

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

CONTENTS

1.0 INTRODUCTION
1.1 Background Information1
1.2 Objectives2
2.0 METHODS OF INVESTIGATION
2.1 Identify Potential Locations of Dredge Spoil Areas
2.2 Determine Property Ownership and Obtain Access
2.3 Identify Previously Collected Analytical Data
2.4 Physical Inspection and Reconnaissance5
3.0 INVESTIGATION FINDINGS7
3.1 Snow Creek7
3.2 Choccolocco Creek
4.0 RECOMMENDATIONS9
4.1 Snow Creek 9
4.2 Choccolocco Creek
TABLES
1. Dredge Spoil Area Location, Property Ownership and Land Use Data
2. Dredge Spoil Area Physical Data
FIGURES
1. Area of Dredge Spoil Investigation
2. Locations of Dredge Spoil Areas
APPENDICES
A. Dredge Spoil Area Data Forms
B. Typical Specifications for Erosion Control Blankets and Turf Reinforcement Mats

1.0 INTRODUCTION

1.1 Background Information

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

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

1.2 Objectives

The objectives of this evaluation are to:

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

2.0 METHODS OF INVESTIGATION

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

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

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

2.1 Identify Potential Locations of Dredge Spoil Areas

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

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

2.2 Determine Property Ownership and Obtain Access

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

2.3 Identify Previously Collected Analytical Data

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

Discussions with the NRCS indicated that no characterization sampling was performed in conjunction with its dredging activities in Choccolocco Creek. Previous sediment sampling conducted in 1983 along a 1 and $\frac{3}{4}$ mile segment of the Creek between its confluence with Snow Creek and the downstream Highway 21 bridge indicated polychlorinated biphenyl (PCB) concentrations ranging from 2.1 micrograms per gram (µg/g or parts per million) to 19.2 µg/g, with an average concentration of 9.9 µg/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

33° 39' 17.9800" 85° 50' 13.1877" 33° 39' 17.9800" 85° 50' 13.1877" 33° 39' 14.1785" 85° 50' 14.2223" 33° 39' 14.1785" 85° 50' 13.6812" 33° 39' 08.2186" 85° 50' 13.2113" 33° 37' 24.7975" 85° 49' 46.9691" 33° 37' 24.7975" 85° 49' 46.3722" 33° 37' 24.8565" 85° 49' 46.3722" 33° 34' 48.9501" 85° 54' 97.044" 33° 34' 39.5886" 85° 54' 07.1254" 33° 34' 39.138" 85° 53' 22.0937" 33° 34' 33.1961" 85° 53' 13.1504" 33° 34' 31.961" 85° 53' 13.1504" 33° 34' 31.3623" 85° 51' 58.8287" 33° 34' 31.3623" 85° 51' 09.9273" 33° 35' 02.0814" 85° 50' 54.9943" 33° 35' 05.1703" 85° 50' 54.9943" 33° 35' 05.1703" 85° 50' 54.9943" 33° 35' 20.6653" 85° 50' 51.116" 33° 35' 20.6653" 85° 50' 54.965" 33° 35' 26.1406" 85° 50' 54.965"	Property Owner	Land Use
33° 39' 17.9800" 85° 50' 13.1877" 33° 39' 18.0002" 85° 50' 14.3286" 33° 39' 18.1785" 85° 50' 14.2223" 33° 39' 08.3975" 85° 50' 13.6812" 33° 39' 08.2186" 85° 50' 13.2113" 33° 39' 08.2186" 85° 50' 13.2113" 33° 37' 24.7975" 85° 49' 46.9691" 33° 37' 24.7975" 85° 54' 49.7044" 33° 34' 52.4686" 85° 54' 03.9470" 33° 34' 39.1138" 85° 54' 07.6704" 33° 34' 39.138" 85° 53' 22.0937" 33° 34' 33.2024" 85° 53' 13.1504" 33° 34' 34.0765" 85° 53' 13.1504" 33° 34' 31.3623" 85° 53' 13.1504" 33° 34' 30.8762" 85° 53' 13.1504" 33° 34' 30.8762" 85° 51' 19.9273" 33° 35' 02.0814" 85° 50' 32.8112" 33° 35' 10.6099" 85° 50' 32.8112" 33° 35' 20.6653" 85° 50' 54.9943" 33° 35' 20.6653" 85° 50' 54.9943" 33° 35' 20.6653" 85° 50' 54.9943"	(,,	
33° 39' 18.0002" 85° 50' 14.3286" 33° 39' 14.1785" 85° 50' 14.2223" 33° 39' 08.3975" 85° 50' 13.6812" 33° 39' 08.2186" 85° 50' 13.6812" 33° 39' 08.2186" 85° 50' 12.8329" 33° 39' 08.1003" 85° 50' 12.8329" 33° 37' 24.8565" 85° 49' 46.9691" 33° 37' 24.8565" 85° 49' 46.3722" 33° 34' 39.138" 85° 53' 59.5825" 33° 34' 39.1138" 85° 53' 59.5825" 33° 34' 39.138" 85° 53' 07.6704" 33° 34' 39.586" 85° 53' 07.6704" 33° 34' 33.2024" 85° 53' 13.1504" 33° 34' 30.8762" 85° 53' 13.1504" 33° 34' 30.8762" 85° 53' 13.1504" 33° 34' 30.8762" 85° 51' 58.8287" 33° 34' 31.3623" 85° 51' 58.287" 33° 35' 02.0814" 85° 50' 32.8112" 33° 35' 10.6059" 85° 50' 32.8112" 33° 35' 20.6653" 85° 50' 05.1416" 33° 35' 20.1406" 85° 49' 59,4665" 33° 35' 20.1406" 85° 49' 59,4665"	.1877" Anniston Land Co., Inc.	Open field / undeveloped
33° 39' 14.1785" / 85° 50' 14.2223" 33° 39' 08.3975" / 85° 50' 13.6812" 33° 39' 08.2186" / 85° 50' 13.2113" 33° 39' 08.1003" / 85° 50' 12.8329" 33° 37' 24.7975" / 85° 49' 46.9691" 33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 89.973" / 85° 54' 07.044" 33° 34' 52.4686" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 33.1961" / 85° 54' 07.6704" 33° 34' 33.1961" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 51' 58.8287" 33° 34' 38.1790" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9665"	.3286" Anniston Land Co., Inc.	Hillside slope / wooded
33° 39' 08.3975" / 85° 50' 13.6812" 33° 39' 08.2186" / 85° 50' 13.2113" 33° 39' 08.1003" / 85° 50' 12.8329" 33° 37' 24.7975" / 85° 49' 46.9691" 33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 59.9733" / 85° 53' 59.5825" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.138" / 85° 53' 13.1504" 33° 34' 33.2024" / 85° 53' 13.1504" 33° 34' 31.3623" / 85° 53' 13.1504" 33° 34' 31.3623" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 32.8112" 33° 35' 02.0814" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 05.1416"		Empty lot / undeveloped
33° 39' 08.3975" 85° 50' 13.6812" 33° 39' 08.2186" 85° 50' 12.8329" 33° 37' 24.7975" 85° 49' 46.9691" 33° 37' 24.8565" 85° 49' 46.3722" 33° 34' 48.9501" 85° 54' 49.7044" 33° 34' 59.9733" 85° 54' 07.6704" 33° 34' 39.138" 85° 54' 07.6704" 33° 34' 39.138" 85° 54' 07.1254" 33° 34' 39.138" 85° 53' 13.504" 33° 34' 33.2024" 85° 53' 13.1504" 33° 34' 31.3623" 85° 53' 13.1504" 33° 34' 31.3623" 85° 51' 09.9273" 33° 34' 31.3623" 85° 51' 09.9273" 33° 35' 02.0814" 85° 50' 32.8112" 33° 35' 10.6099" 85° 50' 32.8112" 33° 35' 20.6653" 85° 50' 05.1416" 33° 35' 20.6653" 85° 50' 59.4665" 33° 35' 20.6653" 85° 50' 59.4665"	right-ot-way	
33° 39' 08.2186" 85° 50' 13.2113" 33° 39' 08.1003" 85° 50' 12.8329" 33° 37' 24.7975" 85° 49' 46.9691" 33° 37' 24.8565" 85° 49' 46.3722" 33° 34' 48.9501" 85° 54' 49.7044" 33° 34' 59.9733" 85° 54' 07.6704" 33° 34' 39.1138" 85° 54' 07.6704" 33° 34' 39.1138" 85° 54' 07.1254" 33° 34' 39.138" 85° 54' 07.6704" 33° 34' 39.138" 85° 53' 13.2474" 33° 34' 31.1961" 85° 53' 13.1504" 33° 34' 31.3623" 85° 53' 13.0771" 33° 34' 31.3623" 85° 51' 58.8287" 33° 35' 02.0814" 85° 50' 45.9943" 33° 35' 02.0814" 85° 50' 45.5931" 33° 35' 10.6099" 85° 50' 45.5931" 33° 35' 10.6053" 85° 50' 51.416" 33° 35' 20.6653" 85° 50' 51.416" 33° 35' 20.1406" 85° 49' 59,4665"	.6812" Rev. Charles Creel	Empty lots / undeveloped
33° 37' 24.7975" / 85° 50' 12.8329" 33° 37' 24.7975" / 85° 49' 46.9691" 33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 52.4686" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1051" / 85° 54' 07.1254" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 53.4416" 33° 35' 20.6653" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9943"	.2113" Rev. Charles Creel	Empty lots / undeveloped
33° 37' 24.7975" / 85° 49' 46.9691" 33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 59.9733" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.138" / 85° 54' 07.6704" 33° 34' 33.1961" / 85° 54' 07.1254" 33° 34' 33.2024" / 85° 53' 22.0937" 33° 34' 33.2024" / 85° 53' 13.1504" 33° 34' 31.3623" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 10.6391" 33° 34' 30.8762" / 85° 53' 109.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9943"	.8329" Rev. Charles Creel	Empty lots / undeveloped
33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 59.9733" / 85° 53' 59.5825" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.138" / 85° 54' 07.1254" 33° 34' 33.2024" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 13.1504" 33° 34' 31.3623" / 85° 53' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 25.1112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 59.4665"	.9691" U.S. Castings/U.S. Pipe, Primax Properties, LLC.,	Flood plain / undeveloped
33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 59.9733" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 51' 54.9943" 33° 35' 02.0814" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 25.1416" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 05.1416"	James Jennings, Donald O. & Zandra Sills, (Frank)	
33° 37' 24.8565" / 85° 49' 46.3722" 33° 34' 48.9501" / 85° 54' 49.7044" 33° 34' 59.9733" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.138" / 85° 54' 07.1254" 33° 34' 39.5886" / 85° 54' 07.1254" 33° 34' 34.9024" / 85° 53' 20.0937" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.940765" / 85° 51' 58.8287" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 35.8112" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 35.1416" 33° 35' 20.6653" / 85° 50' 54.9945"	Chien-Hwa Chen	
33° 34' 48.9501" 85° 54' 49.7044" 33° 34' 52.4686" 85° 54' 03.9470" 33° 34' 39.133" 85° 54' 03.9470" 33° 34' 39.138" 85° 54' 07.6704" 33° 34' 39.138" 85° 54' 07.1254" 33° 34' 33.1961" 85° 54' 07.1254" 33° 34' 33.1961" 85° 53' 13.1504" 33° 34' 33.1961" 85° 53' 13.1504" 33° 34' 34.0765" 85° 53' 10.6391" 33° 34' 30.8762" 85° 53' 10.6391" 33° 34' 31.3623" 85° 51' 58.8287" 33° 35' 01.6099" 85° 51' 58.9273" 33° 35' 02.0814" 85° 50' 54.9943" 33° 35' 02.0814" 85° 50' 54.9943" 33° 35' 20.6653" 85° 50' 32.8112" 33° 35' 20.6653" 85° 50' 35.1416" 33° 35' 20.6653" 85° 50' 54.965"	.3722" (the above own Areas 7 & 8)	Flood plain / undeveloped
33° 34' 48.9501" / 85° 54' 49,7044" 33° 34' 59.9733" / 85° 53' 59.5825" 33° 34' 59.9733" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 33.2024" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.0771" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 05.1416"		機能能够可能。 1980年 1980年 1
33° 34' 59.9733" / 85° 53' 59.5825" 33° 34' 52.4686" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.1138" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 33.2024" / 85° 53' 22.0937" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 45.5931" 33° 35' 26.1406" / 85° 50' 05.1416"	Frances Louise Candler	Flood plain / agricultural
33° 34' 52.4686" / 85° 54' 03.9470" 33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.5886" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 10.6391" 33° 34' 31.3623" / 85° 51' 13.8287" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 58.8287" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 54.965"	5825" Perry & Patricia Kerr	Pasture / agricultural
33° 34' 39.1138" / 85° 54' 07.6704" 33° 34' 39.5886" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 33.2024" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 13.1504" 33° 34' 38.1790" / 85° 53' 13.0771" 33° 34' 38.1790" / 85° 51' 13.0771" 33° 35' 11.6099" / 85° 51' 69.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 54.9116" 33° 35' 20.6653" / 85° 50' 54.9116"	9470" Perry & Patricia Kerr	Pasture / agricultural
33° 34' 39.5886" / 85° 54' 07.1254" 33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 33.2024" / 85° 53' 22.0937" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 34.0765" / 85° 53' 10.6391" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 45.5931" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 50' 05.1416"	6704" Perry & Patricia Kerr	Pasture / agricultural
33° 34' 33.1961" / 85° 53' 43.2474" 33° 34' 33.2024" / 85° 53' 22.0937" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 38.762" / 85° 53' 13.1504" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 59.943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 45.5931" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 50' 05.1416"		Flood plain / undeveloped
33° 34' 33.2024" / 85° 53' 22.0937" 33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 10.6391" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 20.6653" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 54.416"	2474" Perry & Patricia Kerr	Flood plain / undeveloped
33° 34' 34.0765" / 85° 53' 13.1504" 33° 34' 30.8762" / 85° 53' 10.6391" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 20.4665" / 85° 50' 05.1416"	0937" Doris R. Burrows	Flood plain / undeveloped
33° 34' 30.8762" / 85° 53' 00.6391" 33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 05.1416" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	1504" Calhoun County Economic Development Council	Undeveloped
33° 34' 38.1790" / 85° 52' 13.0771" 33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	П	Undeveloped
33° 34' 31.3623" / 85° 51' 58.8287" 33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"		Airport buffer zone
33° 35' 01.6099" / 85° 51' 09.9273" 33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	8287" Billy Ray and Tommie Jean Camp	Pasture
33° 35' 02.0814" / 85° 50' 54.9943" 33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	9273" Joe N. Bennett	Pasture / agricultural
33° 35' 05.1703" / 85° 50' 45.5931" 33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	Joe N. Bennett	Pasture / agricultural
33° 35' 11.6729" / 85° 50' 32.8112" 33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	Bruce W. Corbett, Werner C. and Ruth E. Vogt	Flood plain / undeveloped
33° 35' 20.6653" / 85° 50' 05.1416" 33° 35' 26.1406" / 85° 49' 59.4665"	Phyllis S. Weaver	Pasture / agricultural
33° 35' 26.1406" / 85° 49' 59.4665"	Phyllis S. Weaver	Pasture / agricultural
	Phyllis S. Weaver	Pasture / agricultural
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" Ed	Edward C. Hopson	Pasture / agricultural

Table 2. Dredge Spoil Area Physical Data

	_	T	6		_		Т-		_	_		_		_					- 100	100		1	1	_	1	N		-	
Slope Stability		No evidence of problems however	although weeds are growing at	geotextile overlaps.	No evidence of problems.		Some minor slumping.		Some minor slumping.	Some minor shimning	come minor company.	Some minor slumning		Bank erosion possible	-	3	Bank erosion possible.	Ţ				No evidence of problems	No evidence of problems	No evidence of problems	No evidence of problems, however,	vegetative cover is not present.		No evidence of problems, however,	vegetative cover is not present.
Cover Type		Non-woven geotextile.	some weeds		Thick woods, briers,	weeds	Thick woods, briers,	kudzu	Weeds, brush	Weeds, brush		Weeds, brush	,	Trees, ivy, vines,	weeds		Trees, ivy, vines,	weeds				Grass and tall weeds	Grass and tall weeds			of	property)	Gravel and sand at	surface
Type of Fill- In Area	(GOVERNIA TOTAL)	Open field	/ nndeveloped		Hillside slope	/ wooded	Empty lot	/ undeveloped	Empty lots / undeveloped	Empty lots	/ undeveloped	Empty lots	/ undeveloped	Flood plain	/ undeveloped		Flood plain	/ undeveloped				Low area	Old gravel pit	Old gravel pit	Low area, used	as road fill		Old slough	
Steepest		2:1			2:1		Portions	near vertical	Portions near vertical	Portions	near vertical	Portions	near vertical	Portions	near vertical	at bank	Portions	near vertical	at bank			Flat	Flat	Flat	Flat	()		5:1 near	creek edge
Area (length x width) (ft x ft)		57 x 30		1	50 x 27		40 x 13		34 x 15	33 x 15		15 x 15		450 x 40			550 x 80	7				130 x 100	100 x 85	100 x 120	160 x 20			100 x 75	
Height/Depth (H/D ft)		9~H			H=3		H = 7	=	H=5	H=5	E.	H=5		H=3			H=3	0				D = 4	D=3 to 5	D = 3 to 5	D=4			D = 0 to 7	
Distance From Bank (ft)		26.6			30		0		0	0	8	0		0			0					70	75	200	200			0	
Dredge Spoil Area	Snow Creek	Area 1	10	0	Area 2		Area 3		Area 4	Area 5		Area 6		Area 7			Area 8				Choccolocco Creek	Area 1	Area 4	Area 5	Area 7			Area 9	

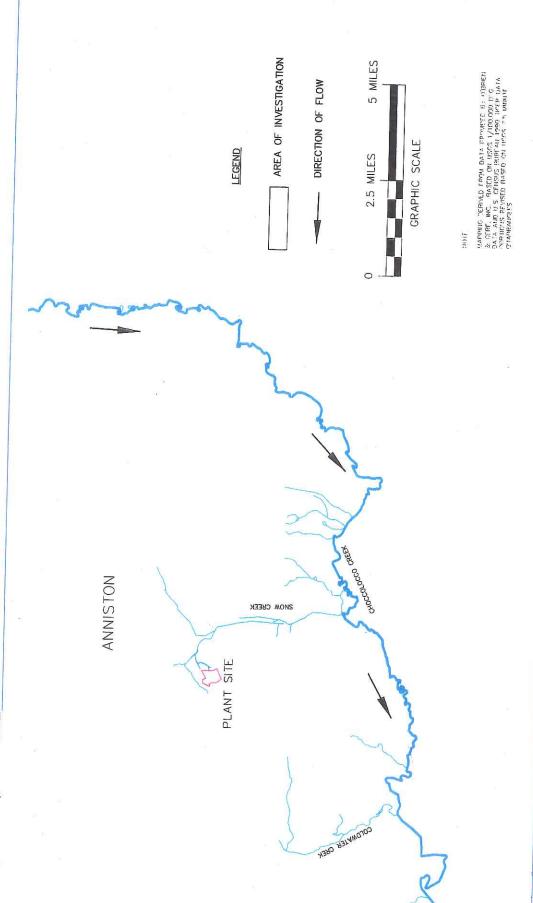
Table 2. Dredge Spoil Area Physical Data

Dredge Spoil Area	Distance From Bank (ft)	Height/Depth (H/D ft)	Area (length x width) (ft x ft)	Steepest Slope	Type of Fill- In Area (per NRCS)	Cover Type	Slope Stability
Choccolocco Creek	(continued)			19 13 13 15			
Area 10	200	H=2/D=3	250 x 110	4:1 at pile edges	Low area	Grass and weeds	No evidence of problems
Area 12	80	D=4 to 5	100 x 90	3:1 slope at	Old gravel pit	Grass and weeds	No evidence of problems
				west and south edge	i.	4	
Area 15	150	D=3 to 4	70 x 150	Flat	Low area, proposed site of wetlands mitigation	Grass and tall weeds	No evidence of problems
Area 16	100	$H \sim 2 / D = 2 \text{ to } 5$	165 x 100	4:1	Fill along existing side slope	Grass and tall weeds	No evidence of problems
Area 18	200	H = 3/D = 2	130×150	3:1 (at	Old borrow pit	Grass and tall weeds	No evidence of problems
			8	northern edge)			7
Area 19	250	D = 5 to 6	100×65	Flat	Old borrow pit	Grass and tall weeds	No evidence of problems
Area 23	20	D=3	185 x 100	10:1	Low area	Grass, weeds, some	No evidence of problems
W-10-3-4			e e			trees planted at	28
Area 24	~5 (next to	H~10	280 x 165	3:1	Fill on back side of	Grass	No evidence of problems
	flood berm)				road dike		4
Area 25	70	D = 4 to 5	110×100	Flat	Low area	mall oak	No evidence of problems
4			-	2		trees planted at perimeter	75
Area 26	~ 40	D=5 to 6	140 x 60	3:1 where fill	Extended dam	Grass and weeds cover	No evidence of problems, however,
	î.			transitions		most of area, however at	some soil is exposed at the edge of
			65	into old	<i>17</i>	the edge of fill/borrow	fill/borrow pit interface.
	928 -			borrow pit		pit interface, no cover.	
Area 28A	80	D=5 to 6	240 x 70	Flat	Low area	Grass and weeds	No evidence of problems
Area 28B	80	D=6to7	155 x 45	Flat	Low area	Grass and weeds	No evidence of problems
Area 29	10	D = 4 to 5	215 x 55	Flat	Old scour area	Grass and weeds	No evidence of problems
Area 31	300	H=2/D=2	135 x 230	5:1 at south and east edges	5:1 at south Filled-in edge and east edges adjacent to low area	Grass	No evidence of problems
					(Manual Annual A		

SOLUTIA

Area of Dredge Spoil Pile Evaluation Figure 1

Applied Chemistry, Creative Solutions



4 MILES SNOW CREEK DREDGE SPOIL PILE CHOCCOLOCCO CREEK DREDGE SPOIL PILE Figure 2 - Locations of Dredge Spoil Areas MAPPING DERIVED FROM DATA PROVIDED BY O'BRIEN & GERE, INC. BASED ON USGS 1/100.000 DLC DATA AND U.S. CENSUS BUREAU 1990 TIGER DATA. PORTIONS REVISED BASED ON USGS 7.5 MINUTE DREDGE SOIL AREAS BASED ON GPS SURVEY CONDUCTED BY GOLDER ASSOCIATES, INC. DIRECTION OF FLOW GRAPHIC SCALE 2 MILES LEGEND SC-1 CC-1●cc-29 © CC-31 **2NOW CREEK** CC-288 3C-28A PLANT SITE . Applied Chemistry, Creative Solutions COLOWATER CREEK

APPENDIX A DREDGE SPOIL AREA DATA FORMS

ON: 09/08/98 (#1) Northing (via GPS) 1147760.0242 (#3) Latitude (via GPS) 33° 39' 17.9800" N (#10)	(#2) Easting (via GPS) 655051.9125 (#4) Longitude (via GPS) 85° 50' 13.1877"	INSPECTE (#5) Left (L) or Right (R) Bank ? (looking downstm)	D BY: Go (#6) Distance (ft) Downstream from 11th St. Ditch	(#7) Top / Crest Elevation (approx.)	(#8) Horiz. Dist. From Toe	(#9) Elevation Drop Along
Northing (via GPS) 1147760.0242 (#3) Latitude (via GPS) 33° 39' 17.9800" N	Easting (via GPS) 655051.9125 (#4) Longitude (via GPS) 85° 50' 13.1877"	Left (L) or Right (R) Bank ? (looking	Distance (ft) Downstream from 11th St.	Top / Crest Elevation	Horiz. Dist. From Toe	Elevation
(via GPS) 1147760.0242 (#3) Latitude (via GPS) 33° 39' 17.9800" N	(via GPS) 655051.9125 (#4) Longitude (via GPS) 85° 50' 13.1877"	Right (R) Bank ? (looking	Downstream from 11th St.	Elevation	Horiz. Dist. From Toe	Elevation
1147760.0242 (#3) Latitude (via GPS) 33° 39' 17.9800" N	655051.9125 (#4) Longitude (via GPS) 85° 50' 13.1877"	Bank ? (looking	from 11th St.			
(#3) Latitude (via GPS) 33° 39' 17.9800" N	(#4) Longitude (via GPS) 85° 50' 13.1877"	(looking		(approx.)		I DIOD Alono
Latitude (via GPS) 33° 39' 17.9800" N	Longitude (via GPS) 85° 50′ 13.1877″		Ditch		of Area to	(# 8)
Latitude (via GPS) 33° 39' 17.9800" N	Longitude (via GPS) 85° 50′ 13.1877″	downstm)		(ft-MSL)	Creek	(арргох.)
(via GPS) 33° 39' 17.9800" N	(via GPS) 85° 50' 13.1877"		Confluence	(from NRCS	Top of Bank	(ft)
33° 39' 17.9800" N	85° 50′ 13.1877″		(from map	reference	(ft)	
N			measurement)	benchmarks)		
	1 101	Left (L)	2,950	686	26.6	0 (at top or
(#10)	W					bank level
Parcel No.	(#11)				(#12)	
11-21-03-07-	Owner Name/Addre				Land Use	
1	Anniston Land Co.,	Inc.				
e					Open field / und	developed
10. 51	(#14)	(#15)	(#16)	(#	17)	(#18)
Length	Width	Height	Soil Type			Is Vegetatio
(ft)	(ft)	(ft)	in Area		500	
v.				DC301	ірцоп	Well Estab.
57	30	6 approv	AT-4811/A486	21		N/A;
		о арргох.	1		eotextile;	geotextile
,	· ·		Gravel	some weeds		cover
(#10)	(#20)			-		
					Is There Evider	ice of Slump,
1			70 P. (1970)		Erosion or Area	Stability
	(11)	100000000000000000000000000000000000000	(ft)	(H):(V)	Problem(s) ?	
(11).(4)		(H):(V)				
2:1	12	2 . 1	10		4.6	
		2.1	12	2:1		
						extile over-
i			1		laps.	
	AREA PHOTOGRA	APH				
57 N						
Pile ank						
	(#13) Length (ft) 57 (#19) Average Slope Along Length (H): (V) 2:1	Calhoun Co. (#13) (#14) (#14) (#16) String String Length (#19) Average Slope Along Length (H): (V) 2:1 AREA PHOTOGRA AREA PHOTOGRA Tile AREA PHOTOGRA AREA PHOTOGR	Calhoun Co. Anniston, Alabama 36201 (#13)	Calhoun Co. Anniston, Alabama 36201 (#13) (#14) (#15) (#16) Length Width Height Soil Type in Area 57 30 6 approx. Sand 57 30 6 approx. Silt Gravel Gravel Gravel (#19) (#20) (#21) (#22) Average Slope Length (Along Width) (Along Width) Length (Along Length) (Along Width) (#1) (H): (V) 12 2:1 12 AREA PHOTOGRAPH	Calhoun Co. Anniston, Alabama 36201 (#13) (#14) (#15) (#16)	Calhoun Co. (#13) Length (ft) (ft) (ft) (ft) (ft) (ft) (ft) (ft)

AREA IDENTIFICATION	ON NUMBER :	AREA 2 / Snow Ci	reek				55
DATE OF INSPECTIO	ON: 09/08/98		INSPECTED	DBY: 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
	1147762.0654	654955.4760	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	1	(from map	reference	(ft)	()
	(via GPS)	(via GPS)		measurement)	benchmarks)	, , ,	
	33° 39' 18.0002"	85° 50' 14.3286"	Right (R)	2,950	690	30	15 (above
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	11-21-03-07-	Anniston Land Co.,	Inc.	,			
INFORMATION	1-02-037	P.O. Box 850 / 16 V	V. 11th St.			Hillside slope /	wooded
	Calhoun Co.	Anniston, Alabama	36201				
	(#13)	(#14)	(#15)	(#16)	/战	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type			
DESCRIPTION		0.000			Cover T	500	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desci	ription	Well Estab.
		*)	a l	Sand			
	50	27	3	Silt	Thick woods,	briers,	Yes
	3			Gravel	weeds		2
		19					
	(#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	
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H) : (V)	,00 %	(H):(V)	180 5	* * * * * *		
	2:1	4	2:1	4	2:1	No	
		**	100000000000000000000000000000000000000				
			01				
SKETCH OF AREA		AREA PHOTOGR	APH				
N PILE	30				1		AP A
TOP VIEW S	Snow J Creek					19 1911	
	Snow Cree K						
TOP TOP	of Bank	Photo Caption:	Area 2, view to	the east.			

AREA IDENTIFICATION	N NUMBER :	AREA 3 / Snow Cr	eek				
DATE OF INSPECTIO			INSPECTED	NRV: Go	lder Associates	lne	
DATE OF INGLECTIO	(#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
	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	1	(from map	reference	(ft)	()
	(via GPS)	(via GPS)		measurement)	benchmarks)	(-9	
	33° 39' 14.1785"	85° 50' 14.2223"	Left (L)	3,350	684	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-	Myrtice (& Keith) Ph	nillips	* Note : portions	of pile are		
INFORMATION	1-02-041	P.O. Box 4132		in ALDOT right	(3)	Empty lot / un	developed
	Calhoun Co.	Blue Mountain, Alab	oama 32604		1.5		16
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	· ·	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab. ?
DECORUITION	(11)	(11)	(11)		Desc	приоп	VVEII ESTAD. ?
			_	Sand		w	Annual San
	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	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	a Stability
SLOPE DATA	Length (H): (V)	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	
	1:1	7	(H): (V) 1:1	7	Portions near vertical	Some minor slu	mping
		8					as
SKETCH OF AREA		AREA PHOTOGR	APH				
N Creek O' (at Pile	(Top					en di	
SIDE VIEW Top of Snow Creek	Pile Bank						

(#8) oriz. Dist.	
	(#9)
riz. Dist. 1	Elevation
om Toe	Drop Along
Area to	(# 8)
Creek	(approx.)
of Bank	(ft)
(ft)	(- 7
V. 7	
0	0 (at top o
	bank level
(#12)	
and Use	
pty lots / ur	indeveloped
	Automorphism (Company)
	(#18)
nd	Is Vegetatio
1	Well Estab.
1	vveli Estab.
	Yes
(#24)	
	ence of Slump,
sion or Area	a Stability
olem(s) ?	
econ.	
W	
e minor slu	ımpıng
	NY Y
グラーストが、他の他の一大	

AREA IDENTIFICATION	ON NUMBER :	AREA 5 / Snow Cr	reek				
DATE OF INSPECTIO	N: 09/08/98	To the second se	INSPECTED	BY: Go	lder Associates	Inc.	
0	(#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	1	(from map	reference	(ft)	(
	(via GPS)	(via GPS)		measurement)	benchmarks)	1 119	
	33° 39' 08.2186"	85° 50' 13.2113"	Right (R)	4,150	678	0	0 (at top of
	N	W	I digite (iv)	4,100	0/0		bank level)
	(#10)	(#11)				(#12)	Darik lever
LAND	Parcel No.	Owner Name/Addre	200			Land Use	
OWNERSHIP	11-21-03-07-	Rev. Charles Creel	255			Land Use	
INFORMATION	1-02-046 & -048	609 Mulberry Ave.	00004			Empty lots / u	ndeveloped
	Calhoun Co.	Anniston, Alabama				L	
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetatio
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
			(1.7	Sand		- Ipage	11011 201021
		45	_				
	33	15	5	Silt	Weeds, brust	ו	Yes
	¥8			Gravel	R		
						,	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	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)		-66		
	2				Wheel Coato		
	uneven,	4	uneven,	4	Portions	Some minor slu	ımping
	1:1		1:1		near vertical		
SKETCH OF AREA		AREA PHOTOGR	ADL				0
SKETCH OF AREA	*	AREA PHOTOGR	APH	控制 * " 必 阻	A 184 THE		
N Snov	VCreek	1					ar pairs
TOP VIEW 15'	33'						
Snow Creek	Thick BRUSH						
SIDE VIEW	-	Photo Caption:	Area 5, view to	the east.		RESIDENCE OF A SECOND	

AREA IDENTIFICATIO	N. 00/08/08	AREA 6 / Snow Cr		NDV. Co	-	1	
DATE OF INSPECTIO	N: 09/08/98 (#1)	(#2)	(#5)	(#6)	lder Associates (#7)	(#8)	(#9)
	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz, Dist.	(#9) Elevation
	11.77.20.75.41.00.00.00.00.00			Downstream	Elevation	ANALOGO TO A CONTRACTOR OF THE PARTY OF THE	
	(via GPS)	(via GPS)	Right (R)			From Toe	Drop Along
	1146761.3945	655081.8720	Bank ?	from 11th St.	(approx.)	of Area to	(# 8)
LOCATION	(110)	(11.4)	(looking	Ditch	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	Confluence	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude	1	(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
	33° 39′ 08.1003″	85° 50' 12.8329"	Right (R)	4,200	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	0				
INFORMATION	1-02-046 & -048	609 Mulberry Ave.				Empty lots / ur	ndeveloped
	Calhoun Co.	Anniston, Alabama	36201				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	30011-000	Width			Cover T		***********
	Length	200000000000000000000000000000000000000	Height	Soil Type	8	2.80	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
				Sand			
	15	15	5	Silt	Weeds, brush	ı	Yes
			0	Gravel	25		
		*				-	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length		Slope Length	Steepest	Is There Evide	non of Clump
AREA	ALI 2000000 CHARLES CO.	Secretaria de la constitución de Secue	Average				
및 RMS - 2 - 2	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)				
							925
	uneven,	4	uneven,	4	Portions	Some minor slu	mping
	1:1	-	1:1		near vertical		
8							
æ			1				
SKETCH OF AREA		AREA PHOTOGR	ADLI				
SKETCH OF AREA		AREA PHOTOGR	APH				
1	owl C Cael	AREA PHOTOGR	(APH		0		
SKETCH OF AREA	ow Creek	AREA PHOTOGR	(APH				
1	ow Creek	AREA PHOTOGR	APH				
Sn 	ow Creek	AREA PHOTOGR	(APH	A.			
Sn 	ow Creek	AREA PHOTOGR	APH				40
Sn (5n)	D" >	AREA PHOTOGR	(APH				
Sn. Sn	ow Creek	AREA PHOTOGR	RAPH				
Sn. Sn	D" >	AREA PHOTOGR	RAPH				
Sn. Sn.	D" >	AREA PHOTOGR	RAPH				
Sn. Sn.	D" >	AREA PHOTOGR	LAPH				
Sn. Sn	D" >	AREA PHOTOGR	RAPH				
Sn. Sn	D" >	AREA PHOTOGR	LAPH				
Sn. Sn	D" >	AREA PHOTOGR	LAPH				
Lop View	D''' >>	AREA PHOTOGR	LAPH				
Lop View	D''' >>	AREA PHOTOGR	LAPH				
Sn. Sn	5' 15'	AREA PHOTOGR	CAPH				
Lop View	5' 15'	AREA PHOTOGR	LAPH				
Lop View	5' 15'	AREA PHOTOGR	APH .				
Lop View	D''' >>	AREA PHOTOGR	APH .				
Lop View	open mi field	AREA PHOTOGR	APH				
Lop View	open mi field	AREA PHOTOGR	MAPH				
Lop View	open mi field	AREA PHOTOGR	MAPH				
Lop View	open mi field	AREA PHOTOGR	APH .				

DATE OF INSPECTION	1 . 00/08/08		INSPECTED	BY: Gold	ler Associates I		
DATE OF INSPECTION	(#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)
	1130319.7200	001200.000	(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)	
	A CONTRACTOR OF THE PARTY OF TH	(via GPS)		measurement)	benchmarks)		
	(via GPS)	85° 49' 46.9691"	Right (R)	15,500	650	0	0 (at top of
	33° 37' 24.7975"	W	rugin (i i))			Bank Level)
	N (IIIA)	(#11)				(#12)	
	(#10)	Owner Name/Addre	200			Land Use	
LAND	Parcel No.						
OWNERSHIP	* Multiple,	* See attached list				Flood plain / ur	ndeveloped
INFORMATION	see attached						
	list			\#4C\	(#	17)	(#18)
	(#13)	(#14)	(#15)	(#16)			Is Vegetation
PHYSICAL	Length	Width	Height	Soil Type		ype and	0000 1-0 miles
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab. ?
DESCRIPTION	(11)	(-)		Sand			
		40	3	Silt	Trees, ivy, vine	es, weeds	Yes
	450	40	3	Gravel			
			1	Glavei			
				(1100)	(#23)	(#24)	
	(#19)	(#20)	(#21)	(#22)	Steepest		ence of Slump,
	Average	Slope Length	Average	Slope Length		Erosion or Ar	
AREA	Slope Along	(Along Length)	Slope Along		Slope	Problem(s)?	
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s)	
DATA	(H): (V)	7554,040)	(H):(V)				
DATA	(-7 (-7			9			iblo
	Primarily flat	-NA-	Near vert.	-NA-	Portions	Bank erosion	pussible
	parallel to	A.	at creek	1	near vertical	*	
	creek		bank		at bank	I	
	0						
SKETCH OF AREA		AREA PHOTOG	SRAPH				
	1	A Comment					
	Le! TOP	and the same of th					
N <	VIEW		The speciality	Alba A	500	STATE OF THE STATE	
de	XIX	1000	to water	LAND ME	The state of the s	1 1 1 1	4
40'_	° /: /		fa h			FRI WAR	
1	11/450'	A STATE OF		多數是可以	The state of	建筑在一次设	
w_ W	} ///		En Charles	A TIME A STORY		20,000	第一次下 回
1 / /	67		THE RESIDENCE OF	1964			
1 f (/·	:/						10%
Rail Ret TRACK.	l,	4 4 2				地区 1000000000000000000000000000000000000	12-32-1 VB
TRACK. L'E	Snow						
'' لِيسِ	Creek		TW.	出土土地の			Tax and
		4 0				是是	ATT THE PARTY OF T
	つ~						a ne
19	M. PILE			1			100
BRIGHT	nd sold . Did of						
BRUSH >			A STATE OF THE PARTY OF THE PAR			Constitution of the control of	
BRUSH/ >				Contract of the second	THE PARTY NOW	THE RESERVE OF THE PERSON NAMED IN	
BRUSH > ATREES.			in the		No.		
BRUSH > ATREES.		V					
BRUSH TREES.	al snow						
-	al Snow Creek						

ATE OF INSPECTIO	N · 09/08/98		INSPECTED		der Associates I		(40)
ATE OF INSPECTIO	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)
ii ii	Northing	Easting	Left (L) or	Distance (ft)	Top / Crest	Horiz. Dist.	Elevation
	(via GPS)	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
	1136325.6870	657319.0367	Bank?	from 11th St.	(арргох.)	of Area to	(# 8)
LOCATION	1130020.0070		(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)		0 (-1 16
	33° 37' 24.8565"	85° 49' 46.3722"	Right (R)	15,500	646	0	0 (at top of
	N	W		0.00			bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	* Multiple,	* See attached list					de relened
INFORMATION	see attached	4				Flood plain / un	ideveloped
HALOKINELION	list						(1140)
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
BI 0.4010 C	and Mariana and American	Width	Height	Soil Type	Cover T	ype and	Is Vegetation
PHYSICAL	Length	(ft)	(ft)	in Area	Desc	ription	Well Estab.
DESCRIPTION	(ft)	(11)	(19)	Sand			
				Silt	Trees, ivy, vine	es weeds	Yes
	550	80	3	W. S. W.	11000, 109, 31110	20,	
		g 121	1	Gravel			25
				(400)	(#23)	(#24)	
	(#19)	(#20)	(#21)	(#22)	Steepest		ence of Slump,
	Average	Slope Length	Average	Slope Length	Slope	Erosion or Are	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	(H): (V)	Problem(s) ?	
SLOPE	Length	(ft)	Width	(ft)	(11).(4)	11,02,0,1,0,7	
DATA	(H):(V)		(H): (V)		-	-	
	2000 2000 100		Near vert.	-NA-	Portions	Bank erosion	oossible.
	Primarily flat	-NA-	at creek	10.2	near vertical	1	
	parallel to		bank		at bank		
	creek		Dank				
SKETCH OF AREA		AREA PHOTOG	RAPH				
SKETCH OF AREA	C-501			100	11.12		
1	SNOW	1	100				
(550').	CREEK				是 學生/學	一、子的	
550	creek	10000				The state of the s	
	1	and the second		-	STATE OF THE PARTY	THE RESERVE OF THE PARTY OF	FT 1.57 的影響機關稅
Rail VA	PILE			A Sylvania	了是	24 F	
	1				7	7	
Rail I	PILE	·					
Rail I	PILE 80						
Rail I	PILE 80						
Rail I	PILE 80	, C					
Rail I	PILE						
Rail I	PILE 80		7				
Rail	PILE 200 80' TOP VIEW						
Rail I	PILE 200 80' TOP VIEW			U T- /			
Rail	PILE 2000 PILE 2			47.			
Rail	PILE 2000 PILE 2			u i v			
Rail	PILE 2008 80' TOP VIEW VIEW						
Rail	PILE 2000 PILE 2			Q 7 /			
Rail	PILE SON TOP VIEW VIEW Thick Veg.						
Rail Side V	PILE SON TOP VIEW VIEW Thick Veg.						
Rail Side V	PILE 2000 PILE 2					ty.	
Rail	PILE SOPE VIEW VIEW VIEW ORIGINAL Veg. ORIGINAL ORIGINAL					"y	

SNOW CREEK DREDGE SPOIL AREAS

PROPERTY OWNERSHIP INFORMATION FOR AREAS 7 AND 8

Dredge Area #	Parcel No. (Calhoun Co.)	Owner Name / Address
	11-21-04-20-2-01-	U.S. Castings/U.S. Pipe
7 & 8	33.06	1831 Front Street
		Anniston, Al 36201
	11-21-04-2-01-	PRIMAX Properties, LLC.
	27.01	(c/o William G. Seymour)
	&	1115 East Morehead St.
	11-21-04-20-2-01-	Charlotte, NC 28204
	33	ē
	11-21-04-20-2-01-	James Jennings
	33.02	c/o Omega Homes, Inc.
	uff	1720 S. Quintard Ave.
		Anniston, Alabama 36201
	11-21-04-20-2-01-	Donald O. (& Zandra) Sills
	33,08	P.O. Box 3342
	&	Oxford, Alabama 36203
	11-21-04-20-2-01-	
	33.07	
,	&	# T
	11-21-04-20-2-01-	
(9	33.05	
£5	11-21-04-20-2-01-	(Frank) Chien-Hwa Chen
	33.01	322 Mar-Sha Drive
	(*)	Anniston, Alabama 36206

ATE OF INSPECTION	M · 09/02/98		INSPECTED	BY: Genesis	Project / Roux A	ssociates	
ATE OF INDIFFERENCE	(#1)	(#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
ŀ	1120576.5283	631656.9024	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION		9804 N80495555550	(looking	Confluence	(ft-MSL)	Creek	(арргох.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
,	Latitude	Longitude	1	(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)		
Ì	33° 34' 48.9501"	85° 54' 49.7044"	Right (R)	45,500	589.4	70	0 (at top of
	N	W					bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-02-04-0-	Frances Louise Car	ndler				
INFORMATION	000-006-000	P.O. Box 213				Flood plain / ag	ıricultural
	Talladega Co.	Ohatchee, Alabama	36271				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	**	Is Vegetation
			100 mm (4)	in Area		ription	Well Estab.
DESCRIPTION	(ft)	(ft)	(ft) -NA-	III AlGa	Desc	Provi	TON LOUD.
	Wasana	E	255050			· ·	
	130	100	Depth =	Sand	Grass and tall	weeds	Yes
			4 per	Silt	l		
		. 4	NRCS			3	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evidence of Slump Erosion or Area Stability Problem(s) ?	
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope		
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)		
DATA	(H):(V)		(H):(V)				
	Flat	-NA-	Flat	-NA-	Flat	No	
			1	_			
	-						
KETCH OF AREA	<u> </u>	AREA PHOTOGE	L RAPH				
TOP VIEW	NT	* No.	Section 1	HOLEN PARTY		,	2076
	7	1				in the real	
N	60' 《	No.	* * *	表现是是			
(13)							
17/10	oo'				180 180 1		
			""				
Links	. 4/"						
		计算的现在分					
7	Choc. Creek						
70'		Evel - Co	A THE				
		THE RESERVE	4	THE THE		45 00 3	1000
SIDE VIEW		A COLUMN TO SERVICE AND A SERV			100		
-		3977			- 44	Charles -	
90. 3 8. 3 4 7		SECRETARY SEC		the Table State		100	
_70'		10000000000000000000000000000000000000	公司上在				
	. 111	THE PERSON NAMED IN		The state of the s	THE PARTY OF	HAT SO	
-1 · i	7	建设设施		/	7 1	A STATE OF	
k <u>√</u> > <		THE RESERVE AND TAXABLE PERSONS.	The state of the s		SA PROPERTY OF THE PARTY OF	STATE OF STREET	STATE TO SE
) 77 m "	A WALLEY	A 100 May 100	HEALTH WELLIAM TO THE		STATE OF THE REAL PROPERTY.	
	10.10		4	17 12 - 1			
7	Pile "	3/7,		列台	1.72	1.	
Choc. Cred	7 Pile		See!				

ATE OF INSPECTIO	N : 09/03/98		INSPECTED	BY: Golder A	Associates / Rou	IX Assoc		
, 112 OF 1110 POT 110	(#1)	(#2)	(#5)	(#6)	(#7)	(#8)	(#9)	
26	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	1121000.7104	055050.0050	(looking	Confluence	(ft-MSL)	Creek	(# 0) (approx.)	
Same of the transfer of the	(#3)	(#4)		ASSOCIATION DESCRIPTION OF THE PROPERTY OF THE		10/mp100-00040000	E 1000 00 00 00 00 00 00 00 00 00 00 00 0	
(w/r to Centroid)	(#3)	(#4)	downstm)	(ft)	(from NRCS	Top of Bank	(ft)	
	Latitude	Longitude		(from map	reference	(ft)	72	
	(via GPS)	(via GPS)	1.6.01	measurement)	benchmarks)			
	33° 34' 59.9733"	85° 53' 59.5825"	Left (L)	39,500	575.2	75	0 (at top of	
	N	W					bank level)	
no assurancesso	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre				Land Use		
OWNERSHIP	61-02-04-0-	Perry & Patricia Ker	r					
INFORMATION	000-013-000	2310 Silver Run Rd	*			Pasture / agric	ture / agricultural	
	Talladega Co.	Munford, Alabama	36268					
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)	
PHYSICAL	Ø	Width	Height	122			Is Vegetatio	
1 141 - 141 - 141	Length			Soil Type	Cover T			
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
4			-NA-	Sand	1			
	100	85	Depth =	Silt	Grass and tall	weeds	Yes	
	8828		3 to 5	Gravel			3000.00	
				Cidvoi				
	(1140)	(1100)	per NRCS	(1100)	(1100)	(110.4)		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
175 - 154 (1754) 1200	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	1000	
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		
					1			
VETOU 05 4054		ADEA BUOTOGE			<u> </u>			
KETCH OF AREA	- N -	AREA PHOTOGR	APH				CD 35	
	N		4				AND THE	
((1	THE ROBERTS OF			Table 1			
Chac: Cr	reek				-	为		
	り参						THE RESERVE	
K	.) '			-February II			di di di di	
85	• 1					7 医黑色		
(15:							
N .	5 4							
A								
	⟨` }/						[19] 中国共產黨 [1]	
	\(\)							
ie 10	(A)		NAT.				ACCUST OF THE	
isp 10	A)						disease of	
isp 10	(A) (D) ()							
IEW								
IJEW Si	DEVIEW							
IJEW Si		AT IN						
PILE SI		AT IN THE PARTY.						
PILE SI		AT IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY OF THE P						
IJEW Si								
PILE SI			Tax.					
PILE SI			TAX T					
FILE SIT	DE VIEW	· · · · · · · · · · · · · · · · · · ·						
SIT -PILE								

DATE 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
	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)	6-7
	(via GPS)	(via GPS)		measurement)	benchmarks)	7.30	
	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)	3-11111-1-17
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-02-04-0-	Perry & Patricia Ker		20-77			
INFORMATION	000-013-000	2310 Silver Run Rd				Pasture / agric	ultural
0,	Talladega Co.	Munford, Alabama				l'astare / agric	attarai
	(#13)	(#14)	(#15)	(#16)	/#	17)	/#10\
DUVOIOAL	(A) 1-45	180 000	ACC 1000M	1			(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	P41	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desci	ription	Well Estab.
			-NA-	Sand			
	100'	120'	Depth =	Silt	Grass and tall v	weeds	Yes
			3 to 5	Gravel			
		1	per NRCS	0.0.0			
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evide	nce of Slumn
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope		
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)	Erosion or Area Stability Problem(s) ?	
DATA	(H) : (V)	(10)	(H): (V)	(10)	(11).(0)		
BATA	(11) . (4)		(11).(0)				
	Flat	-NA-	Flat	-NA-	Flat	No	
	, ioi	1	i iai	10.	i ieic	140	
	-						
SKETCH OF AREA		AREA PHOTOGR	EAPH				
TOP VIEW	£			Section	All Land	A	
1	1	¥	3 - 3			ia A	2
	J.	. 36.	day and		1	M CONTRACT	
TH C	eck y						100
CA	Recky	A Company			The "	4 3 2 3	
	. (, 7	E A STATE OF THE S				1.00	
400	ļ.	2 arken	24			104	
-100'	į		14				
5,00	120'			建筑社会主要 对自			1
Total	1						
(< \)	$\leftarrow \rightarrow \cdot$		THE PERSON			L. services (Brief	1
4	(i		500	Mar Land		是不是是是	
	200'				新山北 山北		Coulty is
				THE PARTY NAMED IN	1000	TEN SE	113
•		· · · · · · · · · · · · · · · · · · ·		四一一 日本		-	
		A TO BOOK OF	3 - 1		The Late of		M.
5 max , 20	2'1		A HOUR CO	A LAKE	1674 B. B.		Y .
1 1	7						
1					ALC: NO.		
	\mathcal{Y}			7		an such	
	/	THE RESERVE OF THE PARTY OF THE	THE RESERVE TO SHAPE	AND DESCRIPTION OF THE PARTY OF	MATERIAL PROPERTY.		
12d ->	Clara	STATE OF THE PARTY	State of the state			A STATE OF THE REAL PROPERTY.	
1207	Choc.	阿拉斯斯					NEWS
'<-120→ Side View	Choc. Creek						

LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA		(#2) Easting (via GPS) 635212.4332 (#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length (Along Length)	INSPECTED (#5) Left (L) or Right (R) Bank ? (looking downstm) Left (L)	(#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel	Cover T	(#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agric	(#9) Elevation Drop Along (# 8) (approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab. 7	
LOCATION (W/r to Centroid) LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(#1) Northing (via GPS) 1119579.7367 (#3) Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Easting (via GPS) 635212.4332 (#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	(#5) Left (L) or Right (R) Bank ? (looking downstm) Left (L) SSS T . 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(#6) Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel	(#7) Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) 574.8 (# Cover T Descri	(#8) Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agric	Elevation Drop Along (# 8) (approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab. 3	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	Northing (via GPS) 1119579.7367 (#3) Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Easting (via GPS) 635212.4332 (#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	Left (L) or Right (R) Bank ? (looking downstm) Left (L) SSS T 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Distance Downstream from Snow Cr. Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel	Top / Crest Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) 574.8 Cover T Descri	Horiz. Dist. From Toe of Area to Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agric 17) Type and ription	Elevation Drop Along (# 8) (approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab. 3	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(via GPS) 1119579.7367 (#3) Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	(via GPS) 635212.4332 (#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	Right (R) Bank ? (looking downstm) Left (L) 255 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Downstream from Snow Cr. Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel	Elevation (approx.) (ft-MSL) (from NRCS reference benchmarks) 574.8 (# Cover T Descri	From Toe of Area to Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agric 17) Type and ription	Drop Along (# 8) (approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab. 3	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(#3) Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	(#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	Bank ? (looking downstm) Left (L) 288 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	from Snow Cr. Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel	(approx.) (ft-MSL) (from NRCS reference benchmarks) 574.8 (# Cover T Descri	of Area to Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agrice 17) Type and ription	(# 8) (approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(#3) Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	(#4) Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	(looking downstm) Left (L) 28SS T 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Confluence (ft) (from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel (#22)	(#Cover T Described (washed flood prone seproperty)	Creek Top of Bank (ft) 500 (#12) Land Use Pasture / agrice 17) Type and ription d-in area in	(approx.) (ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	downstm) Left (L) ass (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(#16) Soil Type in Area Sand Silt Gravel	(from NRCS reference benchmarks) 574.8 (# Cover T Description Description of the property)	Top of Bank (ft) 500 (#12) Land Use Pasture / agrice 17) Type and ription d-in area in	(ft) 0 (at top of bank level) cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	Latitude (via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Longitude (via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	Left (L) 288 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(from map measurement) 36,500 (#16) Soil Type in Area Sand Silt Gravel (#22)	reference benchmarks) 574.8 (# Cover T Description Sand (washed flood prone seproperty)	(ft) 500 (#12) Land Use Pasture / agric 17) ype and ription d-in area in	0 (at top of bank level) cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(via GPS) 33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	(via GPS) 85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	ess 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(#16) Soil Type in Area Sand Silt Gravel	(# Cover T Descri Sand (washed flood prone seproperty)	500 (#12) Land Use Pasture / agric 17) ype and ription d-in area in	cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	33° 34' 39.1138" N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	85° 54' 07.6704" W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	ess 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(#16) Soil Type in Area Sand Silt Gravel	(# Cover T Desci	(#12) Land Use Pasture / agric 17) Type and ription d-in area in	cultural (#18) Is Vegetation Well Estab.	
LAND OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	N (#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	W (#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	ess 7 36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	(#16) Soil Type in Area Sand Silt Gravel	Cover T Desci	(#12) Land Use Pasture / agric 17) Type and ription d-in area in	cultural (#18) Is Vegetation Well Estab.	
OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	(#10) Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	(#11) Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	Land Use Pasture / agrice 17) ype and ription d-in area in	cultural (#18) Is Vegetation Well Estab. 1	
OWNERSHIP INFORMATION PHYSICAL DESCRIPTION AREA SLOPE DATA SKETCH OF AREA	Parcel No. 61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Owner Name/Addre Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	Land Use Pasture / agrice 17) ype and ription d-in area in	(#18) Is Vegetation Well Estab. 1	
AREA SLOPE DATA SKETCH OF AREA	61-06-02-04-0- 000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Perry & Patricia Ker 2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	Pasture / agric 17) ype and ription d-in area in	(#18) Is Vegetation Well Estab. 1	
AREA SLOPE DATA SKETCH OF AREA	000-013-000 Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	2310 Silver Run Rd Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	17) Type and ription d-in area in	(#18) Is Vegetation Well Estab. 1	
AREA SLOPE DATA SKETCH OF AREA	Talladega Co. (#13) Length (Ft) 160 (#19) Average Slope Along Length	Munford, Alabama (#14) Width (Ft) 20 (#20) Slope Length	36268 (#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	17) Type and ription d-in area in	(#18) Is Vegetation Well Estab. 1	
AREA SLOPE DATA SKETCH OF AREA	(#13) Length (Ft) 160 (#19) Average Slope Along Length	(#14) Width (Ft) 20 (#20) Slope Length	(#15) Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	ype and ription d-in area in	Is Vegetation Well Estab.	
AREA SLOPE DATA SKETCH OF AREA	Length (Ft) 160 (#19) Average Slope Along Length	Width (Ft) 20 (#20) Slope Length	Height (Ft) -NA- Depth = 4 per NRCS (#21) Average	Soil Type in Area Sand Silt Gravel	Cover T Description Sand (washed flood prone seproperty)	ype and ription d-in area in	Is Vegetation Well Estab.	
AREA SLOPE DATA SKETCH OF AREA	(#19) Average Slope Along Length	(Ft) 20 (#20) Slope Length	(Ft) -NA- Depth = 4 per NRCS (#21) Average	in Area Sand Silt Gravel (#22)	Sand (washed flood prone se	ription d-in area in	Well Estab. 1	
AREA SLOPE DATA SKETCH OF AREA	(#19) Average Slope Along Length	20 (#20) Slope Length	-NA- Depth = 4 per NRCS (#21) Average	Sand Silt Gravel (#22)	Sand (washed flood prone se property)	d-in area in		
SLOPE DATA SKETCH OF AREA	(#19) Average Slope Along Length	(#20) Slope Length	Depth = 4 per NRCS (#21) Average	Silt Gravel (#22)	flood prone se property)		No	
SLOPE DATA SKETCH OF AREA	(#19) Average Slope Along Length	(#20) Slope Length	4 per NRCS (#21) Average	Gravel (#22)	flood prone se property)		No	
SLOPE DATA SKETCH OF AREA	Average Slope Along Length	Slope Length	NRCS (#21) Average	(#22)	property)	ection of		
SLOPE DATA SKETCH OF AREA	Average Slope Along Length	Slope Length	(#21) Average					
SLOPE DATA SKETCH OF AREA	Average Slope Along Length	Slope Length	Average					
SLOPE DATA SKETCH OF AREA	Slope Along Length			Class Lassadia		(#24)		
SLOPE DATA SKETCH OF AREA	Length	(Along Length)	Slone Along	Slope Length	Steepest	Is There Evide	nce of Slump,	
SKETCH OF AREA			Clope Mong	(Along Width)	Slope	Erosion or Area Stability		
SKETCH OF AREA	$(H) \cdot \Delta \Delta$	(ft)	Width	(ft)	(H):(V)	Problem(s) ?		
N (160'	(,,,,(,,		(H):(V)					
N (160'	Flat	-NA-	Flat	-NA-	Flat	No, however, v		
N (160'			16 C. 16					
N 5/60'		AREA PHOTOGR	APH					
20'	-500' Choc.							
TOP VIEW 500 PILE 20' SIDE VIEW	Ţ							

	ON NUMBER :	AREA 9 / Choccol	T			270	
ATE OF INSPECTIO	N: 09/02/98		INSPECTED		s Project / Roux	The second second second second	(110)
	(#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
	1119627.0408	636273.8370	Bank ?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION			(looking	(ft)	(ft-MSL)	Creek	(approx.)
(w/r to Centroid)	(#3)	(#4)	downstm)	(stream mile)	(from NRCS	Top of Bank	(ft)
	Latitude	Longitude		(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	r				
INFORMATION	000-031-000	2310 Silver Run Ro				Flood plain / ui	ndeveloped
IIII OI WILL IIII	Talladega Co.	Munford, Alabama				350	
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
	AMERICA SOME	10.00		Soil Type	Cover T		Is Vegetation
PHYSICAL	Length	Width	Height	200	No.		Well Estab.
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	vven Estab.
	- TO TO SERVICE		-NA-	Sand			239
	100	75	Depth =	Silt	Gravel and sa	and at	No
	51,000	₩.	0 to 7 per	Gravel	surface		
			NRCS				
	(440)	(#20)	(#21)	(#22)	(#23)	(#24)	
	(#19)	Slope Length	Average	Slope Length	Steepest	Is There Evide	ence of Slump.
	Average		Slope Along	(Along Width)	Slope	Erosion or Are	
AREA	Slope Along	(Along Length)	Width	(ft)	(H): (V)	Problem(s) ?	0
SLOPE	Length (H) : (V)	(ft)	(H): (V)	(11)	(11).(0)	Troblemen.	
DATA	Flat	-NA-	Flat	-NA-	5:1 near creek edge	No, however v	
SKETCH OF AREA		AREA PHOTOGI	RAPH				
N	100'		CAL				
TOP VIEW	Choc CReev						
m (7)	Choc Creek						
XV.	TOP						

AREA IDENTIFICATION	N NUMBER :	AREA 10 / Chocc	olocco Creek				**************************************	
DATE OF INSPECTION		TAKE THE T CHOOL	INSPECTED	NPV: Consoi	a Draiget / Dave	. A		
DATE OF INSPECTION	(#1)	(#2)	(#5)	(#6)	s Project / Roux (#7)		(40)	
	Northing	Easting		1.400.00027		(#8)	(#9)	
			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	(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′ 33.1961″	85° 53' 43.2474"	Left (L)	34,000	577.8	200	0 (at top of	
	N	W			Ų.		Bank Level	
	(#10)	(#11)				(#12)		
LAND	Parcel No.	Owner Name/Addre	ess	AN ARRAMAN AN		Land Use		
OWNERSHIP	61-06-02-03-0-	Perry & Patricia Ker						
INFORMATION	000-033-000	2310 Silver Run Rd				Flood plain / ur	ndeveloped	
II W O' WO KITON	Talladega Co.	Munford, Alabama				i iood piaiii / di	ideveloped	
				/// 1		17	,	
	(#13)	(#14)	(#15)	(#16)	2,500	17)	(#18)	
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetatio	
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.	
		, ,	2 above	Sand				
	250	110	384. ''7777834378	107-2080-0108501				
15	250	110	top of bank;	Silt	Grass and we	eas	Yes	
		÷	Depth = 3	Gravel				
			per NRCS			Q.		
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)		
Γ	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 Problem(s) ?		
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)			
DATA	(H) : (V)	1.0	(H): (V)	(11)	(11). (0)	1 TODICITI(3)		
		0.1						
	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				
SKETCH OF AREA		AREA PHOTOGR	APH					
		AKLATTIOTOGIC	ACH					
	CREEK ZOO' 110'							
PILE PILE	TOP OF BANK							

DATE OF INSPECTION			INSPECTED		s 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
LOCATION	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	(ft)
	Latitude	Longitude		(from map	reference	(ft)	
额	(via GPS)	(via GPS)		measurement)	benchmarks)	- 4	
	33° 34' 33.2024"	85° 53' 22.0937"	Left (L)	32,000.00	580.1	80	0 (at top of
	N	W					bank level)
# 2 (2-2-4-2-3	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-02-03-0-	Doris R. Burrows					
INFORMATION	000-034-000	P.O. Box 3118				Flood plain / ur	ndeveloped
	Talladega Co.	Охford, Alabama 3	6203				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	35 P	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	
ZZZZIMI HOIN	(10)	(10)			Desc	ιμιοτι	Well Estab.
			-NA-	Sand			
	100	90	Depth =	Silt	Grass and we	eds	Yes
		a a	4 to 5	Gravel			
	22	18	per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	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	
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s)?	,
DATA	(H) : (V)	10" 100.	(H):(V)				
	20					A SHARE TO AN ADDRESS OF	
	Mostly flat	-NA-	Mostly	-NA-	3:1 slope at	No	
			flat		west and		
					south edge		
					_		
KETCH OF AREA		AREA PHOTOGR	APH				
	NA	(A)			THE RESERVE		STATE OF THE
Choc. Creek			10 THE	7.5	图	42	121
/ CIECK	50	200	ale in the	Page 1	ALC: NEW		
, —— ,,, —					- 400		
1				1985	100		
902 1	~80'						
X							
14	-3		The state of				
(* · · · · · · · · · · · · · · · · · ·	VI .			Mark or Sie	4		
	2 1001		AND THE RESERVE THE PARTY OF TH				STATE OF THE PARTY
	× 100'			四年50、日本			
)~ 100'			Marine .			
)~ 100 ¹			Maria de			
)~ 100 ¹			Marine St.			
5/max							
5/max							
5 max							
5'max							
5'max							
	80'7						
5'max FILE	80'7						100
	80'7						
	80'7						100

ATE OF INSPECTIO	N · 09/02/98		INSPECTED	BY: Genesi	s Project / Roux	Assoc.	
ALC OF MICH EDITION	(#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
	1119067.8536	639824.8552	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)
22	Latitude	Longitude		(from map	reference	(ft)	
	(via GPS)	(via GPS)		measurement)	benchmarks)	450	0 (at top of
	33° 34' 34.0765"	85° 53' 13.1504"	Right (R)	31,000	578.6	150	bank level)
	N	(#11)	L		L	(#12)	Dank level)
LAND	(#10) Parcel No.	Owner Name/Addre	ACC.	<u> </u>		Land Use	
LAND OWNERSHIP	61-06-02-03-0-	Calhoun County Ec		pment Council		Land Goo	
INFORMATION	000-029-000	P.O. Box 2283	orionnic Bevelo	pitioni ocarion		Undeveloped	
INFORMATION	Talladega Co.	Anniston, Alabama	36202			1	
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
DUNCICAL	200 T 900	Width	Height	Soil Type	Cover T		Is Vegetatio
PHYSICAL	Length		(ft)	in Area	100 - CONT. AND	ription	Well Estab.
DESCRIPTION	(ft)	(ft)			Desc	Приот	TOOR LOTOR.
			-NA-	Sand		1	Yes
	70	150	Depth =	Silt	Grass and tal	I Weeus	165
		*	3 to 4	Gravel	1		
			per NRCS		(((00)	(40.4)	L
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24) Is There Evide	nee of Clump
Valuation to	Average	Slope Length	Average	Slope Length	Steepest Slope	Erosion or Are	
AREA	Slope Along	(Along Length)	Slope Along Width	(Along Width)	(H): (V)	Problem(s) ?	a Otability
SLOPE	Length	(ft)	(H): (V)	(ft)	(1).(0)	r robicii(c) :	
DATA	(H):(V)		(11).(0)				
	Flat	-NA-	Flat	-NA-	Flat	No	
			1. A. Green, A.				
			1		L		
			RAPH			e 110 M	
KETCH OF AREA		AREA PHOTOGR	Company of the last	. er . e	MELNING	C 2000- 400	
PIE A	N			Car.		n Alla, A	
	150' N						
	150' N						
	150' N						
	上的'人						
	150' N 70' X						
	上的'人						
PILE OF	-150						
PILE OF	-150						
PILE	上的'人						
PILE	-150						
PILE	-150						
PILE	-150						
PILE OF	-150						
PILE CY	-150						
PILE	-150						
PILE	-150 -150 Creek						
PILE CA	-150 -150 Creek						
PILE CI	-150						
Choc.	PILE						
Choc. Creek	-150 -150 Creek			v to the west.			

DATE OF INSPECTIO		AREA 16 / Chocce	I	-			
DATE OF INSPECTIO	N: 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	140 N S.				bank level)
	(#10)	(#11)				(#12)	<u>-</u>
LAND	Parcel No.	Owner Name/Addre	ess.			Land Use	
OWNERSHIP	61-06-02-03-0-	Calhoun County Ec	onomic Develo	pment Council			
INFORMATION	000-029-000	P.O. Box 2283		• 18 (2010)		Undeveloped	
	Talladega Co.	Anniston, Alabama	36202				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	XX-50-000-020	Soil Type			11. 1 100
111 - CONTROL DE CONTR		(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(Height	3.00	Cover T	70.70	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
			aprx. 2' tall;	Sand			
	165	100	Depth =	Silt	Grass and tal	weeds	Yes
			2 to 5	Gravel			
			per NRCS	0.0.0			
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
}	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	aco of Slump
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	
SLOPE	Length	An account and a figure and the property	Width		30000000 ACC	THE RESIDENCE OF THE PARTY OF T	a Stability
DATA	A 10 TO 10 T	(ft)		(ft)	(H): (V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)				
	F(-/	210		•		16.10	
	Flat	-NA-	4:1	8 approx.	4:1	No	
		7					
OVETOU OF A DEA		ADEA BUOTOOS			67 		
SKETCH OF AREA		AREA PHOTOGR	APH			1 (C)	
					4 (March 1997) 1 (1997) 1 (1997)		100
	اده				16		
	165 TN				المارية الماري		
	165 N		112.	2			
	167		A week				5
	2=		A Company				3
	167			· E			5
100	2=		A Company		e t		à
	2=						3
100	2=			1			
100	100			1			
PILE J	100			l.			
100	2=						
PILE J	100						
PILE J	Choc. Creek						
PILE J	100						
PILE J	Choc. Creek						
PILE J	Choc. Creek						
PILE JOP VIEW	Choc. Creek						
PILE J	Choc. Creek						
PILE JOP VIEW	Choc. Creek						
PILE JOP VIEW	Choc. Creek						
PILE J	Choc. Creek						
PILE JOP VIEW	Choc. Creek						

	ON NUMBER :	AREA 18 / Chocc	olocco Creek				
DATE OF INSPECTIO			INSPECTED		s Project / Rou		
	(#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	Н.		(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' 38.1790"	85° 52' 13.0771"	Right (R)	24,000	588	500	0 (at top of
	N	W	1900 1000 10	76		-	bank level)
	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-01-02-0-	City of Anniston					
INFORMATION	000-009-000	1128 Gurnee Ave.				Airport buffer z	nne
01110111011	Talladega Co.	Anniston, Alabama	36201			7 th port Buller 2	SHC
			1	(440)	(1)	47)	(#4.6)
	(#13)	(#14)	(#15)	(#16)	10	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desc	ription	Well Estab.
			3	Sand			
	130	150	Depth = 2	Silt	Grass and tal	Lwoods	Yes
	130	130			Grass and tai	i weeds	168
	8		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 Area	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	
DATA	(H): (V)		(H) : (V)				
	Mostly flat	-NA-	Mostly	-NA-	3:1 (at	No	
			flat		Northern	100	ē:
					edge)		
			1		V6352435V		
SKETCH OF AREA	les	AREA PHOTOGR	APH				
OP VIEW (TS)	30' N	=	0	-	4	El (
(5)	14						
1-1-1							
150	00'						
	,00						
4							
	-	ARL ME					
` (
Char	, CREEK		Name of the Party				A
						The state of	
					THE RESIDENCE OF THE PARTY OF T		
	al slopes,			27、5、100月10日日日本人工公司			
very gradu	al slopes,		1				
	al slopes,			dalari Salariska sa			
yery gradu							
				San Art of			
yery gradu							
yery gradu							
Very gradu	xo'→1						
yery gradu	xo'→1						
Very gradu	xo'→1						uilly an gr
Very gradue 31 12-50 PILE 2'							
very gradu	xo'→1						

DATE OF INCRECTIO	M - 00/02/08		INICDECTED	D. D. Canani	- Desired / Desir		
DATE OF INSPECTIO	(#1)	(#2)	INSPECTED (#5)	(#6)	s Project / Roux (#7)	(ASSOC. (#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
LOCATION	1118790.8812	646112.8811	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
(w/r to Centroid)	(#3)	(#4)	(looking downstm)	Confluence (ft)	(ft-MSL) (from NRCS	Creek Top of Bank	(approx) (ft)
(Wir to controla)	Latitude	Longitude	downouny	(from map	reference	(ft)	(19
	(via GPS)	(via GPS)		measurement)	benchmarks)	3 %	±:
	33° 34' 31.3623"	85° 51' 58.8287"	Left (L)	23,000	588	250	0 (at top of
	N	W		2		("10"	bank level)
LAND	(#10) Parcel No.	(#11) Owner Name/Addre	200			(#12) Land Use	
OWNERSHIP	61-06-01-02-0-	Billy Ray and Tomm	9505			Land Ose	
INFORMATION	000-010-000	480 Kirby Road				Pasture	18
	Talladega Co.	Oxford, Alabama 36	6203				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desci	ription	Well Estab. ?
	Walter a		-NA-	Sand			
	100	65	Depth =	Silt	Grass and tall	weeds	Yes
		•	5 to 6 per	Gravel			
	(#19)	(#20)	NRCS (#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	
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)	Problem(s)?	- 1000-0-17-0-0-17-0-18-0-18-0-18-0-18-0-1
DATA	(H) : (V)		(H):(V)				
	Flat	-NA-	Flat	-NA-	Flat	No	
	i iai	-10/	1 lat	-10/4-	Flat	INU	#1
	W 10	ia					
SKETCH OF AREA		AREA PHOTOGR	APH			m=1.	
4			<i>(1)</i>				
7	1 4	400			- 55		
250'	Choc. Creek						
, ·							
11-111	00'						
	.1 1						
(1)	-5' N						
W.	0-						
De Viena	05' N						
TOP VIEW	0-						
	7.						
	7.						
TOP VIEW SIDE VIE	7.						
	7.						
	7.						
	7.						
	7.						
	W 2'						
	W 2'						
	7.						

AREA IDENTIFICATION		ADEA 60 1 01					
	The state of the s	AREA 23 / Chocc	olocco Creek				
DATE OF INSPECTIO			INSPECTE	DBY: 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) 1121847.1841	(via GPS)	Right (R)	Downstream	Elevation	From Toe	Drop Along
LOCATION	1121047.1041	650250.8679	Bank ?	from Snow Cr.	(approx.)	of Area to	(# 8)
(w/r to Centroid)	(#3)	(#4)	(looking downstm)	Confluence	(ft-MSL)	Creek	(approx.)
(am to obtained)	Latitude	Longitude	downstrii)	(ft)	(from NRCS	Top of Bank	(ft)
	(via GPS)	(via GPS)	63	(from map measurement)	reference benchmarks)	(ft)	
	33° 35' 01.6099"	85° 51' 09.9273"	Left (L)	16,000	593.2	20	2 above
	N	W		10,000	000.2	20	bank level)
	(#10)	(#11)			L	(#12)	Darik level)
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	61-06-01-01-0-	Joe N. Bennett		0.5			591
INFORMATION	000-003-000	1608 Joe St.				Pasture / agrid	cultural
	Talladega Co.	Охford, Alabama 36	5203				
	(#13)	(#14)	(#15)	(#16)	(#:	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	2.00	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Desci	N. 1000	Well Estab. ?
			-NA-			- Palen	TOTI ESTAD. :
	185	100	Depth =	Sand &	Grass, weeds	some	Yes
		18	3 per	Silt	trees planted		Tes
			NRCS	Sill	trees planted	at perimeter	
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	Average	Slope Length	Average	Slope Length	Steepest	Is There Evider	ace of Slump
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)	Problem(s) ?	Otability
DATA	(H): (V)		(H) : (V)		(1.2.(1.2	r residin(e) :	
	10:1	40 арргох.	10 : 1	40 approx.	10 : 1	No	
SKETCH OF AREA		AREA PHOTOGRA	APH				
Side VIE	Choc CREEK 20' 185' K						
Choc CRECK	Choc. Creek	Photo Caption: A	Area 23, view t	o the northwest,			

AREA IDENTIFICATION	ON NUMBER :	APEA 24 / Chaos					
DATE OF INSPECTIO		AREA 24 / Choco					F1
DATE OF INSPECTIO	(#1)	(#2)	INSPECTE		Associates / Ro		
	Northing	(#∠) Easting	(#5)	(#6)	(#7)	(#8)	(#9)
	(via GPS)	(via GPS)	Left (L) or	Distance	Top / Crest	Horiz. Dist.	Elevation
	1121894.6292	651514.1979	Right (R)	Downstream	Elevation	From Toe	Drop Along
LOCATION	1121034.0232	031314.1979	Bank?	from Snow Cr.	(approx.)	of Area to	(# 8)
(w/r to Centroid)	(#3)	(#4)	(looking	Confluence	(ft-MSL)	Creek	(approx.)
(wit to controlla)	Latitude	Longitude	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	(via GPS)	(via GPS)	1	(from map	reference	(ft)	
	33° 35' 02.0814"	85° 50' 54.9943"	Left (L)	measurement)	benchmarks)		
	N	W	Len (L)	14,500	594.2	~5 (next to	2 above
	(#10)	(#11)	J			flood berm)	bank level)
LAND	Parcel No.	Owner Name/Addre	200			(#12)	
OWNERSHIP	61-06-01-01-0-	Joe N. Bennett	#55			Land Use	
INFORMATION	000-003-000	1608 Joe St.					
01 1112 111011	Talladega Co.	Oxford, Alabama 3	6202			Pasture / agrid	cultural
DI DIOLO AL	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.?
				Sand			
	280	165	~10	Silt	Grass		V
		S 9		Gravel	Ciuos		Yes
		2 3		Glavei			
	(#19)	(#20)	(#21)	(#22)	(1100)		
	Average	Slope Length	Average	Slope Length	(#23)	(#24)	
AREA	Slope Along	(Along Length)	Slope Along		Steepest	Is There Evider	
SLOPE	Length	(ft)	Width	(Along Width)	Slope	Erosion or Area	a Stability
DATA	(H) : (V)	(11)	PRINCIPO GREETER	(ft)	(H) : (V)	Problem(s) ?	
	(11): (0)		(H) : (V)				2000
	3:1w/	50 арргох.	3:1	FO	6.4	122	
	Flat top	оо арргох.	5.1	50 арргох.	3:1	No	
			1	i			
SKETCH OF AREA		AREA PHOTOGR	APH				
711-	Hwy,						
SIDE VIEW	Creek	Photo Caption: /	Area 24, view to	o the east toward	Highway 21 brid	dge.	

AREA IDENTIFICATION		AREA 25 / Choco	olocco Creek				
DATE OF INSPECTIO	.,		INSPECTE	DBY: Golder A	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
	1122206.7393	652309.5733	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)		Weasmt.)	benchmarks)		
,	33° 35' 05.1703"	85° 50' 45.5931"	Left (L)	13,500	595.5	70	0 (at top of
	N (//40)	W			8		bank level)
LAND	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre				Land Use	
OWNERSHIP	E 1/2 = 61-05-	E 1/2 = Bruce W. C	orbett				
INFORMATION	03-06-0-000-	932 Allred Dr.				Flood plain / un	developed
	004-001	Oxford, Alabama 36					
	W 1/2 = 61-05-	W 1/2 = Werner C.	& Ruth E. Vog	jt			
	03-06-0-000-	7791 31st Ave. N	0710				
	004-008	St. Petersburg, FI 3	33710				
	Talladega Co.		1572 SON TOWN				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area	Descr	ription	Well Estab.
			-NA-				
	110	100	Depth =	Sandy loam	Grass, weeds	s small oak	Yes
je.			4 to 5	The second second	trees planted	0.000 0-21 -0.000 0	103
140			per NRCS		57	along	
	(#19)	(#20)	(#21)	(#22)	perimeter	(#24)	
	Average	Slope Length	Average	Slope Length	(#23) Steepest	(#24) Is There Evider	ass of Character
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Area	
SLOPE	Length	(ft)	Width	(ft)	(H): (V)	Problem(s) ?	Stability
DATA	(H):(V)	V: -7	(H): (V)	(11)	(11).(0)	1 Toblem(s):	
	Flat	-NA-	Flat	-NA-	Flat	No	V-10
SKETCH OF AREA		AREA PHOTOGR			, ide	140	
choc. C	~ 70°						
IN E	100' 110' PILE						
TOP VIEW							
PILE PILE	Choc Creek				Open		
SIDE VIEW	3	Photo Caption:	Area 25, view f	o the north			4

AREA IDENTIFICATION	ON NUMBER :	AREA 26 / Choco	colocco Creek				A S
DATE OF INSPECTIO		7 11 127 120 7 011000	INSPECTED) BY : Golder A	Associates / Roi	LIV 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
	1122863.8876	653390.9506	Bank ?	from Snow Cr.	(approx.)	of Area to	(# 8)
LOCATION	1122000.0070	000000.0000	(looking	Confluence	118-10-119-10-14-10-12-12-1	Creek	
(w/r to Centroid)	(#3)	(#4)		Markey	(ft-MSL))	(approx.)
(Wit to Centroid)	Latitude	Longitude	downstm)	(ft)	(from NRCS	Top of Bank	(ft)
	PARAMETER PROPERTY			(from map	reference	(ft)	
	(via GPS) 33° 35' 11.6729"	(via GPS) 85° 50' 32.8112"	Di-let (D)	measurement)	benchmarks)		
			Right (R)	12,000	595.8	~40	0 (at top of
	N	W	1				bank level)
LAND	(#10)	(#11)				(#12)	
LAND	Parcel No.	Owner Name/Addre	988			Land Use	
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver	0-8000				
INFORMATION	3-01-001	1 Meadowlake Farm				Pasture / agric	ultural
	Calhoun Co.	Oxford, Alabama 3	6203				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	Width	Height	Soil Type	Cover T	vpe and	Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab.
	(1.7)	(1.7)	-NA-	~			
	4.40		10000000	Sand,	Grass and we	and the second	Yes,
	140	60	Depth =	Silt	most of area,	however at	except as
	,		4 to 6	Gravel	the edge of fill	/ borrow	noted under
			per NRCS		pit interface, n	io cover.	#17.
	(#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	
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H): (V)		(H):(V)	, ,	22.25.27.25		
	Flat	-NA-	Mostly	-NA-	3:1 where	No, however s	ome
58			flat		fill transitions	soil is exposed	
			17702-0003		into old	the location no	
					borrow pit.	#17.	
SKETCH OF AREA		AREA PHOTOGR	APH		20.1011 pt.		
PILE TOP VIEW	Lower Portion of old Pit filled 140' 						
SIDE VIEW	RIO						
SIDE NICH		Photo Caption:	Area 26, view	to the southwest.			

AREA IDENTIFICATIO	N NUMBER :	Area 28 A / Chocc	olocco Creek				
DATE OF INSPECTION			INSPECTED		Associates / Rou		
	(#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		a	(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′ 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 Farm	n Rd.			Pasture / agric	ultural
	Calhoun Co.	Oxford, Alabama 3	6203				
	(#13)	(#14)	(#15)	(#16)	(#	17)	(#18)
PHYSICAL	Length	VVidth	Height	Soil Type	Cover T	ype and	Is Vegetation
DESCRIPTION	24-207	(ft)	(ft)	in Area	1	ription	Well Estab.
DESCRIPTION	(ft)	(11)		III / NIGO	Dusc	, ,puon	Yes,
	ESPANO.200		-NA-				
	240	70	Depth =	Sands	Grass and wee	eas	except a
	O 24		5 to 6	Silts			dry spot on
		9	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 Are	a Stability
SLOPE	Length	(ft)	Width	(ft)	(H):(V)	Problem(s) ?	
DATA	(H) : (V)	* * * * * * * * * * * * * * * * * * * *	(H):(V)		Y		
	Flat	-NA-	Flat	-NA-	Flat	No	
SKETCH OF AREA		AREA PHOTOGRA	ADH				
√,	PILE 240' CREEK Choc. CREEK						
SIDE VIEW		Photo Caption:	Area 28A, vie	w to the east			

AREA IDENTIFICATION	ON NUMBER :	AREA 28 B / Cho	ccolocco Creel	(283 27		
	N. 00/04/00		INIOPEOTEE	. 5.4			Service Servic
DATE OF INSPECTIO		(40)	INSPECTED		Associates / Rou		(40)
	(#1) Northing	(#2) Easting	(#5) Left (L) or	(#6) Distance	(#7) Top / Crest	(#8) Horiz. Dist.	(#9) Elevation
	(via GPS) 1124326.1238	(via GPS) 656211.7946	Right (R) Bank ?	Downstream from Snow Cr.	Elevation (approx.)	From Toe of Area to	Drop Along (#8)
LOCATION			(looking	Confluence	(ft-MSL)	Creek	(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)	(10)	
	33° 35' 26.1406"	85° 49' 59.4665" W	Right (R)	9,000	596.1	80	0 (at top of
	(#10)	(#11)	L			(#12)	(bank level)
LAND	Parcel No.	Owner Name/Addre	ess			Land Use	
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver					
INFORMATION	4-01-002	1 Meadowlake Fam				Pasture / agric	ultural
	Calhoun Co.	Oxford, Alabama 3	7	/#16\	/#	17)	(#18)
PHYSICAL	(#13) Length	(#14) Width	(#15) Height	(#16) Soil Type	Cover T		(#10) Is Vegetation
DESCRIPTION	(ft)	(ft)	(ft)	in Area		ription	Well Estab. ?
	(-7		-NA-	7	11		
	155	45	Depth =	Sands	Grass and wee	ds	Yes
		r r	6 to 7	Silts			
	(#40)	(#20)	per NRCS	(#22)	(#23)	(#24)	
18	(#19) Average	(#20) Slope Length	(#21) Average	Slope Length	Steepest	Is There Evide	nce of Slump.
AREA	Slope Along	(Along Length)	Slope Along	(Along Width)	Slope	Erosion or Are	
SLOPE	Length	(ft)	Width	(ft)	(H) : (V)	Problem(s) ?	
DATA	(H): (V)		(H) : (V)				
	Flat	-NA-	Flat	-NA-	Flat	No	
			=				
SKETCH OF AREA		AREA PHOTOGR	RAPH				
155'	15' 1N -PILE 1/2 30'						
TOP VIEW	Choc CREEK 801						
PILE 7'	Chac.						
SIDE VIEW		Photo Caption:	Area 28B, vie	w to the north.			

AREA IDENTIFICATIO	ON NUMBER :	AREA 29 / Chocc	olocco Creek				
DATE OF INSPECTIO	N: 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.	(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)	(1.5)
	(via GPS)	(via GPS)		measurement)	benchmarks)	0.9	
	33° 35' 37.2064"	85° 49' 48.6254"	Right (R)	6,500	597.8	10	0 (at top of
	N	W	1g (1)	5,555	007.0	10	bank level)
	(#10)	(#11)			L	(#12)	ballik level)
LAND	Parcel No.	Owner Name/Addre	988			Land Use	
OWNERSHIP	11-21-09-31-	Phyllis S. Weaver	-33			Land Ose	
INFORMATION	4-01-002	1 Meadowlake Farm	. Pd			Posturo / ogrio	ultural
IN OROUNTION	Calhoun Co.	Oxford, Alabama 3				Pasture / agric	ullulai
					T		The same and the s
Part Stock Mercanic Accidental Communication	(#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-				
	215	55	Depth =	Sands	Grass and wee	da	Yes
	210	33			Grass and wee	us	res
			4 to 5	Silts			
			per NRCS				
	(#19)	(#20)	(#21)	(#22)	(#23)	(#24)	
	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)				
	Flat	-NA-	Flat	-NA-	Flat	No	
SKETCH OF AREA		AREA PHOTOGR	"				
.1	Choc CREEK						
PILE 5'	Choc creek						

Northing (via GPS) (looking from Snow Cr. (app				
(#1)				(6
Northing	ciates / Ro	iates / Roux	Assoc.	
(wia GPS)	(#7)	(#7)	(#8)	(#9)
1127040.2954 657579.5389 Bank ? (looking) Gownstrul Gown	op / Crest	p / Crest	Horiz. Dist.	Elevation
Confluence (#3)	Elevation	levation	From Toe	Drop Along
(w/r to Centroid) (#3)	approx.)		of Area to	(# 8)
Latitude (via GPS)	ft-MSL)		Creek	(арргох.)
(via GPS) 33° 35° 52° 9926° N (via GPS) (via GPS) 33° 35° 52° 9926° N (#10) (#10) (#11) Parcel No. 11-21-09-32- 2-01-006 Calhoun Co. (#13) Calhoun Co. (#13) Calhoun Co. (#13) Calhoun Co. (#14) (#15) (#16) (#15) (#16) (#16) (#16) (#17) (#17) (#17) (#18) (#18) (#19) (#20) (#20) (#21) (#22) (#22) (#22) (#22) (#22) (#22) (#22) (#23) Average Slope Along SLOPE Length (Along Length) (Alo	om NRCS		Top of Bank	(ft)
33° 35' 52.9926' 85° 49' 43.2965' Left (L) 3,500 60	eference		(ft)	l.
N	602.2		300	0/644
LAND	002.2	002.2	300	0 (at top of bank level)
OWNERSHIP INFORMATION 11-21-09-32- 2-01-006 1700 Cheaha Dr. Calhoun Co. Oxford, Alabaman 36203 (#13)			(#12)	L parik level)
INFORMATION 2-01-006 Calhoun Co. 1700 Cheaha Dr. Oxford, Alabama 36203			Land Use	
Calhoun Co. Oxford, Alabama 36203	-			
(#13)		F	Pasture / agrid	cultural
PHYSICAL DESCRIPTION (ft) (f				
DESCRIPTION (ft) (ft) (ft) in Area 135	(#	(#17	7)	(#18)
DESCRIPTION (ft) (ft) (ft) in Area		Cover Typ		Is Vegetation
135		Descrip		Well Estab. ?
135 230 Depth = Silts Grass Gravel NRCS		Возспр	20011	VVCII LStab. :
(#19) (#20) (#21) (#22) (#21) Average Slope Length Average Slope Length Slope Along (Along Length) Width (H): (V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH 2 per NRCS (#21) (#22) (#22) (#22) (#22) (#23) (#24) (#22) (#24) (#25) (#26) (#26) (#27) (#27) (#27) (#27) (#28) Slope Length (Along Width) (ft) (#1): (V) Mostly flat, except at edges AREA PHOTOGRAPH AREA PHOTOGRAPH AREA PHOTOGRAPH AREA PHOTOGRAPH AREA PHOTOGRAPH AREA PHOTOGRAPH	200	00		V
(#19) (#20) (#21) (#22) (#21) Average Slope Length Average Slope Length Stee Slope Along (Along Length) Slope Along (Along Width) (ft) (H): (V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH NRCS (#21) (#22) (#2) (#22) (#2) Slope Length Average Slope Length Stee Slope Along (Along Width) (ft) (H): (V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH RILE 135' 300' 230' CNDC CReew	155	55		Yes
(#19) (#20) (#21) (#22) (#21) Average Slope Length (Along Length) Slope Along (Along Width) Slope Along (Along Length) (H): (V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH (#19) (#20) (#21) (#22) (#2) (#21) Average Slope Length (Along Length) Slope Along (Along Width) Slope Along (
AREA SLOPE Slope Along Length (Along Length) (Along Length) (Along Length) (Along Length) (Along Width) (Along Wid	(#23)	(#32)	(404)	
AREA Slope Along Length (Along Length) (Along Width) (H): (V) (H): (Width (H): (V) (teepest		(#24)	ence of Slump,
SLOPE DATA Length (H): (V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH PILE 135' 300' CNDC CREEN 135' 135'	Slope		Erosion or Are	
DATA (H):(V) Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH PILE 135' CNDC CREEK 300' 135' 21	H) : (V)		Problem(s) ?	a Stability
Mostly flat, except at edges SKETCH OF AREA AREA PHOTOGRAPH	7.(-7	, (,	robioliti(b) .	
except at edges SKETCH OF AREA AREA PHOTOGRAPH RILE 135' 300' CNDC CREEL 135' 135'				
SKETCH OF AREA AREA PHOTOGRAPH TOP VIEW 135' CNDC CREEK 135' 135' 135' 135' 135' 135'	5:1 at	:1 at	No	
SKETCH OF AREA AREA PHOTOGRAPH PILE 135' 300' CNDC CREEK 300' 135' 27' 21	uth and	uth and		
TOP VIEW 135' 300' Choc CReek 300' 135' 135' 135' 135' 135' 135'	st edges	t edges		
TOP VIEW 135' 300' Choc CReek 300' 135' 135' 135' 135' 135' 135'				
135' 300' Choc CReek 300' 135' 135' 135' 135' 135' 135' 135' 135				
135' 2' 2'				
SIDE VIEW Photo Caption: Area 31, view to the west.				

APPENDIX B

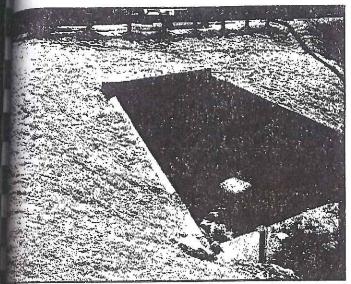
TYPICAL SPECIFICATIONS FOR EROSION CONTROL BLANKETS AND TURF REINFORCEMENT MATS

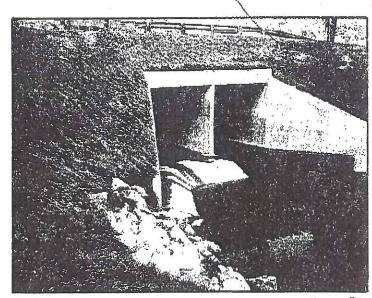


American Excelsior Company®

AN EMPLOYEE OWNED COMPANY

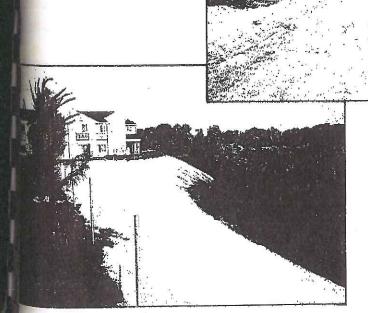
Curlex® Excelsior Blankets

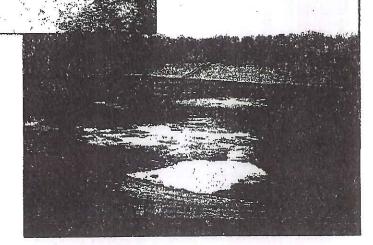




oduct....

Results



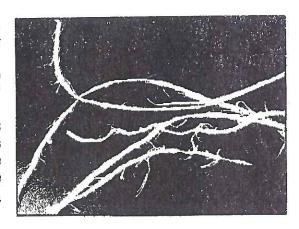


American Excelsior Company
"Working With Nature To Create a Better Environment"

Curlex® Blankets Have...

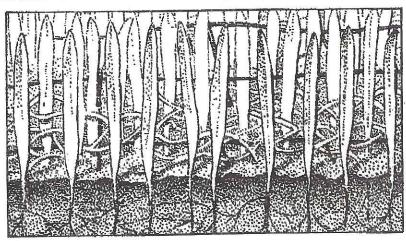
Curiex® Blankets have long passed the test of time, and their roven use has been seen by just about every agency or contractor who has disturbed soil.

Curlex Blankets have a unique ability to not only "cling" to the soil, but to cling to its own internal construction, due to the "barbed" fibers. This reduces soil loss and provides strength in its foundation. Curlex Blankets also have a natural "mechanical" action, by its ability to expand and contract during weather conditions. As fibers come in contact with moisture, it causes the fibers to expand. As the water is released into the soil, the drying causes contraction of the fibers. This expansion/contraction helps the fibers dig into the soil, thus the natural mechanical action.



Curlex Blankets:

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



American Excelsior Company produces a large variety of products related to 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 04/05/98 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)	56.25 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

Fiber Size:

80% of fibers a minimum of 6" (15.24 cm) long $0.038" \pm 0.010"$ wide by $0.018" \pm 0.003"$ thick

(0.97 mm ± 0.25 mm wide by 0.45 mm ± 0.08 mm thick)

Water Absorption:

250% ± 25%

Weight:

0.98 lb/sy (0.53 kg/m²) \pm 10%

Net:

Polypropylene (green or white-UV degrader additive)

Not Opening Size:

3/4" wide by 1-5/8" long (19 mm wide by 41 mm long)

Net Configuration:

Top side only

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



AN EMPLOYEE OWNED COM

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'

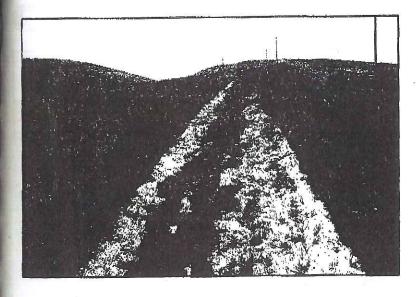
Weight:

.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'.

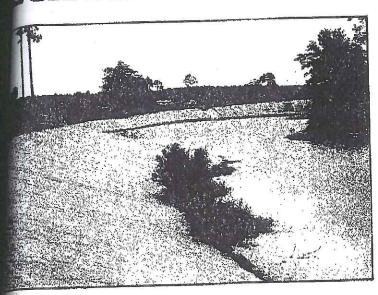
4'x 112.5',

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 areas, Parks, etc.

Roll Sizes:

4'x 180',

4'x 112.5"

8'x 90'

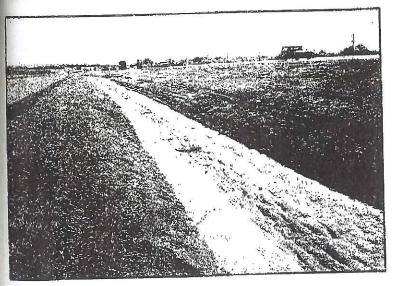
Weight

1.06 lbs./sq. yd.

Options:

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

Curlex®III (HV)



SPECIFICATION

The excelsior blanket shall consist of a heavy weight construction of a machined, curled wood fiber, produced in a mat form. Fibers shall consist of 80% six-inch or longer fibers with consistent thickness and evenly distributed over its entire areas. Each side is covered with black, 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:

81 x 501 4'x 100'.

Weight

1.62 lbs./sq. yd.

ion Instructions

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

			SLC	PES				
aduct	Staple Diagram		Staples		Seam Overlap		Installation	
(9)15	Cohesine	Non-Cohesive	Cuhesive	Non-Gehesive	Cohasivo	Non-Cohesive	Cobesivo	Non-Cahesive
urlex I	A	A	D	E	- d#	F	Н	1
_{Curl} ex II	Α	A	ם	Ē	 0	F	Н	ł
quickGrass	. A	A	D	E	de	F	H	1

		CHAP	INE	.5		r = +145 = +100	
Product	Staple	Diagram	Staples		Seam Overlap (with flow direction)		
Soils	Cohasive	Non-Cohesive	Cohesive	Non-Cohesive	Cohasive	Non-Cohesive	
Curlex I	B	В	Þ	E	G	G	
Curiez II	8	B	D	E	G	G	
QuickGrass	8	В	D	E	G	G	
Curlex lil	C	С	D	E	G	G	

COHESIVE SOILS:

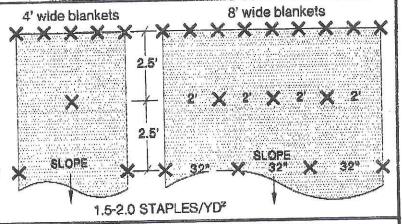
- No overlap required on side seams
- · Use 6" staple length

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.

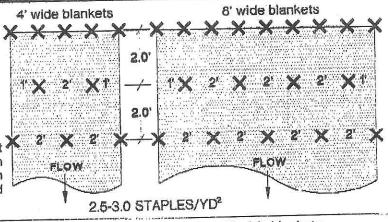


COHESIVE SOILS:

- 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 X X X X X X ×_{FLOW} × 3.5-4.0 STAPLES/YD2

D = 6x1x611 ga. wire E = 8x2x811 ga. wire

F = 2"

G=6"

H=Start 3' over grade break

i = Start 3' over grade break & trench

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 uge of staples used will vary with soil les. Use four staples across at the length of the roll at 2 ft. lervals. When blankets are placed long side each other, staple so as to lich the edge of each roll. In addition stapling the edges of the blanket at appropriate intervals (see drawing), ace staples in the center of the blanket lifway between the outer staples.

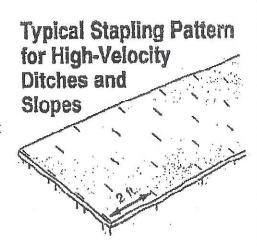
Hi-Velocity Curlex®

are recommended for the following water velocities:

Soil Types	Velocity/Fee Per Second
Clay, Clay Loam Silt Clay	٦,
Clay, Silty Clay, Sandy Clay Loa	m9.8 FPS

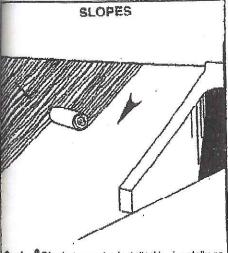
Fine Sandy Loam, Silty Loam..... 8.6 FPS

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.



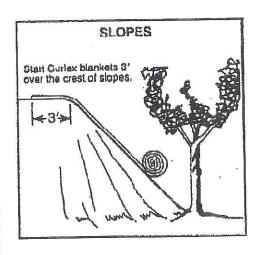
Use 4 staples across at the start of each roll and continue to staple throughout the length of the roll at 2 ft. intervals.

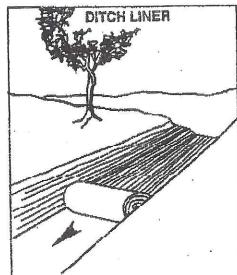
Overlap adjacent rolls 2" - 3" when used on horizontal installation. End and beginning of rolls overlap 6" minimum.



Curlex® Biankets 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 seam (edge of adjoining blanket) in the center of the water flow. Offset 6 inches to 1 foot.

Bury upstream end 6 inches.



American Excelsior Company

AN EMPLOYEE CAYNED COMPANY

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

LANDLOK® TRM 450 Turf Reinforcement Mat

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

PROPERTY	TEST METHOD	ENGLISH VALUES ² MARV TYPICAL		
Mechanical Tensile Strength Tensile Elongation Tensile Strength @ 10% Elongation	ASTM D5035 ³ ASTM D5035 ³ ASTM D5035 ³	170 x 125 lb/ft 50% (max) n/a	250 x 180 lb/ft 25% 105 x 90 lb/ft	
Endurance UV Resistance @ 1000 hrs	ASTM D4355	80%	90%	
Physical Mass Per Unit Area Thickness Resiliency ⁴ Moisture Absorption Porosity ⁵ Ground Cover Factor ⁶	ASTM D5261 ASTM D1777 ASTM D1777 ASTM D570 Calculated Light Projection Analysis	10.0 oz/yd² 0.50 in 80% 0.01% (max) 95% 74%	10.5 oz/yd² 0.60 in 90% 0.01% (max) 95% 85%	
Performance Velocity' Shear Stress ⁷			10 ft/sec 4 1b/ft ²	

ROLL SIZES:

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

Formerly test method ASTM D1682.

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.

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.

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 remoting 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.

Top of Page | Geosynthetics Home Page | Corporate Home Page | Fibermesh Home Page | Response Form

Contact us:

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

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

© 1997 Synthetic Industries, Inc.