	75	0 (at top of bank level)
	(#10)		(#11	1)		(i	#12)
I AND OWNEDCHID	Parcel No.		Owner Name	e/Address		Lar	nd Use
INFORMATION	61-02-04-0-000- 013-000 Talladega Co.	Ŋ	Pasture / agricu				
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established
AREA SLOPE DATA	100	85	N/A Depth = 3to 5' per NRSC	Sand Silt Gravel	Grass and	tall weeds	Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(-	#24)
AREA SLOPE DATA	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)	Slump, Er	Evidence of osion or Area Problem(s)?
	Flat	N/A	Flat	N/A	Flat		No
REA PHOTOGRAPH			<u> </u>				

DATE OF INSPECTION	N: 9/12/2012		INSPECTION	ON BY: Roux	Associates,	inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation		
LOCATION	1120929.394	635528.335	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
20011101V	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)	downstriny	measurement)	benchmarks)	or Bunk (it)	(11)		
	33° 34' 52.4686" N	85° 54' 03.9470" W	Left (L)	38,500	575.6	200	0 (at top of bank level)		
	(#10)		(#11)		(#	#12)		
LAND OWNERSHIP	Parcel No.		Owner Name	e/Address		Lan	nd Use		
INFORMATION	61-06-02-04-0- 000-013-000 Talladega Co.	N	Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268				asture / agricultural		
PHYSICAL DESCRIPTION	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established		
	100	120	N/A Depth = 3to 5' per NRSC	Sand Gravel Silt	Grass and	tall weeds	Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#	#24)		
AREA SLOPE DATA	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 Are: Stability Problem(s)?			
	Flat	N/A	Flat	N/A	Flat	-	No		
AREA PHOTOGRAPH									

AREA IDENTIFICATIO		Area 7 / Choccolo						
DATE OF INSPECTION	•		INSPECTI		x Associates,			
	(#1) Northing (via GPS)	(#2) Easting (via GPS)	(#5)	(#6) Distance (ft)	(#7) Top/Crest	(#8)	(#9)	
	1119579.737	635212.4332	Left (L) or Right (R) Bank?	Downstram from 11th St. Ditch	Elevation (approx) (ft- MSL) (from	Horiz. Dist. From Toe of Area to	Elevation Drop Along (#8)	
LOCATION	(#3)	(#4)	(looking	Confluence	NRCS	Creek Top	(approx.)	
	Latitude (via GPS)	Longitude (via GPS)	downstrm)	(from map measurement)	reference benchmarks)	of Bank (ft)	(ft)	
	33° 34' 39.1138" N	85° 54' 07.6704" W	Left (L)	36,500	574.8	500	0 (at top of bank level)	
	(#10)		(#1	1)		(-	#12)	
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Lar	nd Use	
INFORMATION	61-06-02-04-0- 000-016-000 Talladega Co.	N	Perry & Pat 2310 Silver Munford, Alal	Run Rd.		Pasture / agricultural		
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established	
DESCRIPTION	160	20	N/A Depth = 4' per NRCS	Sand Gravel Silt	Grass and	d weeds	Yes	
	(#19)	(#20)	(#21)	(#22)	(#23)	(1	#24)	
AREA SLOPE DATA	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)	Slump, Er	Evidence of osion or Area Problem(s)?	
	Flat	N/A	Flat	N/A	Flat		No	
AREA PHOTOGRAPH								
					09/12	/2012		

(#14)	Perry & Patr 2310 Silver	(#6) Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) 36,500 1) e/Address	x Associates, (#7) Top/Crest Elevation (approx) (ft-MSL) (from NRCS reference benchmarks)	(#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft)	Elevation Drop Along (#8) (approx.) (ft) 3 (to top of bank level)		
Easting (via GPS) 636273.837 (#4) Longitude (via GPS) 85° 53' 55.1254" W	Left (L) or Right (R) Bank? (looking downstrm) Left (L) (#11 Owner Name Perry & Patr 2310 Silver	Distance (ft) Downstram from 11th St. Ditch Confluence (from map measurement) 36,500 1) e/Address	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) 3 (to top of		
(#4) Longitude (via GPS) 85° 53' 55.1254" W	Right (R) Bank? (looking downstrm) Left (L) (#11 Owner Name Perry & Patr 2310 Silver	from 11th St. Ditch Confluence (from map measurement) 36,500 1) e/Address	(approx) (ft- MSL) (from NRCS reference benchmarks)	From Toe of Area to Creek Top of Bank (ft)	Drop Along (#8) (approx.) (ft) 3 (to top of		
Longitude (via GPS) 85° 53' 55.1254" W	downstrm) Left (L) (#11 Owner Name Perry & Patr 2310 Silver	(from map measurement) 36,500 1) e/Address	reference benchmarks)	of Bank (ft)	(ft) 3 (to top of		
(via GPS) 85° 53' 55.1254" W (#14)	Left (L) (#11 Owner Name Perry & Patr 2310 Silver	measurement) 36,500 1) e/Address	benchmarks)	0	3 (to top of		
(#14)	(#11 Owner Name Perry & Patr 2310 Silver	1) e/Address	574.8				
(#14)	Owner Name Perry & Patr 2310 Silver	e/Address		(-			
(#14)	Perry & Patr 2310 Silver			`	#12)		
(#14)	2310 Silver	ricia Kerr	Owner Name/Address Perry & Patricia Kerr				
	Perry & Patricia Kerr 2310 Silver Run Rd. Munford, Alabama 36268						
Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetatio Well Established		
75	N/A Depth = 0-7' per NRCS	Sand Gravel Silt	Grass and	d weeds	Yes		
(#20)	(#21)	(#22)	(#23)	(-	#24)		
Slope Length (Along Length) (ft)	Average Slope Along Width (H):(V)	Slope Length (Along Width) (ft)	Steepest Slope (H) : (V)	Slump, Er	Evidence of osion or Area Problem(s)?		
N/A	Flat	N/A	5:1 near creek edge		No		
	(#20) Slope Length (Along Length) (ft)	(#20) (#21) Average Slope Length (Along Length) Along (ft) Width (H):(V)	NRCS Silt (#20) (#21) (#22) Average Slope Length (Along Length) (Along Width) (ft) (ft) Width (H): (V)	NRCS Silt	NRCS Silt		

DATE OF INSPECTION	N: 9/12/2012		INSPECTION	ON BY: Rou	x Associates,	Inc	
01 11 (61 12 11 01	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
LOCATION	1118980.283	637278.393	Right (R) Bank?	from 11th St. Ditch	(approx) (ft- MSL) (from	From Toe of Area to	Drop Along (#8)
LOCATION	(#3)	(#4)	(looking	Confluence	NRCS reference	Creek Top of Bank (ft)	(approx.)
	Latitude (via GPS)	Longitude (via GPS)	downstrm)	(from map measurement)	benchmarks)	of ballk (It)	(ft)
	33° 34' 33.1961" N	85° 53' 43.2474" W	Left (L)	34,000	577.8	200	0 (at top of bank level)
	(#10)		(#11)		(‡	#12)
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Lan	d Use
INFORMATION	61-06-02-03-0- 000-033-000 Talladega Co.	N	Perry & Patr 2310 Silver Junford, Alab	Run Rd.		Flood plain	/ undevelope
PHYSICAL DESCRIPTION	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established
	250	110	2 above top of bank, Depth =3 per NRSC	Sand Silt Gravel	Grass and	d weeds	Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(#	‡ 24)
AREA SLOPE DATA	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)	Slump, Ero	Evidence of osion or Area Problem(s)?
AREA SLOPE DATA	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							

N: 9/12/2012		INSPECTION	ON BY: Rou	x Associates,	Inc			
(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation		
1118979.907	639068.1385	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
(#3)	(#4)					(approx.) (ft)		
Latitude (via GPS)	Longitude (via GPS)	downstrin	measurement)	benchmarks)	of Bank (It)	(11)		
33° 34' 33.2024" N	85° 53' 22.0937" W	Left (L)	32,000	580	80	0 (at top of bank level)		
(#10)		(#1]	.)		(=	#12)		
Parcel No.		Owner Nam	e/Address		Lar	nd Use		
61-06-02-03-0- 000-034-000 Talladega Co.	Doris R. Burrows P.O. Box 3118 Oxford, Alabama 36203					Flood plain / undeveloped		
(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	Cover Ty	ype and	(#18) Is Vegetatio Well Established		
100	90	to 5 per	Sand Silt Gravel	Grass and	d weeds	Yes		
(#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)	Slump, Er	Evidence of osion or Area Problem(s)?		
Mostly Flat	N/A	Mostly Flat	N/A	3:1 slope at west and south edge		No		
	(#1) Northing (via GPS) 1118979.907 (#3) Latitude (via GPS) 33° 34' 33.2024" N (#10) Parcel No. 61-06-02-03-0- 000-034-000 Talladega Co. (#13) Length (ft) 100 (#19) Average Slope Along Length (H): (V)	(#1) (#2) Northing (via GPS) Easting (via GPS) 1118979.907 639068.1385 (#3) (#4) Latitude (via GPS) Longitude (via GPS) 33° 34' 33.2024" 85° 53' 22.0937" W (#10) Parcel No. 61-06-02-03-0-000-034-000 Talladega Co. (#14) (#13) (#14) Length (ft) Width (ft) 100 90 (#19) (#20) Average Slope Along Length (H): (V) Slope Length (Along Length) (ft) (H): (V) (ft)	(#1) (#2) (#5) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Bank? (#3) (#4) (looking downstrm) Latitude (via GPS) Longitude (via GPS) (looking downstrm) 33° 34' 33.2024" 85° 53' 22.0937" W Left (L) (#10) (#11 Left (L) Parcel No. Owner Name O	(#1) (#2) (#5) (#6) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Bank? Distance (ft) Downstram from 11th St. Ditch (looking downstrm) (#3) (#4) Longitude (via GPS) (looking downstrm) Confluence (from map measurement) 33° 34' 33.2024" N 85° 53' 22.0937" W Left (L) 32,000 (#10) (#11) Owner Name/Address 61-06-02-03-0-000-034-000 Doris R. Burrows P.O. Box 3118 Doris R. Burrows P.O. Box 3118 Talladega Co. Oxford, Alabama 36203 (#13) (#14) (#15) (#16) Length (ft) Width (ft) Height (ft) Soil Type In Area 100 90 N/A Depth = 4 to 5 per NRSC Gravel Slope Length (Along Length) (Along Length (Along Length) (H): (V) Average Slope Along Length (Along Length) (Along Width) (ft) Slope Length (Along Width) (ft)	(#1) (#2) (#5) (#6) (#7) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Distance (ft) Downstram from 11th St. Ditch (Iooking (Io	(#1)		

A TE OF NIGHT CTION	V. 0/12/2012		D IGDE CEL	OM DM D				
DATE OF INSPECTION		(#2)		ON BY: Roux			(40)	
	(#1) Northing (via GPS)	Easting (via GPS)	(#5) Left (L) or	(#6) Distance (ft) Downstram	(#7) Top/Crest Elevation	(#8) Horiz, Dist.	(#9)	
LOCATION	1119067.854	639824.8552	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)	
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)	
	Latitude (via GPS)	Longitude (via GPS)	downstriii)	measurement)	benchmarks)	of Balik (It)	(11)	
	33° 34' 34.0765" N	85° 53' 13.1504" W	Right (R)	31,000	578.6	150	0 (at top of bank level)	
	(#10)		(#11	1)		(†	#12)	
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Lar	nd Use	
INFORMATION	61-06-02-03-0- 000-029-000 Talladega Co.		nty Economi P.O. Box anniston, Alal		Council	Undeveloped		
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetatio Well Established	
DESCRIPTION	70	150	N/A Depth = 3 to 4 per NRSC	Sand Silt Gravel	Grass and t	tall weeds	Yes	
	(#19)	(#20)	(#21)	(#22)	(#23)	(+	# 24)	
AREA SLOPE DATA	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)	Slump, Ere	Evidence of osion or Area Problem(s)?	
	Flat	N/A	Flat	N/A	Flat		No	
AREA PHOTOGRAPH	-			-				

ON NUMBER: A	Area 16 / Choccolo	cco Creek				
N: 9/12/2012		INSPECTION	ON BY: Ro	oux Associate	es, Inc	
(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
Northing (via GPS)	Easting (via GPS)		Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation
1118743.848	640883.2374	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
(#3)	(#4)					(approx.)
Latitude (via GPS)	Longitude (via GPS)	downstriii)	measurement)	benchmarks)	of bank (It)	(ft)
33° 34' 30.8762" N	85° 53' 00.6391" W	Right (R)	30,000	581.8	100	0 (at top of bank level)
(#10)		(#11	1)		(=	#12)
Parcel No.		Owner Nam	e/Address		Lar	nd Use
61-06-02-03-0- 000-029-000 Talladega Co.		P.O. Box	x 2283	Council	Undeveloped	
(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	Cover T	ype and	(#18) Is Vegetatio Well Established
165	100	apprx. 2' tall; Depth = 2 to 5 per NRSC	Sand Silt Gravel	Grass and	tall weeds	Yes
(#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 Ar Stability Problem(s)	
Flat	N/A	4:1	8 approx.	4:1		No
	N: 9/12/2012 (#1) Northing (via GPS) 1118743.848 (#3) Latitude (via GPS) 33° 34' 30.8762" N (#10) Parcel No. 61-06-02-03-0- 000-029-000 Talladega Co. (#13) Length (ft) 165 (#19) Average Slope Along Length (H): (V)	N: 9/12/2012	(#1) (#2) (#5) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Bank? 1118743.848 640883.2374 Right (R) Bank? (looking downstrm) (#3) (#4) Longitude (via GPS) 33° 34' 30.8762" N 85° 53' 00.6391" W Right (R) (#10) (#11) Parcel No. Owner Nam 61-06-02-03-0-000 Talladega Co. Calhoun County Economi P.O. Boo Anniston, Alal (#13) (#14) (#15) Length (ft) Width (ft) (#15) 165 100 apprx. 2' tall; Depth = 2 to 5 per NRSC (#19) (#20) (#21) Average Slope Along Length (Along Length) (H): (V) Along Width (H): (V)	(#1)	(#1)	St. 9/12/2012 INSPECTION BY: Roux Associates, Inc

OATE OF INSPECTION	N: 9/12/2012		INSPECTION	ON BY: Ro	ux Associates	s, Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation		
LOCATION	1119480.3	644907.6022	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)	downstriii)	measurement)	benchmarks)	of Balik (It)	(11)		
	33° 34' 38.1790" N	85° 52' 13.0771" W	Right (R)	24,000	588	500	0 (at top of bank level)		
	(#10)		(#11	.)		(=	#12)		
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Land Use			
INFORMATION	61-06-01-02-0- 000-009-000		City of A 1128 Gurr Anniston, Alal	ee Ave.		Airport	Airport buffer zone		
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well		
DESCRIPTION	130	150	3 Depth =2 per NRSC	Sand Silt Gravel	Grass and t	call weeds	Established ^a Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(-	#24)		
AREA SLOPE DATA	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)	Slump, Er	Evidence of osion or Area Problem(s)?		
	Mostly flat	N/A	Mostly flat	N/A	3:1 (at northern edge)		No		
AREA PHOTOGRAPH		-							

OATE OF INSPECTION	N: 9/13/2012		INSPECTION	ON BY: Rou	x Associates,	Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation		
LOCATION	1118790.881	646112.8811	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)	downstrin	measurement)	benchmarks)	of Bank (It)	(11)		
	33° 34' 31.3623" N	85° 51' 58.8287" W	Left (L)	23,000	588	250	0 (at top of bank level)		
	(#10)		(#11)		(†	#12)		
LAND OWNERSHIP	Parcel No.		Owner Name		Lar	nd Use			
INFORMATION	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)	(ft)	(#16) Soil Type In Area	(#1 Cover Ty Descri	ype and	(#18) Is Vegetatio Well Established		
	100	65	N/A Depth = 5 to 6 per NRSC	Sand Silt Gravel	Grass and t	tall weeds	Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(†	#24)		
AREA SLOPE DATA	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)	Slump, Ere	Evidence of osion or Area Problem(s)?		
	Flat	N/A	Flat	N/A	Flat		No		
AREA PHOTOGRAPH									

AREA IDENTIFICATIO	on Newider.	Area 23 / Choccon	CCC CICCK						
DATE OF INSPECTION	N: 9/13/2013		INSPECTION	ON BY: Rou	x Associates,	Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz. Dist.	Elevation		
LOCATION	1121847.184	650250.8679	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
LOCATION	(#3)	(#4)	(looking downstrm)	Confluence (from map	NRCS reference	Creek Top of Bank (ft)	(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)	downstriny	measurement)	benchmarks)	or Bunk (It)	(11)		
	33° 35' 01.6099" N	85° 51' 09.9273" W	Left (L)	16,000	593.2	20	2 (above bar level)		
	(#10)		(#11)			(=	#12)		
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Land Use			
INFORMATION	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	(#1 Cover Ty Descri	ype and	(#18) Is Vegetatio Well Established		
	185	100	N/A Depth = 3 per NRSC	Sand & Silt	Grass, weeds		Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(=	#24)		
AREA SLOPE DATA	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)	Slump, Er	Evidence of osion or Area Problem(s)?		
	10 : 1	40 approx.	10 : 1	40 approx.	10 : 1		No		
AREA PHOTOGRAPH									

J: 9/13/2013		INSPECTION	ON BY: Rou	x Associates,	Inc			
(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft)	Top/Crest Elevation	Horiz, Dist.	Elevation		
1121894.629	651514.1979	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)		
(#3)	(#4)					(approx.)		
Latitude (via GPS)	Longitude (via GPS)	downstriii)	measurement)	benchmarks)	of bank (It)	(ft)		
33° 35' 02.0814" N	85° 50' 54.9943" W	Left (L)	14,500	594.2	~ 5 (next to flood berm)	2 (above ban level)		
(#10)		(#1]	.)		(-	#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		
(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	Cover T	ype and	(#18) Is Vegetation Well Established		
280	165	~ 10	Sand Silt Gravel	Gra	ass	Yes		
(#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)	Slump, Er	Evidence of osion or Area Problem(s)?		
3 : 1 w/ flat top	~ 50	3:1	~ 50	3:1		No		
		!			Į.			
	(#1) Northing (via GPS) 1121894.629 (#3) Latitude (via GPS) 33° 35' 02.0814" N (#10) Parcel No. 61-06-01-01-0- 000-003-000 Talladega Co. (#13) Length (ft) 280 (#19) Average Slope Along Length (H): (V)	(#1) (#2) Northing (via GPS) Easting (via GPS) 1121894.629 651514.1979 (#3) (#4) Latitude (via GPS) Longitude (via GPS) 33° 35' 02.0814" N 85° 50' 54.9943" N (#10) Parcel No. 61-06-01-01-0-000-003-000 Talladega Co. (#14) Width (ft) Length (ft) Width (ft) 280 165 (#19) (#20) Average Slope Along Length (Along Length) (H): (V) (ft)	(#1) (#2) (#5) Northing (via GPS) Easting (via GPS) Left (L) or Right (R) Bank? (#3) (#4) (looking downstrm) Latitude (via GPS) Longitude (via GPS) (looking downstrm) 33° 35' 02.0814" N 85° 50' 54.9943" W Left (L) (#10) (#11) (#11) Parcel No. Owner Name 61-06-01-01-0-000-003-000 Talladega Co. Joe N. B 1608 Joe Oxford, Alabit (ft) (#13) (#14) (#15) Length (ft) Width (ft) (#15) Alength (Along Length) (H): (V) Average Slope Along Length (Along Length) (H): (V)	(#1)	(#1)	(#1)		

AREA IDENTIFICATIO	ON NUMBER:	Area 25 / Choccolo	occo Creek				
DATE OF INSPECTION	N: 9/13/2012		INSPECTIO	ON BY: Rou	x Associates,	Inc	
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
	Northing (via GPS)	Easting (via GPS)	Left (L) or	Distance (ft) Downstram	Top/Crest Elevation	Horiz, Dist.	Elevation
LOCATION	1122206.739	652309.5733	Right (R) Bank?	from 11th St. Ditch	(approx) (ft-MSL) (from	From Toe of Area to	Drop Along (#8)
LUCATION	(#3)	(#4)	(looking	Confluence	NRCS	Creek Top	(approx.)
	Latitude (via GPS)	Longitude (via GPS)	downstrm)	(from map measurement)	reference benchmarks)	of Bank (ft)	(ft)
	33° 35' 05.1703" N	85° 50' 45.5931" W	Left (L)	13,500	595.5	70	0 (top of bank level)
	(#10)		(#11	1)		(1	#12)
LAND OWNERSHIP INFORMATION	Parcel No.		Owner Name	e/Address		Lar	nd Use
	61-05-03-06-0- 000-004-000	P	Flood plain / undeveloped				
PHYSICAL	(#13) Length (ft)	(#14) Width (ft)	(#15) Height (ft)	(#16) Soil Type In Area	(#1' Cover Ty Descri	ype and	(#18) Is Vegetation Well Established?
DESCRIPTION	110	100	N/A Depth = 4 to 5 per NRCS	Sandy Loam	Grass, weeds	,	Yes
	(#19)	(#20)	(#21)	(#22)	(#23)	(†	#24)
AREA SLOPE DATA	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)	Slump, Ero	Evidence of osion or Area Problem(s)?
	Flat	N/A	Flat	N/A	Flat		No



DATE OF INSPECTION	N· 9/13/2012		INSPECTION	ON RV· Rou	x Associates,	Inc		
JATE OF INSPECTION	(#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	Top/Crest	Horiz. Dist. From Toe of Area to Creek Top of Bank (ft)	Elevation Drop Along (#8) (approx.)	
	1122863.888	653390.9506						
LOCATION	(#3)	(#4)						
	Latitude (via GPS)	Longitude (via GPS)					(ft)	
	33° 35' 11.6729" N	85° 50' 32.8112" W	Right (R)	12,000	595.8	~ 40	0 (at top of bank level)	
	(#10)		(#1	.)		(#12)		
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Land Use		
INFORMATION	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	Cover Ty	(#17) Cover Type and Description		
	140	60	N/A Depth = 4 to 6 per NRCS	Sand Silt Gravel	Grass and	d weeds	Established 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 o Slump, Erosion or Ar Stability Problem(s)		
	Flat	N/A	Mostly flat	N/A		No but there was evider of a drainage swale crea on the property.		
AREA PHOTOGRAPH								

OATE OF INSPECTION	N: 9/13/2012		INSPECTION	ON BY: Rou	x Associates,	Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
LOCATION	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R) Bank? (looking downstrm)	Distance (ft) Downstram ght (R) Bank? Ooking Confluence wnstrm) Distance (ft) Comman	Top/Crest Elevation (approx) (ft- MSL) (from NRCS	Horiz. Dist. From Toe of Area to Creek Top of Bank (ft)	Elevation		
	1123772.696	655731.7219					Drop Along (#8)		
LOCATION	(#3)	(#4)					(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)					(11)		
	33° 35' 20.6653" N	85° 50' 05.1416" W	Right (R)	9,000	596.1	80	0 (at top of bank level)		
	(#10)		(#1	1)		(#12)			
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address		Land Use			
INFORMATION	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	Cover Ty	(#17) Cover Type and Description			
	240	70	N/A Depth = 5 to 6 per NRCS	Sand Silt	Grass, weed	s, saplings	Established ⁴ Yes		
AREA SLOPE DATA	(#19)	(#20)	(#21)	(#22)	(#23)	(1	#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)	Slump, Er	Evidence of osion or Area Problem(s)?		
	Flat	N/A	Flat	N/A	Flat		No		
AREA PHOTOGRAPH			!						

DATE OF INSPECTION	N: 9/13/2012		INSPECTION	ON BY: Rou	ıx Associates	, Inc		
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
LOCATION	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R) Bank? (looking downstrm)	Distance (ft) Downstram	Top/Crest Elevation (approx) (ft- MSL) (from NRCS	Horiz. Dist. From Toe of Area to Creek Top of Bank (ft)	Elevation Drop Along (#8) (approx.) (ft)	
	1124326.124	656211.7946		from 11th St. Ditch				
LOCATION	(#3)	(#4)		-				
	Latitude (via GPS)	Longitude (via GPS)					(11)	
	33° 35' 26.1406" N	85° 49' 59.4665" W	Right (R)	9,000	596.1	80	0 (at top of bank level)	
	(#10)		(#11	.)		(#12)		
LAND OWNERSHIP	Parcel No.		Owner Nam	e/Address	Lai		and Use	
INFORMATION	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 Vegetatio Well Established	
	155	45	N/A Dpth = 6 to 7 per NRCS	Sand Silt	Grass and	d weeds	Yes	
AREA SLOPE DATA	(#19)	(#20)	(#21)	(#22)	(#23)	(1	#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 o Slump, Erosion or Ar Stability Problem(s)		
	Flat	N/A	Flat	N/A	Flat		No	
AREA PHOTOGRAPH			•		-			

AREA IDENTIFICATI	ON NUMBER:	Area 29 / Chocco	olocco Creel	k					
DATE OF INSPECTIO	N: 9/13/2012		INSPECTI	ON BY: Rot	ıx Associates	s, Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
LOCATION	Northing (via GPS)	Easting (via GPS)	Left (L) or Right (R) Bank? (looking downstrm)	Distance (ft) Downstram	Top/Crest	Horiz. Dist. From Toe of Area to Creek Top of Bank (ft)	Elevation Drop Along (#8)		
	1125444.648	657128.8242		from 11th St. Ditch	(approx) (ft-MSL) (from				
Localion	(#3)	(#4)		Confluence (from map	NRCS reference		(approx.) (ft)		
	Latitude (via GPS)	Longitude (via GPS)		measurement)	benchmarks)	or Bank (It)	(11)		
	33° 35' 37.2064" N	85° 49' 48.6254" W	Right (R)	6,500	597.8	10	0 (top of ban level)		
	(#10)		(#1	1)		(#12)			
I AND OWNED CHID	Parcel No.		Owner Nam	e/Address		Land Use			
LAND OWNERSHIP INFORMATION	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	(#1 Cover Ty Descri	ype and	(#18) Is Vegetatio Well Established		
	215	55	N/A Depth = 4 to 5 per NRCS	Sand Silt	Grass and	d weeds	Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
AREA SLOPE DATA	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 Arc Stability Problem(s)			
	Flat	N/A	Flat	N/A	Flat	No			
AREA PHOTOGRAPH	<u> </u>		<u>!</u>	<u> </u>					
						W.	* 144		

DATE OF INSPECTION	J: 9/13/2012		INSPECTION	ON BY: Rot	ıx Associates	. Inc			
	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)		
LOCATION	Northing (via GPS)	Easting (via GPS) 657579.5389	Left (L) or Right (R)	Distance (ft) Downstram from 11th St.	Top/Crest Elevation	Horiz. Dist. From Toe of Area to Creek Top	Elevation Drop Along		
			Bank? (looking	Ditch Confluence			(#8) (approx.)		
	(#3)	(#4)	downstrm)	· C	(from map		of Bank (ft)		
	Latitude (via GPS)	Longitude (via GPS)		measurement)	benchmarks)	. ,	, ,		
	33° 35' 52.9926" N	85° 49' 43.2965" W	Left (L)	3,500	602.2	300	0 (top of ban level)		
	(#10)		(#11)				(#12)		
I AND OWNEDCHID	Parcel No.		Owner Nam	e/Address		Land Use			
LAND OWNERSHIP INFORMATION	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	(#1 Cover Ty Descri	ype and	(#18) Is Vegetation Well Established?		
	135	230	2 Depth = 2 per NRCS	Sand Silt Gravel	Gra	ass	Yes		
	(#19)	(#20)	(#21)	(#22)	(#23)	(:	#24)		
AREA SLOPE DATA	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 Are 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			-						