

PRELIMINARY DETERMINATION

PERMIT RENEWAL & VARIANCE

Dale County Commission
202 South Highway 123, Suite C
Ozark, Alabama 36360

Dale County C/D Landfill
Permit No. 23-06

XXX XX, 2026

The Dale County Commission applied to the Alabama Department of Environmental Management (ADEM) for renewal and variance of the Solid Waste Disposal Facility Permit for the Dale County C/D Landfill. The Permittee requested a variance from ADEM Admin. Code 335-13-4-.12(2)(f) requiring a 100-foot buffer zone. The proposed variance would allow for a 50-foot buffer zone around Cells 4 and 5.

The waste stream for the Dale County C/D Landfill would remain non-putrescible and non-hazardous construction and demolition waste, tires, and rubbish as defined by ADEM Admin. Code 335-13-1-.03. The service area for the Dale County C/D Landfill would remain Dale County, Alabama. The maximum average daily volume of waste disposed at the Dale County C/D Landfill would remain 65 tons a day.

The landfill is located in Sections 12 and 13, Township 5 North, Range 24 East in Dale County, Alabama. The permitted facility consists of approximately 272.33 acres with 40.02 acres for disposal operations.

The Land Division has determined that the permit renewal and variance application meets the applicable requirements of ADEM's Administrative Code Division 13 regulations.

Technical Contact:

Isabel Bela
Solid Waste Engineering Section
Land Division
(334) 271-7954



SOLID WASTE DISPOSAL FACILITY PERMIT

PERMITTEE: Dale County Commission

FACILITY NAME: Dale County C/D Landfill

FACILITY LOCATION: Sections 12 and 13, Township 5 North, Range 24 East in Dale County, Alabama. The total permitted area is approximately 272.33 acres with 40.02 acres approved for disposal.

PERMIT NUMBER: 23-06

PERMIT TYPE: Construction/Demolition (C/D) Landfill

WASTE APPROVED FOR DISPOSAL: Non-putrescible and non-hazardous construction and demolition waste, tires, and rubbish as defined by ADEM Admin. Code 335-13-1-.03.

APPROVED WASTE VOLUME: Maximum Daily Volume of 65 tons per day

APPROVED SERVICE AREA: Dale County, Alabama

In accordance with and subject to the provisions of the Alabama Solid Wastes and Recyclable Materials Management Act, as amended, Code of Alabama 1975, SS 22-27-1 to 22-27-27 ("SWRMMA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, SS 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to dispose of the above-described solid wastes at the above-described facility location.

ISSUANCE DATE: XXX XX, 2026

EFFECTIVE DATE: XXX XX, 2026

EXPIRATION DATE: XXX XX, 2036

**ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
SOLID WASTE PERMIT**

Permittee: Dale County Commission
1702 South Highway 123, Suite C
Ozark, Alabama 36360

Landfill Name: Dale County C/D Landfill

Landfill Location: Sections 12 and 13, Township 5 North, Range 24 East in Dale County, Alabama

Permit Number: 23-06

Landfill Type: Construction and Demolition Landfill

Pursuant to the Solid Wastes & Recyclable Materials Management Act, Code of Alabama 1975, Section 22-27-1, *et seq.*, as amended, and attendant regulations promulgated thereunder by the Alabama Department of Environmental Management (ADEM), this permit is issued to Dale County Commission (hereinafter called the Permittee), to operate a solid waste disposal facility, known as the Dale County C/D Landfill.

The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions set forth herein (including those in any attachments), and the applicable regulations contained in Chapters 335-13-1 through 335-13-16 of the ADEM Administrative Code (hereinafter referred to as the "ADEM Admin. Code"). Rules cited are set forth in this document for the purpose of Permittee reference. Any Rule that is cited incorrectly in this document does not constitute grounds for noncompliance on the part of the Permittee. Applicable ADEM Administrative Codes are those that are in effect on the date of issuance of this permit or any revisions approved after permit issuance.

This permit is based on the information submitted to ADEM on March 9, 2023 for permit renewal, and March 23, 2026, for variance and as amended, and is known as the Permit Application (hereby incorporated by reference and hereinafter referred to as the Application). Any inaccuracies found in this information could lead to the termination or modification of this permit and potential enforcement action. The Permittee must inform ADEM of any deviation from or changes in the information in the Application that would affect the Permittee's ability to comply with the applicable ADEM Admin. Code or permit conditions.

This permit is effective as of **XXX XX, 2026** and shall remain in effect until **XXX XX, 2036**, unless suspended or revoked.

Alabama Department of Environmental Management

Date Signed

SECTION I. STANDARD CONDITIONS

- A. Effect of Permit. The Permittee is allowed to dispose of nonhazardous solid waste in accordance with the conditions of this permit and ADEM Administrative Code, Division 13. Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of state or local laws or regulations. Except for actions brought under Code of Alabama 1975, Section 22-27-1, *et seq.*, as amended, compliance with the conditions of this permit shall be deemed to be compliance with applicable requirements in effect as of the date of issuance of this permit and any future revisions.
- B. Permit Actions. This permit may be suspended, revoked or modified for cause. The filing of a request for a permit modification or the notification of planned changes or anticipated noncompliance on the part of the Permittee, and the suspension or revocation does not stay the applicability or enforceability of any permit condition.
- C. Severability. The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
- D. Definitions. For the purpose of this permit, terms used herein shall have the same meaning as those in ADEM Administrative Code, Division 13, unless this permit specifically provides otherwise; where terms are not otherwise defined, the meaning associated with such terms shall be as defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.
1. "EPA" for purposes of this permit means the United States Environmental Protection Agency.
 2. "Permit Application" for the purposes of this permit, means all permit application forms, design plans, operational plans, closure plans, technical data, reports, specifications, plats, geological and hydrological reports, and other materials which are submitted to the Department in pursuit of a solid waste disposal permit.
- E. Duties and Requirements.
1. Duty to Comply. The Permittee must comply with all conditions of this permit except to the extent and for the duration such noncompliance is authorized by a variance granted by the Department. Any permit noncompliance constitutes a violation of Code of Alabama 1975, Section 22-27-1 *et seq.*, as amended, and is grounds for enforcement action, permit suspension, revocation, modification, and/or denial of a permit renewal application.
 2. Duty to Reapply. If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must apply for and obtain a new permit. The renewal application must be submitted to the Department at least 180 days before this permit expires.
 3. Permit Expiration. This permit and all conditions therein will remain in effect beyond the permit's expiration date if the Permittee has submitted a timely, complete application as required by Section I, Paragraph E, Subparagraph 2, and, through no fault of the Permittee, the Department has not made a final decision regarding the renewal application.
 4. Need to Halt or Reduce Activity Not a Defense. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit.
 5. Duty to Mitigate. In the event of noncompliance with this permit, the Permittee shall take all reasonable steps to minimize releases to the environment, and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment.

6. Proper Operation and Maintenance. The Permittee shall at all times properly operate and maintain all facilities and systems of control (and related appurtenances) that are installed or used by the Permittee to achieve compliance with the conditions of this permit.
7. Duty to Provide Information. If requested, the Permittee shall furnish to ADEM, within a reasonable time, any information that ADEM may reasonably need to determine whether cause exists for denying, suspending, revoking, or modifying this permit, or to determine compliance with this permit. If requested, the Permittee shall also furnish the Department with copies of records kept as a requirement of this permit.
8. Inspection and Entry. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow the employees of the Department or their authorized representative to:
 - a. Enter at reasonable times the Permittee's premises where the regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
 - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.
 - d. Sample or monitor, at reasonable times, any substances or parameters at any location for the purposes of assuring permit compliance or as otherwise authorized by Code of Alabama 1975, Section 22-27-1 *et seq.*
9. Monitoring, Corrective Actions, and Records.
 - a. Samples and measurements taken for the purpose of monitoring or corrective action shall be representative of the monitored activity. The methods used to obtain representative samples to be analyzed must be the appropriate method from ADEM Admin. Code 335-13-4 or the methods as specified in the Application and incorporated by reference. Laboratory methods must be those specified in Standard Methods for the Examination of Water and Wastewater (American Public Health Association, latest edition), Methods for Chemical Analysis of Water and Wastes (EPA-600/4-79-020), Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (EPA Publication SW-846, latest edition), other appropriate EPA methods, or as specified in the Application. All field tests must be conducted using approved EPA test kits and procedures.
 - b. The Permittee shall retain records, at the location specified in Section I, Paragraph I, of all monitoring, or corrective action information, including all calibration and maintenance records, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report or record or for periods elsewhere specified in this permit. These periods may be extended by the request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
 - c. Records of monitoring and corrective action information shall include:
 - i. The exact place, date, and time of sampling or measurement.
 - ii. The individual(s) and company who performed the sampling or measurements.
 - iii. The date(s) analyses were performed.
 - iv. The individual(s) and company who performed the analyses.

- v. The analytical techniques or methods used.
 - vi. The results of such analyses.
 - d. The Permittee shall submit all monitoring and corrective action results at the interval specified elsewhere in this permit.
10. Reporting Planned Changes. The Permittee shall notify the Department, in the form of a request for permit modification, at least 120 days prior to any change in the permitted service area, increase in the waste received, or change in the design or operating procedure as described in this permit, including any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
11. Transfer of Permit. This permit may be transferred to a new owner or operator. All requests for transfer of permits shall be submitted electronically via the Department-approved electronic system. Before transferring ownership or operation of the facility during its operating life, the Permittee shall notify the new owner or operator in writing of the requirements of this permit.
12. Certification of Construction. Before the Permittee may commence disposal of waste in any new cell or phase:
- a. The Permittee must submit a letter to the Department signed by both the Permittee and a professional engineer stating that the facility has been constructed in compliance with the permit.
 - b. The Department must inspect the constructed cells of phases unless the permittee is notified that the Department will waive the inspection.
 - c. The Permittee may not commence disposal activities in any new cells or phases until approval of the new cells or phases is granted by the Department.
13. Noncompliance. The Permittee shall report all instances of noncompliance with the permit at the time noncompliance is discovered.
14. Other Information. If the Permittee becomes aware that information required by the Application was not submitted or was incorrect in the Application or in any report to the Department, the Permittee shall promptly submit such facts or information. In addition, upon request, the Permittee shall furnish to the Department, within a reasonable time, information related to compliance with the permit.
- F. Design and Operation of Facility. The Permittee shall maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or nonsudden release of contaminants (including leachate and explosive gases) to air, soil, groundwater, or surface water, which could threaten human health or the environment.
- G. Inspection Requirements.
- 1. The Permittee shall comply with all requirements of ADEM Admin. Code 335-13-4-.21(1)(b).
 - 2. The Permittee shall conduct random inspections of incoming loads.
 - 3. Records of all inspections shall be included in the operating record.
- H. Recordkeeping and Reporting.
- 1. The Permittee shall maintain a written operating record at the location specified in Section I.,I. The operating record shall include:

- a. Documentation of inspection and maintenance activities.
 - b. Daily Volume reports.
 - c. Personnel training documents and records.
 - d. Solid/Hazardous Waste Determination Forms for Industrial Wastes, and associated ADEM disposal approval correspondence for industrial waste and special waste.
 - e. Groundwater monitoring records.
 - f. Explosive gas monitoring records.
 - g. Surface water and leachate monitoring records.
 - h. Copies of this Permit and the Application.
 - i. Copies of all variances granted by ADEM, including copies of all approvals of special operating conditions.
2. Quarterly Volume Report. Beginning with the effective date of this permit, the Permittee shall submit, within thirty (30) days after the end of each calendar quarter, a report summarizing the daily waste receipts for the previous (just ended) quarter. Copies of the quarterly reports shall be maintained in the operating record.
3. Monitoring and Corrective Action Reports. The Permittee shall submit reports on all monitoring and corrective action activities conducted pursuant to the requirements of this permit, including, but not limited to, groundwater, surface water, explosive gas and leachate monitoring. The groundwater monitoring shall be conducted in March and September of each year, or as directed by ADEM, and the reports shall be submitted at least semi-annually, or as directed by ADEM. The reports should contain all monitoring results and conclusions from samples and measurements conducted during the sampling period. Explosive gas monitoring must be submitted once each year, and the reports should be submitted to ADEM and placed in the operating record within 30 days of the monitoring event. Copies of the groundwater and explosive gas monitoring reports shall be maintained in the operating record.
4. Availability, Retention, and Disposition of Records.
- a. All records, including plans, required under this permit or ADEM Admin. Code 335-13 must be furnished upon request, and made available at reasonable times for inspection by any officer, employee, or representative of ADEM.
 - b. All records, including plans, required under this permit or ADEM Admin. Code 335-13 shall be retained by the Permittee for a period of at least three years. The retention period for all records is extended automatically during the course of any unresolved enforcement action regarding the facility, or as requested by ADEM.
 - c. A copy of records of waste disposal locations and quantities must be submitted to ADEM and local land authority upon closure of the facility.
- I. Documents to be Maintained by the Permittee. The Permittee shall maintain, at the Dale County C/D Landfill office, the following documents and amendments, revisions and modifications to these documents until an engineer certifies closure.
- 1. Operating record.
 - 2. Closure Plan.

- J. Submissions. All reports, notifications, or other submissions which are required by this permit should be submitted electronically via the Department-approved electronic system. The electronic submittal shall contain all required information and be formatted in an electronic file format approved by the Department.
- K. Signatory Requirement.
1. All applications, reports required by permits, or other information requested by the Department shall be signed and certified electronically by a responsible official under the following conditions:
 - a. If an individual, by the applicant.
 - b. If a city, county, or other municipality or governmental entity, by the ranking elected official, or by a duly authorized representative of that person.
 - c. If a corporation, organization, or other legal entity, by a principal executive officer, of at least the level of Vice President, or by a duly authorized representative of that person.
 2. Any document submitted electronically is assumed by the Department to have been submitted on behalf of the responsible official.
 3. The applicant assumes the responsibility of assuring himself that any electronic document submitted on his behalf would have been certified by his written signature.
- L. Confidential Information. The Permittee may claim information submitted as confidential pursuant to ADEM Admin. Code 335-1-1-.06.
- M. State Laws and Regulations. Nothing in this permit shall be construed to preclude the initiation of any legal action or to relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

SECTION II. GENERAL OPERATING CONDITIONS.

- A. Operation of Facility. The Permittee shall operate and maintain the disposal facility consistent with the Application, this permit, and ADEM Admin. Code 335-13.
- B. Open Burning. The Permittee shall not allow open burning without prior written approval from ADEM and other appropriate agencies. A burn request should be submitted electronically to the Department via the Department-approved electronic system, outlining why that burn request should be granted. This request should include, but not be limited to, specifically what areas will be utilized, types of waste to be burned, the projected starting and completion dates for the project, and the projected days and hours of operation. The approval, if granted, shall be included in the operating record.
- C. Prevention of Unauthorized Disposal. The Permittee shall follow the approved procedures, as provided in the Application, for detecting and preventing the disposal of free liquids, regulated hazardous waste, regulated PCB waste, regulated medical waste, and other unauthorized waste streams at the facility.
- D. Unauthorized Discharge. The Permittee shall operate the disposal facility in such a manner that there will be no water pollution or unauthorized discharge. Any discharge from the disposal facility or practice thereof may require a National Pollutant Discharge Elimination System permit under the Alabama Water Pollution Control Act.
- E. Industrial Waste Disposal. The Permittee shall not dispose of industrial process waste at this landfill. Only those wastes shown in Section III, Paragraph B are allowed for disposal in this landfill.
- F. Boundary Markers. The Permittee shall ensure that the facility is identified with a sufficient number of permanent boundary markers that are at least visible from one marker to the next.

- G. Certified Operator. The Permittee shall be required to have an operator certified by the Department on-site during hours of operation, in accordance with the requirements of ADEM Admin. Code 335-13-12.

SECTION III. SPECIFIC REQUIREMENTS FOR C/D LANDFILLS

A. Waste Identification and Management

1. Subject to the terms of this permit, the Permittee may dispose of the nonhazardous solid wastes listed in Section III, Paragraph B. Disposal of any other wastes is prohibited, except waste granted a temporary or one time waiver by the Director.
2. The total permitted area for the Dale County C/D Landfill is approximately 272.33 acres, with 40.02 acres approved for disposal.
3. The maximum average daily volume of waste disposed at the facility, as contained in the permit application, shall not exceed 65 tons/day. Should the average daily volume exceed this value by 20% or 100 tons/day, whichever is less, for two (2) consecutive quarters the permittee shall be required to modify the permit in accordance with ADEM Admin. Code 335-13-5-.06(2)(b)2. The average daily volume shall be computed as specified by ADEM Admin. Code 335-13-4-.23(2)(f).

- B. Waste Streams. The Permittee may accept for disposal non-putrescible and non-hazardous construction and demolition waste, tires, and rubbish as defined by ADEM Admin. Code 335-13-1-.03.

- C. Service Area. The Permittee is allowed to receive for disposal waste from the Dale County, Alabama.

- D. Waste Placement, Compaction, and Cover. All waste shall be confined to an area as small as possible within a single working face and placed onto an appropriate slope not to exceed 4 to 1 (25%) or as otherwise approved by ADEM. All waste shall be spread in layers two feet or less in thickness and thoroughly compacted weekly with adequate landfill equipment prior to placing additional layers of waste or placing the weekly cover. A minimum of six inches of compacted earth or other alternative cover material approved by ADEM and listed in Section VIII shall be added at the conclusion of each week's operation. These are minimum requirements for waste placement, compaction and cover unless a variance is granted in Section VIII.

- E. Liner Requirements. At this time, the Permittee shall not be required to install a liner system. The bottom of the construction and demolition waste shall be a minimum of five (5) feet above the highest measured groundwater level as determined by ADEM Admin. Code 335-13-4-.11(2)(a).

- F. Security. The Permittee shall provide artificial and/or natural barriers, which prevent entry of unauthorized vehicular traffic to the facility.

- G. All Weather Access Roads. The Permittee shall provide an all-weather access road to the dumping face that is wide enough to allow passage of collection vehicles.

- H. Adverse Weather Disposal. The Permittee shall provide for disposal activities in adverse weather conditions.

- I. Personnel. The Permittee shall maintain adequate personnel to ensure continued and smooth operation of the facility.

- J. Environmental Monitoring and Treatment Structures. The Permittee shall provide protection and proper maintenance of environmental monitoring and treatment structures.

- K. Vector Control. The Permittee shall provide for vector control as required by ADEM Admin. Code 335-13.

- L. Bulk or Noncontainerized Liquid Waste. The Permittee shall not dispose of bulk or noncontainerized liquid waste, or containers capable of holding liquids, unless the conditions of ADEM Admin. Code 335-13-4-.23(1)(j) are met.
- M. Empty Containers. Empty containers larger than 10 gallons in size must be rendered unsuitable for holding liquids prior to disposal in the landfill unless otherwise approved by ADEM.
- N. Other Requirements. ADEM may enhance or reduce any requirements for operating and maintaining the landfill as deemed necessary by the Land Division.
- O. Other Permits. The Permittee shall operate the landfill according to this and any other applicable permits.
- P. Scavenging and Salvaging Operations. The Permittee shall prevent scavenging and salvaging operations, except as part of a controlled recycling effort. Any recycling operation must be in accordance with plans submitted and approved by ADEM.
- Q. Signs. If the landfill is available to the public or commercial haulers, the Permittee shall provide a sign outlining instructions for use of the site. The sign shall be posted and have the information required by ADEM Admin. Code 335-13-4-.23(1)(f).
- R. Litter Control. The Permittee shall control litter.
- S. Fire Control. The Permittee shall provide fire control measures.

SECTION IV. GROUNDWATER MONITORING REQUIREMENTS:

Groundwater monitoring is not being required at this landfill provided that the waste stream is in accordance with Section III, Paragraph B. Should any waste be disposed other than the waste streams indicated in Section III, Paragraph B, the Department may require that groundwater-monitoring wells be installed.

SECTION V. GAS MONITORING REQUIREMENTS

The permittee must install and maintain an explosive gas monitoring system in accordance with ADEM Administrative Code, Division 13.

SECTION VI. SURFACE WATER MANAGEMENT

The permittee shall construct and maintain run-on and run-off control structures. Any discharges from drainage control structures shall be permitted through a discharge permit issued by the ADEM Water Division. Dale County is permitted to add an engineered sediment basin to the southwest corner of the landfill as surface water management. The sediment pond shall be designed and maintained in accordance with plans for Sediment Basin No. 1 included in the Application.

SECTION VII. CLOSURE AND POST-CLOSURE REQUIREMENTS

The Permittee shall close the landfill and perform post-closure care of the landfill in accordance with ADEM Admin. Code 335-13.

- A. Final Cover. The Permittee shall grade final soil cover such that surface water does not pond over the permitted area as specified in the Application. The final cover system shall be constructed as specified in the application.

- B. Vegetative Cover. The Permittee shall establish a vegetative or other appropriate cover, as approved by the Department, within 90 days after completion of final grading requirements in the Application. Preparation of a vegetative cover shall include, but not be limited to, the placement of seed, fertilizer, mulch, and water.
- C. Notice of Intent. The Permittee shall place in the operating record and notify ADEM of their intent to close the landfill prior to beginning closure.
- D. Completion of Closure Activities. The Permittee must complete closure activities of each landfill unit in accordance with the Closure Plan within 180 days of the last known receipt of waste.
- E. Certification of Closure. Following closure of each unit, the Permittee must submit to ADEM a certification, signed by a registered professional engineer, verifying the closure has been completed according to the Closure Plan.
- F. Post-Closure Care Period. Post-closure care activities shall be conducted after closure of each unit throughout the life of this permit and continuing for a period of a minimum of thirty (30) years following closure of the facility. ADEM may shorten or extend the post-closure care period applicable to the solid waste disposal facility.
- G. Post-Closure Maintenance. The Permittee shall provide post closure maintenance of the facility to include regularly scheduled inspections. This shall include maintenance of the cover, vegetation, monitoring devices and pollution control equipment and correction of other deficiencies that may be observed by ADEM. Monitoring requirements shall continue throughout the post closure period as determined by ADEM unless all waste is removed and no unpermitted discharge to waters of the State have occurred.
- H. Post-Closure Use of Property. The Permittee shall ensure that post closure use of the property never be allowed to disturb the integrity of the final cover, liner, or any other component of the containment system. This shall preclude the growing of deep-rooted vegetation on the closed area.
- I. Certification of Post-Closure. Following post-closure of each unit, the Permittee must submit to ADEM a certification, signed by a registered professional engineer, verifying the post-closure has been completed according to the Post-Closure Plan.
- J. Recording Instrument. The Permittee must provide documentation of compliance with the requirements of the Uniform Environmental Covenants Program in ADEM Admin. Code 335-5 and shall execute the following:
 1. Record a notation onto the land deed within 90 days from the certification of closure. This notation shall state that the land has been used as a solid waste disposal facility, the name of the Permittee, type of disposal activity, location of the disposal facility, and beginning and closure dates of the disposal activity.
 2. File the covenant at the courthouse where the land deed is held within thirty (30) days of receipt of the covenant signed by ADEM's Land Division Chief.
 3. The Permittee shall submit a certified copy of the recording instrument to ADEM within 120 days after permit expiration, revocation, or as directed by ADEM as described in the Application.
- K. Removal of Waste. If the Permittee or other person(s) wishes to remove waste, waste residues, the liner, or any contaminated soils, the owner must request and receive prior approval from ADEM.

SECTION VIII. VARIANCES

1. The Permittee is granted a variance from ADEM Admin. Code 335-13-4-.12(2)(f) requiring a 100-foot buffer zone. The Permittee may implement a 50-foot buffer zone surrounding Cells 4 and 5.

Any variance granted by the Department may be terminated by the Department whenever the Department finds, after notice and opportunity for hearing, that the petitioner is in violation of any requirement, condition, schedule, limitation or any other provision of the variance, or that operation under the variance does not meet the minimum requirements established by state and federal laws and regulations or is unreasonably threatening the public health.



202 S. Hwy 123, Suite A
Ozark, Alabama 36360
334.774.7875

Matthew W. Murphy, P.E.
County Engineer

DALE COUNTY ROAD AND BRIDGE

February 27, 2023

Received

MAR 09 2023

Land Division

Jared Kelly, Chief
ADEM/Land Division
Solid Waste Engineering Section
P.O. Box 301463
Montgomery, AL 36130-1463

Re: Permit Renewal Application
Dale County C/D Landfill
Permit 23-06

Dear Mr. Kelly

Please find attached, for your information and further handling, the Renewal Application and a check in the amount of \$5,400 for renewal of the above referenced permit.

If you have any questions or require additional information, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Murphy", is written over a faint, illegible typed name.

Matthew Murphy
County Engineer

**SOLID WASTE DISPOSAL FACILITY
PERMIT APPLICATION PACKAGE**

January 16, 2018

MEMORANDUM

TO: Applicants Seeking a Permit for Solid Waste Facilities

FROM: Stephen A. Cobb, Chief
Land Division
Alabama Department of Environmental Management

RE: Processing Solid Waste Permits by ADEM

Any permit issued by ADEM must be in accordance with §22-27-48 and §22-27-48.1 Code of Alabama. This section indicates that ADEM may not consider an application for a new or modified permit unless such application has received approval by the affected unit of local government having an approved plan. ADEM, therefore, will require the following before it can process a new or modified permit application:

1. The local government having jurisdiction must approve the permit application in accordance with §22-27-48 and §22-27-48.1 Code of Alabama.
2. Local governments should follow the procedures outlined in §22-27-48 and §22-27-48.1 Code of Alabama and the siting standards included in the local approved plan in considering approval of a facility.

This procedure applies to applications for new or modified permits. ADEM cannot review an application unless it includes approval from the affected local government. This procedure shall not apply to exempted industrial landfills receiving waste generated on site only by the permittee.

Please contact the Solid Waste Branch of ADEM at (334) 274-4201 if there are any questions.

SAC/sss/abj

SOLID WASTE APPLICATION

**PERMIT APPLICATION
SOLID WASTE DISPOSAL FACILITY
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
(Submit in Triplicate)**

1. Facility type: Municipal Solid Waste Landfill (MSWLF)
 Industrial Landfill (ILF)
 Construction and Demolition Landfill (C/DLF)
 CCR Landfill (CCRLF)
 CCR Surface Impoundment (CCRSI)
 Other (explain) _____

2. Facility Name Dale County C/D Landfill Permit Number 23-06

3. Applicant/Permittee:

Name: Dale County Commission

Address: 202 South AL-123 South, Suite A
 Ozark, Alabama 36360

Telephone: (334) 774-6262

If applicant/permittee is a Corporation, please list officers:

4. Location: (include county highway map or USGS map)

Township 5 North Range 24 East
Section 12 & 13 County Dale County

5. Land Owner:

Name: Dale County Commission

Address: 202 South AL-123 South, Suite C
 Ozark, Alabama 36360

Telephone: (334) 774-6262

(Attach copy of agreement from landowner if applicable.)

Solid Waste Permit Application
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6. Contact Person:

Name Matthew Murphy, P.E.

Position or Affiliation Dale County Engineer

Address: 202 South AL-123 South, Suite A
Ozark, Alabama 36360

Telephone: (334) 774-5875

7. Size of Facility:

272.33 Acres

Size of Disposal Area(s):

40.02 Acres

8. Identify proposed service area or specific industry that waste will be received from:

Dale County Alabama

9. Proposed maximum average daily volume to be received at landfill (choose one):

65 Tons/Day _____ Cubic Yards/Day

10. List all waste streams to be accepted at the facility (i.e., household solid waste, wood boiler ash, tires, trees, limbs, stumps, etc.):

Non-putrescible and non-hazardous construction and demolition waste, tires, and
rubbish as defines by ADEM Rule 335-13-1-.03.

SIGNATURE (Responsible official of permit applicant):

Steve McKinnon TITLE: Chairman

Steve McKinnon DATE: 2/27/23
(please print or type name)

ADDITIONAL REQUIRED INFORMATION

Applicants seeking to obtain a permit to construct and/or continue to operate a municipal solid waste (MSW) landfill, industrial landfill, construction and demolition (C/D) landfill, coal combustion residuals (CCR) landfill, or CCR surface impoundment are required to submit additional information as part of the Solid Waste Disposal Facility Permit Application. These additional information requirements vary depending on the facility type.

For new and existing landfill units, refer to ADEM Admin Code 335-13-5-.02 for a list of additional information to be submitted in the permit application. Some requirements apply only to MSW landfills and CCR landfills, while other requirements apply to industrial landfills and C/D landfills. You need only to address the requirements that pertain to your type landfill. For new and existing CCR surface impoundments, refer to ADEM Admin Code 335-13-15-.09 for additional information to be submitted in the permit application.

Each rule that is applicable to your type landfill or surface impoundment must be addressed in detail in the operational narrative and/or engineering drawings before the review process can be completed. All operational narratives, engineering drawings, survey maps and legal descriptions are to be prepared by licensed engineers or surveyors registered in the State of Alabama and with their stamp or seal on each drawing/map and cover of the narrative.

Act No. 89-824 Section 9(a) states "The department may not consider an application for a new or modified permit for a facility unless such application has received approval by the affected unit of local government having an approved plan." This document must be received by the Department prior to processing the application.

The referenced rules are covered in greater detail in ADEM's Administrative Code, Division 13. Clarification can be obtained by reviewing the regulations. Copies of the ADEM Administrative Code, Division 13 regulations, can be obtained for a fee by contacting ADEM's Permits and Services Division. If the Department can answer any questions, please contact the Solid Waste Branch at (334) 274-4201.

FEE SHEET FOR SOLID WASTE PERMITS

ADEM No.: 3032

Applicant: Dale County Commission

Location: Dale County C/D Landfill

Dale County, AL

Coordinates: 31.40243588, -85.58656024

Permit No.: 23-06

Date Application Received: 03/09/23

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
Municipal Solid Waste Landfill	\$83,880		\$37,270	
Minor Modification ¹		\$3,275		
Major Modification ²		\$32,615		
Construction/Demolition Landfill	\$7,145		\$5,400	\$5,400
Minor Modification ¹		\$1,460		
Major Modification ²		\$2,915		
Industrial Landfill	\$12,670		\$8,150	
Minor Modification ¹		\$1,460		
Major Modification ²		\$4,375		
Compost Facility	\$4,860		\$3,670	
Minor Modification ¹		\$1,225		
Major Modification ²		\$1,945		
Environmental Covenants				
Engineering Controls	\$6,425	\$1,610		
Registry Fee for Class 1 Controls	\$13,705	\$635		
Registry Fee for Class 2 Controls	\$9,420	\$635		
Registry Fee for Class 3 Controls	\$5,245	\$635		

Additional Fees				
Geological Review:	\$4,865	\$3,275	\$3,275	
Greenfield Site:	\$1,610			
Public Hearing:	\$8,450	\$8,450	\$8,450	
Name Change/Transfer:		\$800		
Variance Request	\$1,460	\$1,460	\$1,460	
Solid Waste Disposal Notification	\$215	\$215	\$215	

¹ These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(2)

² These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(1)

RECEIVED

MAR 17 2023

**ADEM
EDDS**

Total Fee Due:

Amount Submitted with Application:

Amount Received:

Amount to be Billed:

Amount Received:

Date Received:

Amount to be Refunded:

\$5,400
\$5,400
\$5,400
\$0
MUE 3/20/23
0

Fee Schedule Prepared by: MCM

Date: 3/17/23

Fee Schedule Reviewed by: JV

Date: 3/16/23

CX "95702"

DALE COUNTY COMMISSION

Vendor: 2686
ADEM

03/02/2023

95702

<u>Invoice Number</u>	<u>Invoice Date</u>	<u>PO Number</u>	<u>Account Number</u>	<u>Description</u>	<u>Invoice Amount</u>
Permit 23-06	02/27/2023	30535	512-54300-219	Dale County C/D Landfill	5,400.00

RECEIVED

MAR 17 2023

ADEM
EDDS

5,400.00

Southeast Environmental Compliance, Inc.

P.O. Box 7237 Gulf Shores, Alabama 36535
Phone: (334) 233-1994 email: seenvcomp@gmail.com

July 10, 2023

Mr. Jared Kelly, Chief
Solid Waste Engineering Section, Land Division
Alabama Department of Environmental Management
1400 Coliseum Blvd.
Montgomery, Alabama 36130

RE: Permit Renewal Supporting Documents
Dale County Landfill
Permit No. 23-06

Dear Mr. Kelly,

In response to the letter dated May 2, 2023, Mr. Jared Kelly, Chief – Engineering Section, Land Division, ADEM to the Honorable Mark Blakenship, Chairperson, Dale County Commission, requesting documents in support of the Solid Waste Permit renewal, Southeast Environmental Compliance has completed a file review of the Closed Sanitary Landfill file records and Dale County Landfill operating record.

The following documents are attached for each category of the permit renewal documents requested in the letter:

1. Variances

Letter dated April 25, 2008 from Mr. Derek Brewer, P.E., Dale County Road and Bridge to Mr. Rao Malladi, P.E., ADEM - Solid Waste Branch. Mod: Cell base grade elevation from 260.0 ft to 273.36 ft.

Letter dated April 22, 2009 from Mr. W. Michael Stubbs, P.E., Hodges, Harbin, Newberry & Tribble, Inc, to Mr. Brent Watson, Supervisor of Enforcement & Remediation, Land Division, ADEM. Minor Modification Request.

2. Local Approval

Included in the Permit Modification Application dated February 2006 from Environmental Consulting & Engineering, Inc.: Statement of Consistency dated January 24, 2007 and Dale County Commission, Resolution to Approve a Construction/Demolition Landfill Site in Dale County, dated February 13, 2006.

3. Siting Criteria

Letter dated December 10, 1993 from Mr. Ronald A. Krizman, Chief, Regulatory Branch USACE, Mobile District, to Mr. Anthony C. Rodriguez, Environmental Materials Consultants, Inc., Jurisdictional determination ALJ93-02704-W.

Mr. Jared Kelly, Chief
Solid Waste Engineering Section
July 10, 2023
Page 2

Letter dated January 7, 1994 from Mr. Alvin R. Diamond, Jr, Director, The Troy State University System, TSU Arboretum to Mr. Anthony C. Rodriguez, Environmental Materials Consultants, Inc. Endangered Species Survey Confirmation Needed.

Letter dated March 8, 1994 from Mr. F. Lawrence Oaks, State Historic Preservation Officer, Alabama Historical Commission to Mr. Anthony Rodriguez, Environmental Material Consultants, Inc. Archaeological and Cultural Resource Survey.

Letter dated March 6, 1995 from Mr. Alvin R. Diamond, Jr, Director, TSU Arboretum - The Troy State University System, to Mr. Eric Johnson, Environmental Materials Consultants, Inc. No Endangered Species Confirmed.

Letter dated April 12, 1995 from Mr. W. Haynes Kelley, Jr. P.E, Environmental Materials Consultants, Inc. to Mr. Gerald Hardy, Chief, Engineering Services Branch, Land Division, ADEM. Flood Zone Review, Uppermost Water Bearing Zone Delineation, Wetlands Survey and Endangered Species.

Letter dated July 11, 1996 from Mr. Larry E. Goldman, Field Supervisor, Fish and Wildlife Service, United States Department of the Interior to Mr. W. Haynes Kelley, Jr., Environmental Materials Consultants, Inc. Endangered Species.

Letter dated April 15, 1997 from Mr. Mike J. Newman, District Fisheries Supervisor & Mr. Fred Harders, Chief, Fisheries Section, DCNR to Mr. James W. Warr, Director, ADEM. DCNR Conditional Approval.

A Plan for Modification of the Dale County Landfill Permit To Accept Construction/Demolition Waste, dated May 1996 from Environmental Materials Consultants, Inc., Siting Standards: Zoning, Floodplain, Endangered or Threatened Species, Wetlands, Seasonal High Groundwater Table, Airports, Faults, Archaeological or Historical Significance.

4. Hydrogeologic Evaluation

Letter dated October 4, 1982 from Mr. Jack Honeycutt, Chief, Solid Waste Section, Land Program, ADEM to Mr. John Steensland, Jr. P.E., Dale County Engineer. Solid Waste Disposal-Geohydrologic Evaluation completed by Geological Survey of Alabama on September 23, 1982.

Memorandum dated June 18, 1992 from Mr. Dale Case, P.G., Hydrogeologist, Hydrogeology Unit, ADEM to Mr. Gerald Hardy, Chief, Engineering Services Branch. Hydrogeological Evaluation.

Letter dated January 31, 1994 from Mr. Anthony C. Rodriguez, Geologist and Mr. W. Haynes Kelley, Jr, P.E., President, Environmental Materials Consultants, Inc. to Ms. Sue Robertson, Land Division, ADEM. Geological Evaluation.

Request for Hydrogeologic Services form dated February 7, 1994 from Mr. Gary L. Hawkins, Land Branch, ADEM.

5. Stormwater Calculations

Letter dated April 14, 2009 from Mr. Gary L. Weekley, P.E. and Mr. Daniel B. Bunnell, P.E.. Bunnell-Lammons Engineering, Inc. to Mr. W. Michael Stubbs, P.E., Hodges, Harbin, Newberry & Tribble, Inc. Geotechnical Review Sediment Basin No. 1.

Stormwater Design Calculations for Dale County C&D Landfill, Sediment Basin No. 1 Report dated April 2009 by Hodges, Harbin, Newberry & Tribble, Inc.

6. Operations Plan

Dale County C/D Landfill Waste Screening Program.

Sanitary Landfill Plan for Dale County, Alabama dated November 16, 1982 prepared by Dale County Engineering Department.

A Plan for Modification of the Dale County Landfill Permit to Accept Construction/Demolition Waste, dated May 1996. Prepared by Environmental Materials Consultants, Inc. (See Operations section).

7. Gas Monitoring Plan

Letter dated March 16, 1993 from Mr. J. Stephen Carmichael, P.E., Christian, Carmichael & Associates, Inc. to Mr. Allen Sheehan, ADEM. Request For Revision of Monitoring Points.

Letter dated March 22, 1993 from Mr. John W. Narramore, Chief, Compliance Section, Solid Waste Branch, ADEM to Mr. Guy H. Payne, Dale County Engineer. Department Approves Revised Gas Monitoring Locations.

Letter dated May 16, 1995 from Mr. John Narramore, Chief, Compliance Section, ADEM to The Honorable Floyd Johnston, Chairman, Dale County Commission. ADEM Determines Dale County Landfill to Conduct Annual Explosive Gas Monitoring.

8. Closure Plan

Letter dated February 21, 1992 from Mr. Curt Head, Chairman, Dale County Commission, to ADEM, Engineering Services Branch. Closure Plan.

Closure Plan prepared by Environmental Materials Consultants; Inc. dated July 1994.

Letter dated January 8, 1996 from Mr. Joseph L. Gibson, Geologist and Mr. W. Haynes Kelley, Jr. P.E., Environmental Materials Consultants, Inc. to Mr. Oneal Ham, P.E., Dale County Engineer. Conditions Needing Corrections for MSW Closure Plan Compliance.

Letter dated April 11, 1997 from Mr. Russell T. Emrick, Dale County Engineer, to Mr. Allen Shehane, ADEM. Survey Of Closed Dale County Landfill Recorded on October 24, 1996.

Letter dated May 1, 1997 from Mr. Russell T. Emrick, P.E., Dale County Engineer, to Mr. Allen Shehane, ADEM. Certified Copy of Closure Notice Recorded On May 1, 1997.

Letter dated June 30, 1997 from Mr. Russell A. Kelly, Chief, Solid Waste Branch, Land Division, ADEM to Mr. Russell Emrick, P.E., Dale County Engineer. Landfill Closure Deed and Notice Recorded.

A Plan for Modification of the Dale County Landfill Permit to Accept Construction/Demolition Waste dated May 1996 prepared by Environmental Materials Consultants, Inc. (See Closure Plan section).

9. Cell Certification

Letter dated June 22, 1998 from Mr. Glen Smith, P.E., Environmental Consulting & Engineering, Inc. to Mr. Russell Kelly, Chief, Solid Waste Branch, Land Division, ADEM. Phase I Cell Certification of Construction.

Letter dated May 16, 2013 from Mr. Derek Brewer, P.E. and Mr. Mark Blankenship, Chairman, Dale County Road and Bridge to Mr. Jared Kelly, Waste Programs Branch, ADEM. Cell #3 Certification.

Letter dated February 27, 2023 from Mr. Steve McKinnon, County Commission Chairman, Dale County Road and Bridge to Ms. Mary Catherine Muscha, Solid Waste Branch, Land Division, ADEM. Cells 4-6 Certification.

Letter dated June 15, 2023 from Mr. Stephen A. Cobb, Chief, Land Division, ADEM to Mr. Matt Murphy, County Engineer, Dale County Road and Bridge. Cell Certification Requirements.

10. Permit Drawings

Permit drawings dated February 2006 prepared by Environmental Consulting & Engineering, Inc.

Mr. Jared Kelly, Chief
Solid Waste Engineering Section
July 10, 2023
Page 5

11. Boundary Plat

Land Description, February 7, 1983.

Site Boundary Survey, dated July 19, 2005 by Environmental Consultants and Engineering, Inc.

See Page Two of Permit Drawings dated February 2006 prepared by Environmental Consulting & Engineering, Inc.

12. Groundwater Monitoring Plan

Letter dated May 20, 1994 from Mr. Anthony C. Rodriguez, Project Geologist and Mr. W. Haynes Kelley, Jr. P.E., Environmental Materials Consultants, Inc. to Mr. Allen Shehane, ADEM. Submission of the Groundwater Monitoring Plan and Proposed Location for a Background Monitoring Well.

Letter dated August 10, 2000 from Mr. Michael J. Doran, Principal Scientist, Southeast Environmental Compliance, to Mr. Russell Kelly, Chief, Solid Waste Branch, Land Division, ADEM. August 9, 2000 ADEM Meeting Notes and Assessment Monitoring Requirements Referencing the March 2000 Groundwater Monitoring Report.

Letter dated October 13, 2000 from Mr. Wm. Gerald Hardy, Chief, Land Division, ADEM to Mr. Duane Dunn, P.E., Dale County Engineer. Department Approves Installation of MW-5, Abandonment of MW-3 and Installation of MR-3R.

Letter dated November 17, 2000 from Mr. Michael J. Doran, Principal Scientist, Southeast Environmental Compliance to Mr. Allen Shehane, Inspector, Solid Waste Branch, Land Division, ADEM. Geologist Logs and Construction Details for MW-3R and MW-5.

Memorandum dated March 23, 2001 from Mr. Jason Hughes, P.G., Hydrogeologist, Groundwater Branch, ADEM to Mr. Larry Bryant, Chief, Solid Waste Branch. Review Of Fall 2000 and January 2001 GWM Reports, Additional Plume Delineation Wells Not Required, Recommends Initiation of Assessment of Corrective Measures.

Letter dated April 4, 2001 from Mr. Wm. Gerald Hardy, Chief, Land Division, ADEM to Mr. Duane Dunn, Dale County Engineer. Department Agrees with January 2001 Groundwater Monitoring Conclusions to Initiate Assessment of Corrective Measures.

Latitude and Longitude readings of GWM wells 1, 2, 3, 4 and 5.

Well Technology for Groundwater Monitoring at Solid Waste Facilities report prepared by Alabama Department of Public Health, Environmental Health Administration, Division of Solid and Hazardous Waste.

Mr. Jared Kelly, Chief
Solid Waste Engineering Section
July 10, 2023
Page 6

A copy of this letter and the listed supporting documents have been placed in the operating record of the Dale County Landfill. If you have any questions regarding these documents or require additional information, please do not hesitate to contact me at 334-233-1994.

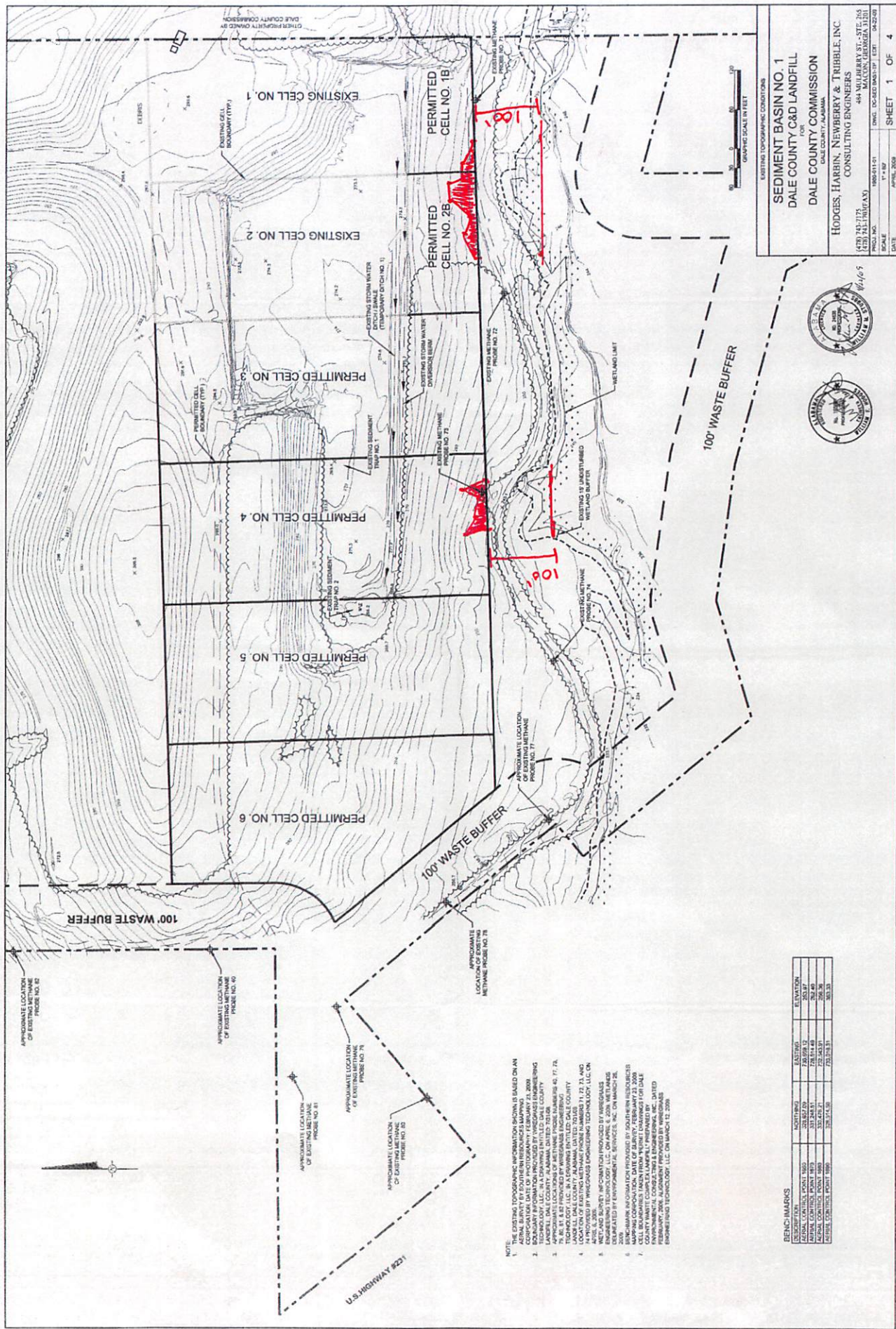
Respectfully,

A handwritten signature in blue ink that reads "Michael J. Doran". The signature is written in a cursive style with a long horizontal flourish at the end.

Michael Doran, Principal Scientist

cc: Mr. Matthew Murphy, P.E. Dale County Engineering

Cell 1 max ~ 30' short
 Cell 2 max ~ 37' short



SEDIMENT BASIN NO. 1
 DALE COUNTY C&D LANDFILL
 DALE COUNTY COMMISSION
 DALE COUNTY, ALABAMA
 HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.
 CONSULTING ENGINEERS
 444 HARBERRY ST., STE. 316
 MOUNTAIN VIEW, ALABAMA 36053
 (205) 332-1175
 (205) 332-1183 FAX
 PROJECT NO. 1000811-01
 DWG. LOCATED MAPSHEET LIST 04-23-09
 SCALE 1" = 20'
 DATE APRIL 2009
 SHEET 1 OF 4



NOTE:
 1. ALL EXISTING TOPOGRAPHIC INFORMATION IN THIS PLAN IS BASED ON AN ADJUTANT SURVEY BY COLLEEN BERNARDSON, ALABAMA PROFESSIONAL LAND SURVEYOR, DATED 02/20/09.
 2. CONSTRUCTION DATE OF PHOTOGRAPHY: FEBRUARY 21, 2009.
 3. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 5. APPROXIMATE LOCATIONS OF EXISTING METHANE PROBLEMS ARE AS FOLLOWS:
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 19. APPROXIMATE LOCATIONS OF EXISTING METHANE PROBLEMS ARE AS FOLLOWS:
 20. APPROXIMATE LOCATIONS OF EXISTING METHANE PROBLEMS ARE AS FOLLOWS:

BENCH MARKS	NORTHING	EASTING	ELEVATION
ALABAMA CONTROL POINT 1890	3287.1438	753.29431	305.33
ALABAMA CONTROL POINT 1891	3287.1438	753.29431	305.33
ALABAMA CONTROL POINT 1892	3287.1438	753.29431	305.33
ALABAMA CONTROL POINT 1893	3287.1438	753.29431	305.33
ALABAMA CONTROL POINT 1894	3287.1438	753.29431	305.33
ALABAMA CONTROL POINT 1895	3287.1438	753.29431	305.33

Dale Co. LF 23-06 4/22/09 Major Mod. App. Areas w/ waste ≤ 100' from wetland

Southeast Environmental Compliance, Inc.

P.O. Box 7237 Gulf Shores, Alabama 36547
Phone: (334) 233-1994 email: seenvcomp@gmail.com

March 23, 2026

Mr. Jared Kelly, Chief
Solid Waste Engineering Section, Land Division
Alabama Department of Environmental Management
1400 Coliseum Blvd.
Montgomery, Alabama 36130

RE: Variance Request
Dale County Landfill
Permit No. 23-06

Dear Mr. Kelly,

In response to the email dated June 12, 2025, Ms. Isabel Bela – Engineering Section, Land Division, ADEM to Mr. Matthew Murphy, Dale County Engineer, Dale County Road and Bridge, requesting documents in support of the Solid Waste Permit Modification or a Variance Request, on behalf of the Dale County Commission, we respectfully submit the following Variance Request for a limited 50 ft. wetland buffer zone adjacent to cells 4 & 5 as shown on the attached drawing.

The basis for the request is as follows:

1. The Dale County Commission submitted a major modification application to the Department on March 22, 2006. ADEM subsequently issued the Solid Waste permit on July 31, 2008 adding the additional 22.33 acres of land and expanding the waste disposal area from 28 acres to 40.02 acres. This area includes cells 1-6 currently permitted. The major modification application included a 50 ft. buffer between the cell boundary and the wetlands boundary.
2. The Department of Army, United States Corps of Engineers has federal permitting authority regarding wetlands pursuant to Section 404 of the Clean Water Act of 1977 (33 USC 1344). Section 404, at the time of the permit application, *“prohibits the placement of dredged or fill material into waters of the United States, including wetlands, unless the work has been authorized by a Department of the Army permit.”* Section 404 did not require a wetland setback or buffer zone for solid waste disposal facilities.

Mr. Jared Kelly, Chief
March 23, 2026
Page 2

ECE, Inc. sent a letter on May 19, 2005 to the United States Corps of Engineers, Mobile District requesting that the USACE make a jurisdictional determination of the project to see if the proposed project would have any effect on Waters of the US. The USACE Mobile District response letter dated June 30, 2005 indicated that a desktop inspection of the property indicated that approximately 20% of the property was comprised of wetlands. The Dale County Commission contracted Godwin, Mills and Cawood, Inc. to complete a wetland delineation of the 22 acres parcel included in the Major Modification application. The wetlands delineation was completed on August 19, 2005. The findings of this investigation was sent to Cindy House-Pierson of the United States Army Corps of Engineers District Office in Mobile for confirmation of the assessment and delineation of the wetlands. USACE verified the wetland boundary map during an inspection and by letter dated September 11, 2005, the Army Corps of Engineers confirmed the delineation of the wetlands as performed by Goodwyn, Mills and Cawood, Inc. The correspondences referenced are included in the appendices of the Major Permit Modification attached.

The Dale County Commission proposed to provide the establishment of a 50 ft. buffer from the edge of the wetland and other waters of the U.S. to further protect the wetlands. Additional Best Management Practices were also planned to avoid any adverse impact on the wetlands. Such measures may include but are not limited to physical controls such as silt fencing, staked hay bale rows, sediment ponds and traps, diversionary ditches, berms, etc. and shall be placed prior to or concurrent with disturbance activities to prevent/minimize discharges to State Waters resulting from non-point sources of pollutants in stormwater run-off. Layout and design of the proposed expansion will avoid impacting the jurisdictional wetlands and the waters of the U.S.

As shown in the Permit Drawings, the proposed landfill expansion will not be located in wetlands, beaches, dunes, or coastal areas, nor will its operations degrade wetlands, beaches, dunes, or coastal waters.

Letter dated June 30, 2005 from The United States Corps of Engineers, Mobile District, included the following Wetland Determination for the Major Modification Permit Area.

The inspection disclosed that a portion of the property is considered wetlands and is subject to our Federal permitting authority pursuant to Section 404 of the Clean Water Act of 1977 (33 USC 1344). Please refer to the enclosed "Jurisdictional Determination" form. Section 404 prohibits the placement of dredged or fill material into waters of the United States, including wetlands, unless the work has been authorized by a Department of the Army permit.

It appears that Federally-regulated wetlands comprise approximately 20 percent of the property. This determination was based upon available soils data and a review of recent aerial photographs. Please note attached sketch with the approximate wetlands indicated. The exact extent of wetlands on the property cannot be determined without an extensive field investigation which is not warranted at this time. Once specific fill locations for the property have been determined and a

Mr. Jared Kelly, Chief
March 23, 2026
Page 3

project plan developed, a more detailed site inspection may be required to determine the actual amount of wetland acreage impacted.

Slab-on-grade construction, grading, land clearing with heavy equipment, some pile-supported structures, and constructing a built-up road are considered filling activities and will require a permit if located in wetlands. Hand clearing, bushhogging and burning of vegetation (no fill) does not require a Section 404 permit.

The Dale County Commission respectfully requests a variance that the 50 ft. buffer between the wetland and the CD cell design be approved based on the following:

1. The USACE requirements were met by the cell design placement 50 feet away from the wetland boundary.
2. Additional engineering controls, berms, sediment pond, and BMPs included in the Major Modification application are in place and continue to be implemented according to the February 2006 Major Modification Design application. These design criteria and BMPs will prevent an impact to the wetlands from occurring.
3. CD waste does not produce significant leachate as compared to municipal, industrial or hazardous waste.
4. Stormwater in the area of cells 1-6 is diverted to the sediment pond by the construction of a large berm at the toe of the slope of these cells.

A copy of this variance request and the listed supporting document have been placed in the operating record of the Dale County Landfill. If you have any questions regarding these documents or require additional information, please do not hesitate to contact me at 334-233-1994.

Respectfully,



Michael Doran, Principal Scientist

cc: Mr. Matthew Murphy, P.E. Dale County Engineering

enclosures:

1. Map with Wetland and Buffer Zone
2. February 2006 Major Modification application

DALE COUNTY C&D LANDFILL

DALE COUNTY, ALABAMA

Permit # 23-06

PERMIT MODIFICATION APPLICATION

February 2006



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

Prepared for:

DALE COUNTY COMMISSION
202 South Hwy 123
Ozark, Alabama 36360

Prepared by:

ENVIRONMENTAL CONSULTING & ENGINEERING, INC.
101 Market Place
Montgomery, Alabama 36117

CERTIFICATION

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that the submittal of false or inaccurate information may result in the Solid Waste Disposal Facility Permit Application being denied or suspended.


Registered Professional Engineer



3-9-06

Date

INDEX

SECTION

- 1.0 INTRODUCTION
- 2.0 SITING STANDARDS
- 3.0 GENERAL DESIGN STANDARDS
- 4.0 PLANS AND OPERATIONAL REPORTS
- 5.0 SITE GEOLOGY AND HYDROLOGY
- 6.0 GROUNDWATER RESOURCES
- 7.0 COVER
- 8.0 EXPLOSIVE GASES
- 9.0 DRAINAGE
- 10.0 ACCESS
- 11.0 CLOSURE AND POST CLOSURE
- 12.0 GENERAL OPERATIONAL STANDARDS
- 13.0 SPECIFIC REQUIREMENTS FOR C / D LANDFILLS
- 14.0 RECORDKEEPING REQUIREMENTS

APPENDICES

APPENDIX A	Solid Waste Application
APPENDIX B	Local Government Approval
APPENDIX C	Statement of Consistency
APPENDIX D	Adjacent Landowners
APPENDIX E	Floodplain Map
APPENDIX F	Endangered or Threatened Species
APPENDIX G	Geological and Groundwater Data, Publication References
APPENDIX H	Archaeological or Historically Active Areas
APPENDIX I	Water Quality Standards and Permits
APPENDIX J	Boundary Map/Legal Description
APPENDIX K	CQA Plan
APPENDIX L	Explosive Gas Monitoring & Reporting Plan

1.0 INTRODUCTION

1.1 Introduction

This permit modification application is being submitted to apply for a modification of solid waste permit #23-06 for the Dale County Commission. The Dale County Commission is the permittee of a construction/demolition (C&D) waste disposal facility described as the Dale County C&D Landfill located in Dale County. More specifically, the site is situated in Section 13, Township 5 north, Range 24 east as shown in Appendix J.

The organization of this modification application follows the requirements of ADEM Regulations 335-13-4. The applicable regulations are quoted in *italicized font* followed by the response.

1.2 Purpose

The application submitted herein by Environmental Consulting and Engineering, Inc. (ECE), on behalf of its client, Dale County Commission, includes and considers the following:

- An application for a solid waste disposal permit modification to add approximately 22.33± acres of property to the permitted boundary of the Dale County C&D Landfill with 12.02 acres for solid waste disposal.
- The design, construction, and subsequent operation of this proposed facility will be in accordance with Alabama Department of Environmental Management ("ADEM") Division 13 Regulations, Administrative Code 335.

The attached and enclosed documents constitute the permit modification application for the Dale County Commission. A copy of this permit modification application and the accompanying set of drawings shall be kept in the landfill office at all times for ready reference.

The following items are included as part of this Permit Application in accordance with ADEM Regulation 335-13-5-.02.

- The Solid Waste Application is included as Appendix A.
- The Host Government Approval documents are included as Appendix B.
- The Statement of Consistency is not included as Appendix C, see Appendix C for explanation.
- The names and addresses of all adjacent landowners are included as Appendix D.

1.3 Site Location

Dale County is located in south east Alabama, and is bordered by Coffee, Pike, Barbour, Henry, Houston, and Geneva counties. The Dale County C&D Landfill is situated in Section 12 and 13, Township 5 north, Range 24 east. The existing permitted site comprises approximately 260 acres, with approximately 40 acres currently approved for disposal of C&D waste. This modification is intended to add 22.33 acres to the permitted C&D Disposal area.

The property can be accessed by traveling from Ozark, Alabama south along US 231 South to Dale county road 30. Left on County Road 30, left on paved road at the Dale County shop, entrance to the waste disposal facility on the right.

2.0 SITING STANDARDS

2.1 Introduction

This section addresses the siting criteria in ADEM Rule 335-13-4-.01.

2.2 Floodplains

ADEM Regulations 335-13-4-.01(1)(a): A facility located in a floodplain shall not restrict the flow of the 100 year flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste, so as to pose a hazard to human health and the environment.

According to the FEMA flood insurance rate map for the area of the proposed additional property, the majority of the property to be used for solid waste disposal is located in Zone-X, determined to be outside the 500-year flood plain and therefore does not restrict the flow of the floodplain or reduce the temporary water storage capacity of the floodplain. The westernmost tip of the facility is located within Zone A that denotes the boundary of the 100 year flood plain. The current permit drawings maintain a buffer zone between proposed disposal areas and the flood zone. The facility will be operated in such a manner to prevent the washout of solid waste from the confines of the limits of placement. The FEMA flood insurance rate map (community -- panel number 175 of 330, map number 010060 0175 B showing the location of the proposed facility is included as Appendix E.

2.3 Endangered or Threatened Species

ADEM Regulations 335-13-4-.01(1)(b): A facility shall be located in consideration of the following:

- 1. A facility shall not jeopardize the continued existence of endangered or threatened species protected under the Endangered Species Act of 1973.*
- 2. The facility shall not result in the destruction or adverse modification of the critical habitats protected under the Endangered Species Act of 1973.*

ECE, Inc. sent a letter on May 19, 2005, to Mr. Larry E. Goldman of the United States Department of the Interior, Fish and Wildlife Service, in Daphne, Alabama. This letter requested the Fish and Wildlife Service check their records for the presence of endangered or threatened species in the area of the proposed project.

ECE, Inc. received a response from Mr. Larry Goldman of the Fish and Wildlife Service dated May 26, 2005. The Service found that there were no endangered, threatened, or proposed species occurring in the project area. A copy of the above referenced letter is included in Appendix F.

2.4 Airport Locations

ADEM Regulations 335-13-4-.01(1)(c): A MSWLF unit shall not be sited within 10,000 feet of any airport runway end. Owners or operators proposing to renew existing or site new MSWLF units located within a five-mile radius of any airport runway must notify the affected airport and the Federal Aviation Administration (FAA).

This regulation pertains to MSWLF units only.

2.5 Active Faults, Seismic Impact Zones and Unstable Areas

ADEM Regulations 335-13-4-.01(1)(d): Zones of active faults, seismic impact zones, and unstable areas shall be avoided in locating facilities and practices unless a site specific evaluation as described below, demonstrates minimum potential for adverse effects upon waters of the State.

1. *Site specific evaluations for geology and hydrology shall comply with 335-13-4-.11 through 335-13-4-.14.*
2. *Site specific evaluation shall include minimum design parameters necessary to protect the waters of the State and human health to include minimum requirements of 335-13-4-.15 through 335-13-4-.24.*
3. *Landfill Units shall not be located within 200 feet of a fault that has had displacement within the Holocene epoch unless the owner or operator demonstrates to the Department that an alternative setback distance of less than 200 feet will not result in damage to the structural integrity of the facility and will be protective of human health and the environment.*
4. *Landfill units shall not be located in seismic impact zones, unless the owner or operator demonstrates to the Department that all containment structures, including liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.*
5. *Landfill units shall not be located in an unstable area unless engineering measures have been incorporated in the design of the facility to ensure that the integrity of the structural components of the facility will not be disrupted. The following factors, at a minimum, must be considered when determining whether an area is unstable:*
 - (i) *On-site or local soil and subsurface conditions that may result in significant differential settling;*
 - (ii) *On-site or local geologic or geomorphologic features; and*
 - (iii) *On-site or local human-made features or events (both surface and subsurface).*

The proposed expansion property is located in the Lisbon and Tallahatta formations of the Claiborne group within the Coastal Plain Province. The site is not located within a seismic impact zone as determined by the USGS seismic probability map. The map indicates there is a 10% probability that an earthquake will generate a peak bedrock acceleration of 0.1g within the next 250 years. A bedrock acceleration of 0.1g does not mean that the surface acceleration is 0.1g. Loose and unconsolidated soils can dampen the acceleration to below regulatory limits of 0.1g. The site is located in an area of low probability for a seismic event that would accelerate the ground surface to 0.1g within the next 250 years. Based on the low probability, no seismic impact analysis is required for this site.

2.6 Archaeologically or Historically Sensitive Areas

ADEM Regulations 335-13-4-.01(1)(e): Landfill units shall not be located on a site that is archaeologically or historically sensitive as determined by the Alabama Historical Commission. Written certification must be provided from the State Historic Preservation Officer.

ECE, Inc. sent a letter on May 19, 2005, to Mr. Greg Rhinehart of the Alabama Historical Commission. This letter requested a cultural resources assessment of the site to check if the proposed project would have any affect on significant cultural resources.

A cultural resources assessment was performed and submitted to the Alabama Historical Commission for review. ECE, Inc. received a letter of concurrence with the project from Elizabeth Anne Brown dated August 17, 2005. A copy of the Cultural Resource Study and all correspondence with the Alabama Historical Commission are included in Appendix H.

2.7 Water Quality Standards

ADEM Regulation 335-13-4-.01(3): A facility shall be located so as not to violate the following:

- (a) A facility shall be located so as to protect water quality.*
- (b) A facility shall not cause a discharge of pollutants into waters of the State, including wetlands, that is in violation of the requirements of the National Pollutant Discharge Elimination System (NPDES), Alabama Water Pollution Control Act.*
- (c) A facility shall not cause a discharge of dredged material or fill material into waters of the State that is in violation of the requirements under Section 404 of the Clean Water Act, as amended.*
- (d) A facility shall not cause non-point source pollution of waters of the State, including wetlands that violate any requirements of an area-wide and statewide water quality management plan that has been approved under the Alabama Water Pollution Control Act.*
- (e) Landfill units shall not be permissible in wetlands, beaches or dunes.*
- (f) Landfill units shall not be permissible in any location where the disposal of solid waste would degrade wetlands, beaches, dunes, or coastal waters.*
- (g) Landfill units shall be located outside the boundaries of the coastal area, unless no other reasonable alternative is available. If a site within the coastal area is proposed for development as a landfill unit, it shall be demonstrated to the satisfaction of the Department that siting, design, construction, and operation will ensure the present levels of coastal plants and animals will be maintained.*

2.7.1 Stormwater

The Dale County C&D Landfill has been designed considering the location parameters. Design components have been included to ensure the protection of water quality. These design components include:

- maintaining a separation of greater than five feet between the high water table and the base of the landfill;
- run-on and run-off controls including ditches, berms, and ponds.

The Dale County C&D Landfill is located in the Choctawhatchee River Basin. An application for a NPDES construction permit has been submitted to ADEM. A copy of this application is included in Appendix I.

2.7.2 Wetlands

ECE, Inc. sent a letter on May 19, 2005, to the United States Corps of Engineers, Mobile District. This letter requested the Corps to make a jurisdictional determination of the project to see if the proposed project would have any affect on Waters of the US. The Corps requested a jurisdictional determination of the site.

The findings of this investigation was sent to Cindy House-Pierson of the U.S. Army Corps of Engineers District Office in Mobile for confirmation of the assessment and delineation of the wetlands. By letter dated September 11, 2005, the Army Corps of Engineers confirmed the delineation of the wetlands as performed by Goodwyn, Mills and Cawood, Inc. A copy of all correspondence from the Army Corps of Engineers is included in Appendix I.

Layout and design of the proposed expansion will avoid impacting the jurisdictional wetlands and the waters of the U.S. The Dale County Commission also proposes to provide the establishment of a 50-foot buffer from the edge of the wetland and other waters of the U.S. to further protect these resources. Additional measures will be taken to avoid any adverse impact on the wetlands. Such measures may include but are not limited to physical controls such as silt fencing, staked hay bale rows, sediment ponds & traps, diversionary ditches, berms, etc. shall be placed prior to or concurrent with disturbance activities to prevent/minimize discharges to State Waters resulting from non-point sources of pollutants in stormwater run-off.

As shown in the Permit Drawings, the proposed landfill expansion will not be located in wetlands, beaches, dunes, or coastal areas, nor will its operations degrade wetlands, beaches, dunes, or coastal waters.

3.0 GENERAL DESIGN STANDARDS

3.1 Introduction

This section addresses the general design standards found in ADEM Regulations 335-13-4-.11.

3.2 General Standards

ADEM Regulations 335-13-4.11(1): General Standards.

335-13-4-.12 through 335-13-4-.20 provides standards for establishing a landfill unit providing that the siting standards of 335-13-4-.01 have been fully complied with to the satisfaction of the Department. Certain requirements contained in 335-13-4-.01 through 335-13-4-.20 may be enhanced or reduced by the Department as deemed necessary to comply with the Act and this Division.

Information concerning the siting standards is addressed in Section 2.0 of this permit application. The information presented in Section 2.0 shows that the proposed landfill fully complies with the siting standards.

3.3 Hydrogeological Standards

ADEM Regulation 335-13-4-.11(2): Hydrogeology Standards.

- (a) For purposes of designing the bottom elevation of the cell or liner system, the applicant shall obtain a general estimate of ground water elevation. Such estimate shall be obtained by a measurement of ground water levels taken, at the option of the applicant, either during the calendar months of February, March and April, or alternatively, a measurement taken during the remaining months of the year. Having obtained a measurement during one of these described periods, the applicant shall design the facility so that the bottom elevation of the cell for unlined landfill units and the bottom elevation of the liner system for lined landfill units shall be a minimum of five feet (if measured during February, March or April) or ten feet (if measured during the remaining nine months) above the estimated ground water level beneath the landfill unit. Nothing herein shall prevent the Department from requiring an additional buffer as it may deem appropriate with respect to a particular site.*
- (b) When the geological and hydrological data so indicate, the Department may specify greater separation distances, a liner(s), or a leachate collection system, or combination of the above to protect the groundwater.*
- (c) When the geological and hydrological data so indicate, the Department may allow engineering controls to remove, divert, drain, or otherwise modify zones of saturation above the uppermost aquifer.*

In order to comply with these requirements, a hydrogeological/geological study for the proposed permit area has been performed. This study conducted by Southeast Environmental Compliance, Inc. included the installation of two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone. The report and recommendations associated with the investigation is included in Appendix G.

3.3.1 Hydrogeology

Regional Hydrogeology

See hydrogeological/geological study located in Appendix G.

Local Hydrogeology

The site evaluation included drilling, two (2) separate borings and installing two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone.

Drilling was conducted on November 3, 2005 and was overseen in the field by Mike Doran, Project Geologist and reviewed by Don A. McKee, P.G. Senior Geologist. A map showing the locations of the piezometers can be found as part of the hydrogeological/geological study located in Appendix G.

PZ- 1 was drilled to a total depth of 22.5 feet below surface elevation and PZ- 2 was drilled to a total depth of 27.5 feet below surface elevation. Based on groundwater data collected at these locations the highest groundwater elevation encountered in the area of the proposed expansion is 244.86 feet MSL.

Based on the findings of our hydrogeologic evaluation of the site in the proposed expansion area and geology described in previous investigations onsite, it has been determined that a water bearing zone exists above a confining layer at a general elevation of 244.86 feet MSL. Based upon this investigation conducted it was recommended that a 10 foot buffer be established between the top of potentiometric surface of this water-bearing zone and the proposed base of the C & D expansion area, therefore the maximum depth of waste in the proposed expansion area will be at 255 feet MSL.

4.0 PLANS AND OPERATIONAL REPORT

4.1 Introduction

This section addresses the plans and operational reports required by ADEM Regulations 335-13-4-.12.

4.2 Compliance

ADEM Regulation 335-13-4-12(1): Compliance. Plans and operational reports for construction, operation, maintenance, closure, and post-closure care of landfill units shall be prepared and kept on site and shall comply with 335-13-5-.02(1) and this Chapter.

All required plans and reports for the construction, operation, maintenance, closure and post-closure care of the landfill will be maintained and kept on site for ADEM review.

4.3 Plan Requirements

ADEM Regulation 335-13-4-.12(2): Plan Requirements. These plans and reports shall include the following as determined necessary by the Department:

(a) Sufficient control points on-site to provide for accurate horizontal and vertical control for facility construction, operation and closure and post-closure.

The survey control points are shown in the Permit Drawings. These control points will allow the accurate control for the construction, operation, closure and post-closure of the facility.

(b) Detail presentation of geological and hydrogeological units in the disposal site, with typical sections of disposal method and plan and profile sheets on all areas or trenches.

The hydrogeological report detailing the limiting zone is attached as Appendix G.

(c) Boundary plat and legal property description prepared, signed, and sealed by a land surveyor of the proposed boundary of the facility and disposal area of the facility.

The legal property description is included in Appendix J, and the boundary plat is included in the Permit Drawings.

(d) Initial and final topographical maps at contour intervals of five feet or as otherwise specified by the Department.

The initial and final topographical maps are included in the Permit Drawings.

(e) Existing and proposed surface drainage pattern to include control structures designed to handle run-on and run-off. Design calculations for sediment control basins, etc. should be provided.

The surface water drainage pattern and stormwater control structures are included in the Permit Drawings.

(f) Buffer zones, screening and other aesthetic control measures. Buffer zones around the perimeter of the landfill unit shall be a minimum of 100 feet in width measured in a horizontal plane. No disposal or storage practices for waste shall take place in the buffer zone. Roads, access control measures, earth storage, and buildings may be placed in the buffer zone.

The 100-foot buffer is shown in the Permit Drawings. No disposal or storage of solid waste will take place in the buffer zone. A 50-foot buffer zone will be maintained around all wetlands and waters of the U.S.

(g) Details of plans for temporary and permanent all weather access roads.

Permanent all weather roads are shown in the original Permit Drawings in 1996 prepared by others. These roads will be maintained to ensure all weather access to the active area of the landfill. New roads will be constructed as needed to access the disposal area within the proposed expansion area of the landfill.

(h) A summary of 335-13-4-.01 standards and conclusions of action to be taken and implemented into facility design.

The summary of siting standards and actions to be taken as required by 335-13-4-.01 is addressed in Section 2.0 of the application.

(i) Location of any areas of the facility used for disposal of solid wastes.

The limits of waste placement which identifies all the proposed areas in the expansion of the facility for disposal is shown in the Permit Drawings.

(j) Quality assurance/quality control (QA/QC) plan for all components of the liner, leachate collection, and cap systems.

A Construction Quality Assurance (CQA) plan is included in Appendix K. This plan addresses the QA/QC for the various components of landfill construction.

(k) Location of all explosive gas wells and/or monitoring points.

The Explosive Gas Monitoring and Reporting Plan is included in Appendix L, the locations of the gas monitoring points will be based on disposal area in accordance with the plan.

5.0 Site Geology and Hydrology

5.1 Introduction

This section addresses the geology and hydrology of the facility as required by ADEM Regulation 335-13-4-.13.

5.2 Geology and Hydrology

ADEM Regulations 335-13-4-.13:

(1) Site Hydrogeology.

The site hydrogeology shall be established to the upper most aquifer and subsequent interconnecting aquifers.

(2) Hydrogeological Evaluation.

The hydrogeological evaluation for a specific site, as required by the Department, may be provided for as follows:

(a) *A hydrogeological evaluation performed by a firm or individual having expertise in hydrogeology. The expense of this evaluation shall be borne wholly by the applicant. The following shall be required on such evaluations made under this Rule:*

1. *The installation of a minimum of three exploration borings to include sampling and geologic logging and completion of these borings as piezometers. Subsequent establishment of the first saturated zone, the upper most aquifer and subsequent underlying and interconnected aquifers, piezometer measuring point elevations, water table elevations and an estimate of groundwater flow direction and rate will be required.*
2. *A report shall be submitted to the Department which includes all items, information and analyses contained in 335-13-4-.13(2)(a)1.*
3. *Resumes and references, as necessary, to establish the qualifications of the firm or individual preparing the evaluation.*

(b) *A review of the information submitted under 335-13-4-.13(2)(a) shall be conducted by the Department.*

(c) *The requirement for a hydrogeological evaluation may be waived by the Department based on specific geology, hydrology, or waste types proposed for disposal.*

(3) Department Action.

The Department will conduct a site background hydrogeological evaluation and review all other related reports, plans or submittals.

(a) *Expense for the background hydrogeological evaluation and reviews conducted by the Department shall be borne by the applicant in accordance with established procedures of the Department.*

(b) *The expense for soil borings, soil tests, piezometers and other data as needed by the Department shall be borne by the applicant.*

In order to comply with these requirements, a hydrogeological/geological study for the proposed permit area has been performed. This study conducted by Southeast Environmental Compliance, Inc. included the installation of two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone. The report and recommendations associated with the investigation is included in Appendix G.

The site evaluation included drilling, two (2) separate borings and installing two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone.

Drilling was conducted on November 3, 2005 and was overseen in the field by Mike Doran, Project Geologist and reviewed by Don A. McKee, P.G. Senior Geologist. A map showing the locations of the piezometers can be found as part of the hydrogeological/geological study located in Appendix G.

PZ- 1 was drilled to a total depth of 22.5 feet below surface elevation and PZ- 2 was drilled to a total depth of 27.5 feet below surface elevation. Based on groundwater data collected at these locations the highest groundwater elevation encountered in the area of the proposed expansion is 244.86 feet MSL.

Based on the findings of our hydrogeologic evaluation of the site in the proposed expansion area and geology described in previous investigations onsite, it has been determined that a water bearing zone exists above a confining layer at a general elevation of 244.86 feet MSL. Based upon this investigation conducted it was recommended that a 10 foot buffer be established between the top of potentiometric surface of this water-bearing zone and the proposed base of the C & D expansion area, therefore the maximum depth of waste in the proposed expansion area will be at 255 feet MSL.

6.0 GROUNDWATER RESOURCES

6.1 Introduction

This section addresses the groundwater resources as required by ADEM Regulation 335-14-4-.14.

6.2 Groundwater

ADEM Rule 335-13-4-.14(1): Groundwater.

Groundwater resources in the vicinity of the landfill unit shall be determined as a basis for facility design, groundwater protection, and groundwater monitoring required under 335-13-4-.27.

(a) The depth to the groundwater and the direction of flow shall be established during the hydrogeological evaluation.

(b) The groundwater in the first saturated zone below the landfill unit shall be evaluated as follows:

- 1. A minimum of one hydraulically upgradient monitoring well for background data and two hydraulically downgradient monitoring wells shall be required.*
- 2. The location and design of the monitoring wells shall be approved by the Department prior to installation and the upgradient well shall be located so as not to be affected by the landfill unit.*
- 3. The monitoring wells shall be installed well in advance of projected facility opening so as to provide an undisputed background water quality sample from each well. Background water quality shall be established using the sampling and analysis procedures described in 335-13-4-.27.*
- 4. Additional monitoring wells above the minimum may be required by the Department based on site hydrology, geology, topographical features and waste characteristics.*
- 5. Groundwater monitoring wells shall be designed and constructed as described in 335-13-4-.27.*

(c) The groundwater sampling and analysis plan shall be prepared in accordance with 335-13-4-.27.

In order to comply with these requirements, a hydrogeological/geological study for the proposed permit area has been performed. This study conducted by Southeast Environmental Compliance, Inc. included the installation of two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone. The report and recommendations associated with the investigation is included in Appendix G.

The site evaluation included drilling, two (2) separate borings and installing two piezometers in the proposed disposal area and measuring the depth to groundwater in the disposal area to locate the limiting zone.

Drilling was conducted on November 3, 2005 and was overseen in the field by Mike Doran, Project Geologist and reviewed by Don A. McKee, P.G. Senior Geologist. A map

showing the locations of the piezometers can be found as part of the hydrogeological/geological study located in Appendix G.

PZ- 1 was drilled to a total depth of 22.5 feet below surface elevation and PZ- 2 was drilled to a total depth of 27.5 feet below surface elevation. Based on groundwater data collected at these locations the highest groundwater elevation encountered in the area of the proposed expansion is 244.86 feet MSL.

Based on the findings of our hydrogeologic evaluation of the site in the proposed expansion area and geology described in previous investigations onsite, it has been determined that a water bearing zone exists above a confining layer at a general elevation of 244.86 feet MSL. Based upon this investigation conducted it was recommended that a 10 foot buffer be established between the top of potentiometric surface of this water-bearing zone and the proposed base of the C & D expansion area, therefore the maximum depth of waste in the proposed expansion area will be at 255 feet MSL.

7.0 COVER

7.1 Introduction

This section addresses the waste covering requirements of ADEM Regulation 335-13-.15.

7.2 Cover

ADEM Regulation 335-13-4-.15: Cover

Daily, weekly, or some other periodic cover shall be required at all landfill units, as determined by the Department.

- (1) The suitability and volume of any soils for daily, intermediate and final cover requirements shall be determined by soil borings and analysis.*
- (2) Any proposal to use alternate cover systems shall be submitted to and approved by the Department prior to implementation.*

The onsite material to be used for the weekly and final cover material will be obtained from an onsite source. The cover material will be stockpiled for later use during the excavation of the individual disposal cells. During the operation of filling individual cells the Dale County C&D Landfill will apply cover on a weekly basis.

8.0 EXPLOSIVE GASES

8.1 Introduction

This section addresses the explosive gas monitoring and reporting requirements of ADEM Regulations 335-13-4-.16.

8.2 Control

ADEM Rule 335-13-4-.16: Explosive Gases

The generation of explosive gases, especially methane (CH₄), at a landfill unit which accepts organic waste shall be considered in the design and operation of the facility. Special attention shall be given to control and monitoring of explosive gases as follows:

(1) Control.

- (a) Explosive gases shall not exceed the lower explosive limit at the facility boundary.*
- (b) Explosive gases shall not exceed 25 percent of the lower explosive limit in facility structures except for gas control or recovery system components.*
- (c) Facility structures shall be designed and constructed so as not to allow explosive gases to collect in, under or around structures in concentrations exceeding the requirements of this Rule.*

Methane gas is produced during decomposition of organic waste in landfills. The rate of production and the likelihood of migration depend on many factors including temperature, barometric pressure, moisture in the fill, and soil and geologic conditions. When the concentration in air of methane is between 5% and 15% there is danger of explosion. At lower concentrations, there is not enough gas to support combustion; at higher levels, the gas will burn but will not explode. ADEM regulations require that the gas concentration not exceed the lower explosive limit (LEL) at the site boundary and must not exceed 25% of the LEL at facility structures.

8.3 Monitoring

ADEM Rule 335-13-4-.16(2) Monitoring.

- (a) Gas monitoring equipment as required by the Department shall be provided at the landfill unit by the operating agency.*
- (b) The Department upon review of waste type, facility structures, site geology and surrounding land use may require installation of permanent gas monitoring structures, gas vents, gas control or recovery systems.*
- (c) An explosive gas monitoring and reporting plan shall be prepared and filed at the facility for all landfill units receiving organic wastes. All sites required to monitor for explosive gases shall submit a plat which indicates permanent monitoring points. The plan shall also include what measures shall be taken by the permittee, landfill supervisor, and any operators present on-site to protect human health and property should explosive gases be detected which exceed the lower explosive limit (LEL). The plan must be prepared by a registered*

professional engineer and include seal or signature and registration number in accordance with Rule 335-13-5-.02(1)(e)1. of the ADEM Administrative Code.

1. *The type and frequency of monitoring must be determined based on the following factors:*
 - (i) *Soil conditions;*
 - (ii) *Hydrogeological conditions surrounding the landfill unit;*
 - (iii) *Hydraulic conditions surrounding the landfill unit;*
 - (iv) *Location of the facility structures and property boundaries;*
 - (v) *Location of structures adjacent to facility.*
2. *The minimum frequency for monitoring shall be quarterly for MSWLF and yearly for C/DLF and ILF.*
 - (i) *All monitoring reports shall be submitted to the Department and placed in the operating record of the facility within 30 days of the monitoring event.*
 - (ii) *Levels of gas detected shall be expressed in percent LEL and percent volume.*
3. *If explosive gas levels exceeds the limits specified in this Rule, the permittee shall:*
 - (i) *Immediately take all necessary steps to ensure protection of human health and property and notify the Department;*
 - (ii) *Within 7 days of detection, place in the operating record of the facility the explosive gas levels detected and the immediate steps taken to protect human health and property;*
 - (iii) *Within 20 days of detection, submit to the Department for approval a remedial plan for the explosive gas releases. This plan shall describe the nature and extent of the problem and the proposed remedy. The plan shall be implemented upon approval by the Department, but within 60 days of detection. Also within 60 days of detection, a copy of the plan shall be placed in the operating record of the facility and the Department notified that the plan has been implemented.*
4. *Monitoring points shall be located every 300 feet along the landfill permit boundaries. In areas where a dwelling is within 1000 feet of the boundaries, the monitoring points shall be 100 feet apart or as otherwise directed by the Department.*
 - (i) *Monitoring shall be conducted in structures, culverts, under bridges, drop inlets, and any other place that is conducive to gas accumulation.*
 - (ii) *Permanent gas monitoring structures, or use of the bar hole punch method, are required by the Department.*
 - (iii) *A minimum depth of six feet must be obtained for permanent monitoring structures and four feet when using the bar hole punch method.*

An Explosive Gas Monitoring and Reporting Plan has been developed for the Dale County C&D Landfill and is included in Appendix L. The plan requires that monitoring be conducted yearly during the active life of the C&D landfill and semi-annually for the pre Subtitle-D closed sanitary portion of the site. The measurement of gas concentration will be conducted with a portable gas monitoring device. This device reads out the percentage of LEL for any explosive gas and will be calibrated for methane. Results will be reported in percent methane by volume.

The device has a method for drawing an air sample and measuring the gas content using catalytic combustion. The result of each test measurement will be recorded along with the location of the hole and kept on file at the Dale County C&D Landfill office.

If the explosive gas concentration exceeds the allowable limits of LEL at the site boundary or 25% LEL at any structures, Dale County C&D Landfill will:

- Immediately take all necessary steps to ensure protection of human health and property and notify ADEM;
- Within 7 days of detection, place in the operating record of the facility the explosive gas levels detected and the immediate steps taken to protect human health and property; and
- Within 20 days of detection, submit to ADEM for approval a remedial plan for the explosive gas releases. This plan shall describe the nature and extent of the problem and the proposed remedy. The plan shall be implemented upon approval by ADEM, but within 60 days of detection. Also within 60 days of detection, a copy of the plan shall be placed in the operating record of the facility and ADEM will be notified that the plan has been implemented.

9.0 DRAINAGE

9.1 Introduction

This section addresses the requirements of ADEM Rule 335-13-4-.17.

9.2 Drainage

ADEM Rule 335-13-4-.17: Drainage

Owners or operators of all facilities must design, construct and maintain:

- (1) A run-on control system to prevent flow onto the active and/or closed portions of the landfill during the peak discharge from a 25-year storm;*
- (2) A run-off control system from the active and/or closed portions of the landfill to collect and control at least the water volume resulting from a 24-hour, 25-year storm.*
- (3) On-site drainage structures to carry incident precipitation from the disposal site so as to minimize the generation of leachate, erosion and sedimentation. Run-off from the active and/or closed portions of the landfill unit must be handled in accordance with 335-13-4-.01(2)(a), and (b) and shall be routed to a settling basin or other sedimentation control structure to remove sediment prior to release onto adjacent properties or waters.*

The drainage control structures are shown on the Permit Drawings. The drainage control structures are designed to handle the runoff from the active areas of the landfill. The stormwater flows through a stormwater conveyance ditch through appropriate BMPs as required by facility's NPDES permit. The proposed stormwater management system incorporates a system of terraces, letdowns, and drainage ditches to intercept stormwater prior to contact with the active landfill, and to collect and convey stormwater away from the covered side slopes of the active or closed landfill. This system conveys all stormwater to discharge points where sediment and debris is captured by effective use of appropriate BMPs including but not limited to, sedimentation ponds, sediment traps, brush barriers, silt fence, and hay bale barriers.

Integral to the proper operation of the stormwater management system is a system of temporary berms, which divert runoff from the active face of the landfill to the terrace and ditch system. Stormwater runoff from undisturbed areas off-site will be controlled by natural drainage features and landfill perimeter berms.

This stormwater management system will be constructed and implemented in stages, depending on the progress of the construction and operation of the facility's disposal operations.

Terraces will be installed on the final cover system of the filled cell to intercept runoff and convey it to the outfall point(s). These terraces will be 10 feet wide to allow for easy access by landfill operation and maintenance equipment. Additionally, the terraces will be constructed with a backslope, thus forming a channel to divert the runoff to the letdown structures.

Construction of the terraces will proceed through the intermediate cover phase. The installation of the terrace system by landfill personnel will be an integral part of the operational plan to minimize the final grading and cover construction effort. The terraces will be periodically inspected for bed erosion and siltation. Siltation will be removed as necessary in order to maintain the capacity of the terraces. Any erosion that occurs will be repaired immediately upon its discovery; if necessary, additional erosion control materials will be installed.

The stormwater conveyance structures system will direct stormwater runoff to the discharge point(s) where BMPs will be utilized to trap sediment conveyed in the stormwater so as to prevent degradation of the receiving streams.

10.0 ACCESS

10.1 Introduction

This section addresses the access requirements of ADEM Rule 335-13-4-.19.

10.2 Access

ADEM Rule 335-13-4-.19: Access

The owner or operator of the facility must control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate to protect human health and the environment.

Fencing along County Shop Road will control access to the landfill. All vehicles will access the Dale County C&D Landfill via County Shop Road. The gate at this entrance to the facility will be secured and locked when the site is closed. Other access control measures, (ie. ditches, berms, and planted trees), will be used along other boundaries to control vehicular access to the site.

CLOSURE AND POST-CLOSURE

10.3 Introduction

This section addresses the closure and post closure requirements of ADEM Rule 335-13-4-.20.

10.4 Submittal

ADEM Rule 335-13-4-.20(1): Submittal.

The owner or operator must submit a closure/post-closure plan to the Department and place in the operating record, no later than the effective date of these regulations or by the initial receipt of waste, whichever is later.

The Closure and Post Closure Plan is included in this section. This plan will be maintained on file at the facility.

10.5 Closure

ADEM Rule 335-13-4-.20(2): Closure.

The requirements for closure of existing and proposed landfill units shall include the following unless otherwise noted.

- (a) *The owner or operator must prepare a written closure plan that describes the steps necessary to close all existing and proposed landfill units at any point during their active life in accordance with the cover design requirements in 335-13-4-.20(2)(b). The owner or operator must submit the closure plan as part of the permit application to the Department. The closure plan, at a minimum, must include the following information:*
- 1. A description of the final cover, designed in accordance with 335-13-4-.20(2)(b) and the methods and procedures to be used to install the cover;*
 - 2. An estimate of the largest area of the landfill unit ever requiring a final cover as required under 335-13-4-.20(2)(b) at any time during the active life;*
 - 3. An estimate of the maximum inventory of wastes ever on-site over the active life of the facility; and*
 - 4. A schedule for completing all activities necessary to satisfy the closure criteria in this Rule.*
- (b) *A final cover system must be installed which is designed to minimize infiltration and erosion. The final cover system must be comprised of an erosion layer(s) underlain by an infiltration layer(s) as follows:*
- 1. The infiltration layer for MSWLF and ILF must be comprised of a minimum of 18 inches of earthen material and/or a synthetic layer that has a permeability less than or equal to the permeability of any bottom liner system or natural subsoils present, or a permeability no greater than 1×10^{-5} cm/sec, whichever is less. The infiltration layer for C/DLF must be comprised of a minimum of 18 inches of compacted earthen material excluding sands, and*
 - 2. The erosion layer must consist of a minimum 6 inches of earthen material that is capable of sustaining native plant growth, as specified in 335-13-4-.20(2)(d).*

3. *The Department may approve an alternative final cover design that includes:*
 - (i) *An infiltration layer that achieves an equivalent reduction in infiltration as the infiltration layer specified in 335-13-4-.20(2)(b)1., and*
 - (ii) *An erosion layer that provides equivalent protection from wind and water erosion as the erosion layer specified in 335-13-4-.20(2)(b)2.*
- (c) *Final soil cover shall be graded so that:*
 1. *Surface water does not pond over the landfill unit.*
 2. *The maximum final grade of the final cover system shall not exceed 25 percent or as specified by the Department to minimize erosion.*
 3. *Slopes longer than 25 feet shall require horizontal terraces, of sufficient width for equipment operation, for every 20 feet rise in elevation or utilize other erosion control measures approved by the Department.*
 4. *The minimum final grade of the final cover system shall not be less than 5 percent or as specified by the Department to minimize ponding.*
 5. *For a permitted facility utilizing the area fill method or the trench method, final grading of the infiltration layer shall be completed within 90 days after the unit has received the last known receipt of waste.*
- (d) *A vegetative or some other appropriate cover must be established to minimize erosion and, when applicable, maximize evapotranspiration. Within 90 days after completion of final grading requirements on each phase or each trench as specified in 335-13-4-.20(2)(a), the Permittee or owner of a permitted landfill unit shall prepare the final cover for the establishment of a vegetative cover or alternative cover. Deep rooted vegetation (roots that may grow below the 6 inch erosion layer) shall be prohibited as vegetative cover. Preparation of a vegetative cover shall include, but not be limited to, the following:*
 1. *Placement of appropriate species of grass seed, fertilizer and mulch; and*
 2. *Watering and maintenance necessary such that germination of grass will occur.*
- (e) *Prior to beginning closure of each landfill unit as specified in this Rule, an owner or operator must submit to the Department and place in the operating record a notice of the intent to close the unit.*
- (f) *The owner or operator must begin closure activities of each LF unit no later than 30 days after the date of which the LF unit receives the known final receipt of wastes. If the LF unit has remaining capacity and there is reasonable likelihood that the LF unit will receive additional wastes, closure activities of each LF unit must begin no later than one year after the date of known final receipt of wastes. Extensions beyond the one-year deadline for beginning closure may be granted by the Department if the owner or operator demonstrates that the LF unit has the capacity to receive additional wastes and the owner or operator has taken and will continue to take all steps necessary to prevent threats to human health and the environment from the unclosed LF unit.*
- (g) *The owner or operator of all LF units must complete closure activities of each LF unit in accordance with the closure plan within 180 days following the last known receipt of waste. Extensions of the closure period may be granted by the Department if the owner or operator demonstrates that closure will, of necessity, take longer than 180 days and he has taken and will continue to take all steps necessary to prevent threats to human health and the environment from the unclosed LF unit. Extensions granted for closure of each LF unit shall not exceed a total of 180 days.*
- (h) *Following closure of each LF unit, the owner or operator must submit to the Department a certification, signed by an independent registered professional engineer verifying that closure has been completed in accordance with the closure plan, and a copy placed in the operating record. C/DLF and/or ILF owner or operator may*

submit certification signed by a registered professional engineer in lieu of an independent registered professional engineer.

- (i) *Within 90 days after permit expiration, revocation or when final closure requirements in 335-13-4-.20 are achieved as determined by the Department, the permittee or owner of a facility shall record a notation onto the land deed containing the property utilized for disposal, and/or some other legal instrument that is normally examined during a title search, that will in perpetuity, notify any potential purchaser of the property that:*
- 1. The land has been used as a solid waste disposal facility landfill unit;*
 - 2. Its use is restricted by the items contained in 335-13-4-.20(3)(c) and 335-13-4-.20(3)(d);*
 - 3. The locations and dimensions of the landfill unit with respect to permanently surveyed benchmarks and section corners shall be on a plat prepared and sealed by a land surveyor;*
 - 4. Contain a note, prominently displayed, which states the name of the Permittee or operating agency, the type of landfill unit and the beginning and closure dates of the disposal activity.*
 - 5. Certification by an Engineer or Land Surveyor that all closure requirements have been completed as determined necessary by the Department.*
- (j) *For a permitted facility, the permittee or land owner shall submit a certified copy of the recording instrument to the Department and place a copy in the operating record within 120 days after permit expiration, revocation or as otherwise directed by the Department.*
- (k) *Detail design for the closure of existing and proposed LF units shall be shown on a final contour and drainage plan. Items required in 335-13-4-.20(2)(b) through (d), (i), (j), and (3)(a), (d), and (f) shall be included.*

The purpose of the closure plan is to provide the Dale County Commission with a procedure and maintenance plan for closing the landfill.

Final closure contours were developed incorporating ADEM requirements for cover over all filled areas, with a minimum slope of 5% and a maximum slope of 25%. These contours are shown in the Permit Drawings.

The proposed closure procedures are as follows:

- Upon reaching final contours as indicated in the Permit Drawings, grade the site according to the Final Grading Plan. Install the final cover system as shown in the Permit Drawings. That plan for cover is as follows from the top down.
 - 1.) 6" of soil able to sustain native vegetative growth.
 - 2.) 18" compacted earthen material excluding sands.
 - 3.) Waste
- The final contours as indicated on the Permit Drawings will require a variable depth final soil cover in order to comply with the slope and cover requirements. The grading plan insures adequate drainage of the site and will prevent surface water from ponding over the filled areas of the site.

- Soil for the final cover will be obtained from unused portions of the property or offsite, if suitable material is not available on-site.
- Properties of the soil used in the erosion layer (minimum 6" thick) will be such that it promotes vegetative growth and protects against erosion.
- The Dale County Commission will initiate final contour grading within 30 days after the landfill cell has reached final approved elevations. Final grading, shall be completed within 90 days after the unit has received the last known receipt of waste. All closure activities will be completed within 180 days following the last known receipt of waste.
- Within 30 days after completion of the final closure requirements, dense growth of grass will be established over the entire site to protect it from erosion. The vegetative cover will be nurtured and maintained until it has established itself. The seed type and fertilizer to be used for the vegetative cover has been developed in accordance with recommendations from the USDA Soil Conservation Office.
- At the time the site is closed to the further disposal of solid waste, the Dale County Commission will erect and maintain access control structures to the closed site. The Dale County Commission will post signs stating that this portion of the landfill is closed and giving directions to the nearest permitted disposal facility.
- Following closure of each landfill unit, the Dale County Commission will submit to the Department a certification signed by an independent registered professional engineer verifying that closure has been completed in accordance with the closure plan, and a copy placed in the operating record.

10.6 Post Closure

ADEM Rule 335-13-4-.20(3): Post-closure.

The requirements for post-closure of existing and proposed landfill units shall include the following unless otherwise noted.

- (a) Following closure of each LF unit, the owner or operator must conduct post-closure care. Post-closure care must be conducted for a minimum of 30 years; or a minimum of 5 years if closed prior to October 9, 1993, or the effective date of § 258.1 of 40 CFR 258, Solid Waste Disposal Criteria, whichever is later; except as provided under 335-13-4-.20(3)(b), and consist of at least the following:
1. Eroded areas shall be filled with suitable soil cover, compacted, graded and appropriate cover established as described in 335-13-4-.20(2)(d).
 2. Areas which provide for ponding of surface water shall be filled, graded and an appropriate cover established as described in 335-13-4-.20(2)(d).
 3. Landfilled areas with extensive surface cracks in soil cover shall be corrected as necessary, or as determined by the Department, to prevent infiltration of surface water.
 4. An appropriate cover shall be maintained on the facility at all times as described in 335-13-4-.20(2)(d).
 5. Access control structures shall be maintained or erected and signs shall be posted stating that the facility is closed and giving the location of the nearest permitted landfill unit.
 6. Any waste dumped at the landfill unit following closure shall be removed to an approved landfill unit by the permittee, operating agency, or owner.
 7. Monitoring devices and pollution control equipment such as groundwater monitoring wells, explosive gas monitoring systems, erosion, and surface water control structures, and leachate facilities shall be maintained. Monitoring requirements shall continue in effect throughout the active life and post-closure care period as determined by the Department unless all solid waste is removed and no unpermitted discharge to waters has occurred.
 8. Other deficiencies such as vector control which may be observed by the Department shall be corrected.
- (b) The length of the post-closure care period may be:
1. Decreased by the Department if the owner or operator demonstrates that the reduced period is sufficient to protect human health and the environment and this demonstration is approved by the Department; or
 2. Increased by the Department if the Department determines that the lengthened period is necessary to protect human health and the environment.
- (c) The owner or operator of all LF units must submit to the Department and receive approval as part of the permit application, a written post-closure plan. A copy must also be placed in the operating record. The post-closure plan must include, at a minimum, the following information:
1. A description of the monitoring and maintenance activities required in 335-13-4-.20(3)(a) for each LF unit, and the frequency at which these activities will be performed;
 2. Name, address, and telephone number of the person or office to contact about the facility during the post-closure period; and

3. *A description of the planned uses of the property during the post-closure period.*
- (d) *Post-closure use of the property used for the disposal operation must never be allowed to disturb the integrity of the final cover, liner(s), or any other component of the containment system, or the function of the monitoring systems necessary to comply with the requirements of these Rules. The Department may approve any other disturbance if the owner or operator demonstrates that the disturbance, including any removal of waste, complies with the following:*
 1. *The activities will not increase the potential threat to human health or the environment; or*
 2. *The activities are necessary to reduce a threat to human health or the environment.*
- (e) *Following completion of the post-closure care period for each LF unit, the owner or operator must submit to the Department a certification, signed by an independent registered professional engineer verifying that post-closure care has been completed in accordance with the post-closure plan, and a copy placed in the operating record. A C/DLF Owner or Operator may submit certification signed by a registered professional engineer in lieu of an independent registered professional engineer.*
- (f) *If the Permittee or owner, or any subsequent owner of the land upon which a landfill unit is located wishes to remove waste, waste residues, the liner, if any, or any contaminated soils, the owner must request approval from the Department. The owner may also ask permission to remove the notation from the recording instrument if all waste and contaminated soils are removed from the property and no unpermitted discharges to waters have occurred.*

The Dale County Commission will implement a post-closure program after the facility has been successfully closed. The post-closure program will involve maintenance activities as well as property control measures. The post-closure care period shall be for thirty (30) years after the closure of each landfill unit.

The following activities will be performed as part of the post-closure maintenance program:

- Regular scheduled inspections to determine if the closure plan procedures were effective in closing out the site will be made. These inspections will be scheduled quarterly for the first year. Semi-annually for the next four (4) years, and annually thereafter. Based on these inspections the following measures will be enacted when necessary:
- If areas of the closed landfill have eroded, or if low spots occur or if surface cracks occur, the Dale County Commission will promptly fill the areas with suitable cover material, regrade, compact, and reestablish a vegetative cover in accordance with closure plan procedures.
- The Dale County Commission will maintain a minimum of two (2) feet of cover material over the closed landfill
- Access control structures and signs will be maintained during the post-closure time period to prevent access to the site by unauthorized personnel.
- The Dale County Commission will remove any solid waste disposed of at the site after the landfill is closed. The solid waste will be disposed of by the Dale County Commission in a permitted facility, in accordance with local, state, and federal regulations.

- The Dale County Commission will maintain erosion control devices constructed during final closure activities. Silt fences and hay bales will be maintained, repaired, and replaced as necessary to insure that erosion control is maintained on the site. All stormwater drainage piping, ditching, will also be maintained, repaired, and replaced as necessary.
- The Dale County Commission will maintain its gas monitoring program in accordance with ADEM requirements and as stated in the Gas Monitoring Plan.
- Vector control measures will be provided by the Dale County Commission during the post-closure period.
- If the Dale County Commission or anyone else, wishes to remove waste, waste residues, or any contaminated soils, the Landfill will request approval from ADEM prior to any such removal.

The contact person for Dale County Commission shall be:

Mr. Derek Brewer
Dale County Engineer
202 South Highway 123, Suite A
Ozark, Alabama 36360
(334) 774-5875

Within 90 days of site closure a land survey will be obtained by the Dale County Commission showing the boundary of the area containing solid waste. This boundary survey will be tied to permanently surveyed benchmarks and section corners. The Dale County Commission will then have a notation recorded on the land deed for the property containing the landfill area and state that the area has been used as a solid waste disposal facility. The recorded notation shall also state that any future use of the land will be restricted by all applicable current ADEM Regulations at the time of consideration. A note will be attached to the deed stating the name of the Permittee, the type of disposal facility, and the beginning and closure dates of the disposal activity. The Dale County Commission assures that the boundary survey will be prepared and sealed by a registered land surveyor and will also be attached to the deed. The Dale County Commission will also obtain a certification by a Professional Engineer, licensed to practice in the State or Alabama, stating that all closure requirements required by ADEM have been satisfactorily completed.

Within 120 days after completion of site closure the Dale County Commission will submit to ADEM a certified copy of the recording instrument (deed).

The Dale County Commission also assures that any post-closure use of the landfill site will not result in the disturbance of the integrity of the final cover on the site, interfere with any erosion control devices or prevent access to monitoring control systems.

12.0 GENERAL OPERATIONAL STANDARDS

12.1 Introduction

This section addresses the general operating standards of ADEM Rule 335-13-4-.21

12.2 General Operation

ADEM Rule 335-13-4-.21: General Operational Standards for Landfill Units

Any person or agency operating or planning to operate a landfill unit shall operate and maintain the facility consistent with this Division. General requirements for operating and maintaining an acceptable landfill unit shall be:

(1) General Operation.

- (a) The operation and use of the landfill unit shall be as stipulated in the permit.*
- (b) Waste accepted at the facility shall be strictly controlled so as to allow only waste stipulated on the permit or otherwise as may be approved by the Department. The permittee of any facility permitted under these Rules must have in the operating record a plan describing procedures the permittee will implement for detecting and preventing the disposal of free liquids, regulated hazardous wastes, regulated medical wastes, and regulated PCB wastes at the facility. This plan must include at a minimum:*
 - 1. Random inspections of incoming loads to ensure that incoming loads do not contain free liquids, regulated hazardous wastes, regulated medical wastes, or regulated PCB wastes.*
 - 2. Inspection of suspicious loads.*
 - 3. Records of all inspections to include origin of waste suspected to be regulated hazardous, regulated medical, or regulated PCB waste if known; transporters, to include transfer stations and all handlers of the waste enroute to the disposal site; and any certifications from generators provided to the permittee or facility personnel. These records must be maintained on file in the operating record of the facility.*
 - 4. Training of facility personnel to recognize free liquids, regulated hazardous wastes, regulated medical wastes, and regulated PCB wastes.*
 - 5. Procedures for notifying the proper authorities if free liquids, regulated hazardous wastes, regulated medical wastes, or regulated PCB wastes are discovered at the facility.*
 - 6. Methods to identify all industrial users of the facility, producers of special wastes, and transporters of these wastes.*

The Dale County Commission will implement a program for detecting and preventing the disposal of the following types of wastes: municipal solid waste, regulated hazardous waste as defined by ADEM Regulations and Subtitle C of the federal Resource Conservation and Recovery Act, regulated PCB waste, regulated medical waste, and liquid wastes (liquid waste must be solidified prior to disposal).

Vehicles carrying acceptable waste will be directed to the unloading and disposal area. During the disposal process the waste will be inspected by site personnel who have been trained to identify unauthorized waste.

If unauthorized waste is unloaded on-site, for whatever reason, site operation in the area of the suspected waste will close immediately, except for those operations necessary to confine or prohibit the movement of the suspected waste. That part of the site will be isolated from all other operations. The site manager will immediately notify the Dale County Commission. The waste vehicle will be detained on-site pending a satisfactory resolution of the situation. The unauthorized material will then be removed in accordance with required regulations and transported off site for disposal.

Records will be kept for all unauthorized materials. The owner will ensure that all facility personnel are properly trained to recognize regulated hazardous waste and PCB waste.

The Dale County C&D Landfill accepts Construction/Demolition Waste - waste building materials, packaging, and rubble resulting from construction, remodeling, repair, or demolition operations on houses, commercial buildings, and other structures. Such wastes include, but are not limited to, masonry materials, sheet rock, roofing waste, insulation, scrap metal, and wood products. This landfill will also accept uncontaminated concrete, soil, brick, waste asphalt paving, ash resulting from the combustion of untreated wood, rock, and similar materials. In addition to the initial waste screening, the operators at the working face will also carefully examine each load as it is unloaded for prohibited waste.

(d) The landfill unit shall be operated in such a manner that there will be no water pollution or unauthorized discharge.

1. Any discharge resulting from a landfill unit or practice may require:

(i) A National Pollutant Discharge Elimination System (NPDES) permit under the Alabama Water Pollution Control Act as issued by the Department.

(ii) A dredge or fill permit from the Army Corps of Engineers as required under Section 404 of the Clean Water Act, as amended; or

(iii) That a non-point source of surface waters does not violate an area wide or statewide water quality management plan that has been approved under the Alabama Water Pollution Control Act.

2. The groundwater shall not be contaminated as specified by this Division.

The landfill will be operated in accordance with this application, the solid waste permit and the NPDES permit so that no discharges are allowed that would cause pollutants to enter the waters of the state. Measures to ensure proper operation include:

- Weekly cover to reduce exposure to the waste
- Drainage control features to ensure runoff is controlled

(e) The facility shall be identified with a sufficient number of permanent markers which are at least visible from one marker to the next.

Sufficient markers will be placed along the property boundary to prevent the unknowing entry into the landfill area. The markers will be placed so that they are at least visible from one marker to the next.

(f) Measuring or weighing devices shall be required for all municipal solid waste landfill units accepting solid waste. All solid waste shall be properly measured or weighed prior to disposal unless otherwise approved by the Department.

All vehicles must first stop at the scale house. All vehicles hauling waste will be weighed, ticketed, and directed to the working face.

2) Open Burning.

(a) Open burning of solid waste at any landfill unit is prohibited unless approved by the Department as follows:

- 1. Clearing debris at the landfill unit such as trees and stumps may be burned if prior approval is received from the Department and the Alabama Forestry Commission.*
- 2. Emergency clean-up debris resulting from catastrophic incidents may be burned at a permitted landfill unit if consistent with the intent of this Division and air pollution control requirements. Prior approval must be received from this Department and other appropriate agencies.*
- 3. If approved, the burning shall not occur over previously filled areas or within 200 feet of existing disposal operations unless otherwise specified by the Department and such burning shall not cause a public nuisance or pose a threat to public health.*

(b) The person or agency requesting permission to burn solid waste shall apply in writing to the Department, outlining why a burn request should be granted. This request should include, but not be limited to, specifically what areas will be utilized, types of waste to be burned, the projected starting and completion dates for the project, and the projected days and hours of operation.

Burning of solid waste will be strictly prohibited. If burning of cleared material is necessary, the necessary approvals will be requested from ADEM and the Alabama Forestry Commission.

13.0 SPECIFIC REQUIREMENTS FOR C/D LANDFILLS

13.1 Introduction

This section addresses the specific requirements for C&D landfills of ADEM Rule 335-13-4-.23

13.2 Daily Operation

ADEM Rule 335-13-4-.23: Specific Requirements for Inert- Construction/Demolition Landfills and Industrial Landfills

The following requirements in conjunction with 335-13-4-.23 shall be for operating and maintaining an acceptable C/DLF or ILF:

(1) Operation.

(a) All waste shall be covered as follows:

- 1. A minimum of six inches of compacted earth or other alternative cover material that includes but is not limited to foams, geosynthetic or waste products, and is approved by the Department shall be added at the conclusion of each week's operation or as otherwise specified by the Department to control disease vectors, fires, odors, blown litter and scavenging.*
- 2. Final closure shall be carried out in accordance with 335-13-4-.20 of this Division.*

(b) All waste shall be thoroughly spread in layers two feet or less in thickness and thoroughly compacted weekly with adequate landfill equipment prior to placing additional layers of waste or placing the weekly cover as specified in 335-13-4-.23(1)(a)1., unless otherwise approved by the Department. Waste such as construction/demolition waste and other types of waste which cannot be managed by landfill equipment in this manner shall be managed in a manner approved by the Department.

(c) All waste shall be confined to as small an area as possible and placed onto an appropriate slope not to exceed 4 to 1 (25%) or as approved by the Department.

(d) The facility shall be operated in accordance with approved plans and permits.

(e) The site shall be adequately secured to prevent entry except by authorized person(s) unless an operator is on site.

(f) If the site is available to the public or commercial haulers, a sign shall be posted at the landfill stating:

- 1. name of permittee,*
- 2. owner and/or operator,*
- 3. name of landfill,*
- 4. days and hours of operation,*
- 5. waste types accepted, and*

6. *disposal fees for use of the landfill.*
- (g) *Provisions shall be made for disposal activities in adverse weather conditions.*
- (h) *Adequate personnel shall be provided to insure continued and smooth operation of the site.*
- (i) *Adequate equipment shall be provided to insure continued operation in accordance with permit and regulations.*
- (j) *Bulk or noncontainerized liquid waste, or containers capable of holding liquids, shall not be accepted at a C/DLF or ILF unless:*
 1. *the liquid is leachate or gas condensate derived from the C/DLF or ILF unit, and*
 2. *the C/DLF or ILF unit is designed with a minimum single liner and leachate collection system or approved equivalent liner and leachate collection system.*
- (k) *Empty containers larger than 10 gallons in size must be rendered unsuitable for holding liquids prior to disposal in the landfill unit unless otherwise approved by the Department.*

All waste will be confined to as small an area as possible and spread to a depth not exceeding two feet prior to compaction, and such compaction shall be accomplished on a working face slope not to exceed 4:1, or as otherwise approved by the Department.

All waste will be thoroughly compacted with adequate landfill equipment before the cover is applied. The compacted daily fill will not exceed eight feet in vertical thickness measured perpendicular to the slope of the preceding cell.

All vehicles will access the Dale County C&D Landfill via the access road off of County Shop Road. This entrance will include a secure gate. A sign outlining instructions for use of the site will be posted at the entrance and shall include: name of facility, name of permitted and/or operating agency or person, days and hours of operation, disposal fees, and types of waste accepted.

Identification and statement of purpose for access will be mandatory and will be monitored by weigh scale operators. All vehicles entering the landfill must stop and report to the weigh scale office. If the vehicle is not a collection vehicle, all persons must register at this office. Upon receiving clearance from site personnel or management they will be directed to the appropriate area.

Waste collection and transfer vehicles will stop at the incoming scale and register. The waste vehicle will then be directed to the unloading area, then return and proceed directly to the landfill exit.

The facility will be staffed by the Owner to ensure the facility is effectively and efficiently controlled, operated, developed, and maintained to comply with all conditions of its permit. New employees will be hired as the need arises to fill vacant or open positions. New employees will undergo training to include safety, operations, regulations, and acceptable waste.

On-site equipment will be selected and maintained to handle the expected quantity of incoming waste.

13.3 Routine Maintenance

ADEM Rule 335-13-4-.23(2): Routine Maintenance.

(2) Routine Maintenance.

- (a) Scavenging shall not be permitted, and salvaging operations shall be controlled.
- (b) Litter shall be controlled within the permitted facility.
- (c) Completed sites or portions of sites shall be properly closed as provided by this Division and approved facility plans.
- (d) An all-weather access road shall be provided to the dumping face.
- (e) Environmental monitoring and treatment structures shall be protected and maintained in good repair and easily accessible.
- (f) Records shall be maintained on the daily volume of waste received at C/DLFs and ILFs. A quarterly report utilizing a format approved by the Department which summarizes the daily volumes shall be submitted to the Department and maintained on file in the operating record of the facility by the permittee.
- (g) Measures shall be taken to prevent the breeding or accumulation of disease vectors. If determined necessary by the Department or the State Health Department, additional disease vector control measures shall be conducted.

Scavenging will be prohibited and salvaging operations will be controlled using material segregation. Shown below are some basic steps showing the flow of waste as it enters the landfill:

Material will be brought into the facility through the Scale/Observation office. At this point the scale operator will observe each load to determine if unacceptable material is contained within the load. Only material described in section VIII of the permit application, (Located in Appendix A of this document), will be allowed to be disposed of in the landfill.

Each accepted load will then be directed to the staging area located near the active cell. The load will be emptied and segregation of the load will be performed, which *may* include segregation of metals, tires, stumps, brush debris, or bagged grass clippings. Here, if any unacceptable waste is discovered in the load, the unacceptable waste will be stockpiled and loaded on the transport truck for return to the generator, or will be returned in a separate roll-off box.

Remaining waste materials will then be directed to the active disposal cell.

Litter will be controlled within the permitted facility through the use of wind fencing. In addition, litter will be monitored and picked up along the access to and from the landfill.

All weather access will be provided to the landfill. The all-weather road will be constructed to ensure all-weather access. In addition, drainage features will be added to ensure adequate runoff.

Environmental monitoring and treatment structures will be protected and maintained in good repair.

As cells are filled with waste and the final elevations are reached, closure will take place. The closure activities are described in Section 12 of this application..

Records will be maintained on the daily volume of waste received at the site. Quarterly volume reports will be submitted to the Department in an approved format and maintained on file in the operating record of the facility by the permittee.

13.4 Additional Requirements

ADEM Rule 335-13-4-.23(3):

(3) *Additional Requirements.*

- (a) *Notwithstanding this Rule, certain requirements for operating and maintaining a C/DLF or ILF may be enhanced or reduced by the Department as deemed necessary to comply with the Act and this Division. Any action by the Department to enhance or reduce the requirement(s) must be done in writing from the Department.*

The Dale County Commission will operate the facility in accordance with this application, the solid waste permit, and other requirements that may be applicable.

14.0 RECORDKEEPING REQUIREMENTS

14.1 Introduction

This section addresses the recordkeeping requirements of ADEM Rule 335-13-4-.29.

14.2 Recordkeeping

ADEM Rule 335-13-4-.29: Recordkeeping Requirements

Recordkeeping shall be maintained as follows:

(1) Operating Record.

The owner or operator of a MSWLF, C/DLF or ILF unit must record and retain in an operating record at the facility, or in an alternative location approved by the Department, the following information as it becomes available:

- (a) Solid Waste Disposal Facility Permit as issued by the Department.*
- (b) Permitted application, operational narrative, and engineering drawings. This may include, but is not limited to:*
 - 1. Any location restriction demonstration required under 335-13-4-.01 of this Division;*
 - 2. Any MSWLF unit design documentation for placement of leachate or gas condensate in a MSWLF unit as required under 335-13-4-.22(1)(k) of this Division;*
 - 3. Closure and post closure care plans as required by 335-13-4-.20 of this Division;*
 - 4. Explosive gas monitoring plans as required by 335-13-4-.16 of this Division;*
 - 5. Corrective action plan, if necessary, which includes detection in assessment monitoring;*
 - 6. Any other documentation submitted to the Department during the permitting process.*
- (c) Reports or documentation generated during the normal operation of the facility may include, but are not limited to:*
 - 1. Gas monitoring results from monitoring and any remediation plans required by 335-13-4-.16;*
 - 2. Inspection records, training procedures, notification procedures, and other information required in 335-13-4-.21(1)(b);*
 - 3. Any monitoring, testing, or analytical data as required by 335-13-4-.20 of this Division concerning closure;*
 - 4. Any demonstration, certification, finding monitoring, testing, or analytical data required by 335-13-4-.27 concerning groundwater monitoring and corrective action;*
 - 5. Quarterly volume reports as required in 335-13-4-.22(2)(g) or 335-13-4-.23(2)(f) of this Division;*

6. *Waste certifications as required by 335-13-4-.21(1)(c) of this Division;*

7. *Any other report or document generated in the normal operation of the facility which is submitted to the Department.*

(d) Any cost estimates and financial assurance documentation required by 40 CFR 258, Subpart G.

(2) Department notification.

The owner/operator must notify the Department when the documents from subparagraph (1)(b) of this Rule have been placed or added to the operating record, and all information contained in the operating record must be furnished upon request to the Department or be made available at all reasonable times for inspection by the Department.

(3) Alternative schedules.

The Department can set alternative schedules for recordkeeping and notification requirements as specified in paragraphs (1) and (2) of this Rule, except for notification requirements in 335-13-4-.01(1)(c) and 335-13-4-.27 (4)(g)3.(iii).

The Dale County C&D Landfill will maintain at the facility, (or other approved location), an operating record during the active life of the landfill. This operating record will contain the following:

- the most current permit application including the Permit Drawings,
- the Closure and Post Closure Plan,
- the Explosive Gas Monitoring Plan,
- any documents submitted to ADEM as part of the permitting process,
- a record of the gas monitoring results,
- a record of inspections,
- a record of training,
- a record of monitoring and testing as required by the Closure Plan,
- a record of quarterly volume reports,
- copies of waste certifications required by 335-13-4-.21(c),
- a record of reports and documents submitted to ADEM, and
- the cost estimate and financial assurance documentation required by 40 CFR 258, Subpart G.

The Dale County Commission will notify ADEM when the documents from 335-13-4-.29(1)(b) have been placed into the operating record. The operating record will be kept at the landfill office and be available for review during ADEM inspections or upon request by ADEM.

PERMT APPLICATION
SOLID WASTE DISPOSAL FACILITY
CONSTRUCTION/DEMOLITION LANDFILL
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
(Submit in Triplicate)

The following application, with all required attachments, must be submitted before the Department will begin its review.

SECTION I:

LANDFILL ACTION: New Application
 Renewal Application , Permit Number _____
 Modification Application, Permit Number 23-06

LANDFILL NAME: Dale County C/D Landfill

LANDFILL ADDRESS (MAILING): 1702 Hwy 123 South- Suite A
Ozark, Alabama 36360

LANDFILL ADDRESS (PHYSICAL): NA

SECTION II:

APPLICANT/PERMITTEE:

NAME: Dale County Commission

ADDRESS: 1702 Hwy 123 South- Suite A
Ozark, Alabama 36360

TELEPHONE: (334) 774-6262

If applicant/permittee is a Corporation, please list officers:

NA

SECTION III:

LANDFILL OPERATOR:

NAME: Dale County Commission
ADDRESS: 1702 Hwy 123 South- Suite A
Ozark, Alabama 36360
TELEPHONE: (334) 774-6262

SECTION IV:

CONTACT PERSON(S):

Name: (1) Derek Brewer, Dale County Engineer
Address: 1702 Hwy 123 South- Suite A
Ozark, Alabama 36360
Telephone: (334) 774-5875

SECTION V:

LANDOWNER(S),

Name: (1) Dale County Commission (2)
Address: 1702 Hwy 123 South- Suite A
Ozark, Alabama 36360
Telephone: (334) 774-6262

Attach copy of agreement from the landowner giving permission to use site for disposal if landowner is different from applicant.

SECTION VI:

ADJACENT LANDOWNER(S):

- a. Submit a list of all adjacent landowners including name and current mailing address
- b. Submit a drawing/map identifying the proposed disposal site and the properties of all adjacent landowners listed in "a" above

SECTION VII:

LOCAL APPROVAL: Required (Yes or No) YES NO

February 13, 2006 Date Received if needed (attach copy of resolution and proof of publishing public notice)

FEE SHEET FOR SOLID WASTE PERMITS

ADEM No.: 23-3632

Applicant: Dale County C&D Inert Landfill

Location: Dale County, Alabama

Permit No.: 23-06

Date Application Received: 03/31/06

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
Municipal Solid Waste Landfill	\$33,120		\$7,360	
Minor Modification ¹		\$1,295		
Major Modification ²		\$12,880		
Construction/Demolition Landfill	\$2,820		\$1,065	
Minor Modification ¹		\$575		
Major Modification ²		\$1,150		\$1,150
Industrial Landfill	\$5,005		\$1,610	
Minor Modification ¹		\$575		
Major Modification ²		\$1,725		
Medical Waste Transfer Facility	\$805	\$290	\$520	
New Technology Review	\$4,025			
Commercial Steam Sterilization	\$6,500	\$2,875	\$3,625	
Commercial Transportation of Medical Waste	\$1,380	\$575	\$805	
Storage of Untreated Medical Waste	\$1,035	\$260	\$775	

Additional Fees				
Geological Review:	\$1,925	\$1,295	\$1,295	
Greenfield Site:	\$630			
Public Hearing:	\$3,335	\$3,335	\$3,335	
Name Change/Transfer:		\$315		
Variance Request	\$575	\$575	\$575	
Compost facility	\$1,265	\$690		
Solid Waste Disposal Notification	\$85	\$85	\$85	

¹ These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(2)

² These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(1)

Total Fee Due:	\$1,150
Amount Submitted with Application:	\$1,150
Amount Received: <i>4/20/06</i>	\$1,150
Amount to be Billed:	\$0
Amount Received:	
Date Received:	
Amount to be Refunded:	

Fee Schedule Prepared by: *[Signature]*

Date: *4/15/06*

Fee Schedule Reviewed by: *[Signature]*

Date: *4/5/06*

WJ

Date County Commission

ACCOUNT	P.O. NO.	INVOICE DATE	INVOICE NO.	INVOICE AMOUNT	ADJ.	NET AMOUNT
02014204200407		03/15/06	MAJOR MOD	1150.00		1150.00
000001609	033785					*****1150.00 AMOUNT

VENDOR NO.

CHECK NO.



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering - Land Surveying

**101 Market Place ~ Montgomery, AL 36117
Phone (334) 271-2827 ~ Facsimile (334) 271-5722**

To: Rao Malladi Fax Number: 279-3050

From: Cole Burdet Date: 1-24-07

Number of Pages Faxed: 2

Urgent For Review Please Comment Please Reply

Notes:

Rao,
Attached is the Statement of Consistency for Dale
County. If you require any further info let me
know

Thanks,
Cole

Southeast Alabama Regional Planning and Development Commission

P.O. Box 1406

Dothan, Alabama 36302



Phone: 334 794-4093

Fax: 334-794-4288

www.searpc.com

www.southeastalabama.com

Statement of Consistency

The Southeast Alabama Regional Planning and Development Commission (SEARP&DC) is in receipt of a request for a "Statement of Consistency" regarding a Solid Waste Permit Application being modified for the Dale County C&D Landfill in Dale County, Alabama. This request is being made by Environmental Consulting and Engineering, Inc.

The Southeast Alabama Regional Planning and Development Commission is in receipt of Dale County's Solid Waste Management Plan (SWMP) which was approved by the Alabama Department of Environmental Management (ADEM) on December 21, 2004. The SWMP was prepared by Environmental Consulting & Engineering, Inc. and the Southeast Alabama Regional Planning and Development Commission has reviewed the plan. SEARP&DC was not involved in the preparation of this plan and does not certify to the accuracy and validity of information contained therein.

Based on the information contained in the Regional Solid Waste Needs Assessment which does not verify the origin and destination of all solid waste coming in or going out of the SEARP&DC region and based upon the recommendations contained in Dale County's Solid Waste Management Plan, it appears that the proposal is consistent with information contained in the Regional Solid Waste Needs Assessment and the County's Solid Waste Management Plan.

1-24-07
Date

Signature of Authorizing Official
Executive Director
Southeast Alabama Regional Planning and
Development Commission

Signature of Notary Public

My Commission
Expires April 22, 2007

SECTION VIII:

WASTE DESCRIPTION:

a. Describe and list all waste streams/types to be accepted at landfill:

b. Construction / demolition wastes including masonry, gypsum board, roofing, insulation,
rebar, scrap metal, wood, and similar wastes.

b. List proposed service area (geographic area or location(s)):
Dale County

c. What is the maximum daily volume of waste to be received at the landfill? (Select One)
65 tons per day cubic yards per day

SECTION IX:

SITE DESCRIPTION:

a. Attach location map with the site clearly identified. Acceptable maps include a USGS 7.5 or 15 minute series, a county highway map published by the Alabama Department of Transportation.

b, Location:
County: Dale

Part: of Section(s): Sec 12 and Sec 13, Township 5 North, Range 24 East

c. Attach legal property description and boundary plat of the permitted area and disposal area prepared and signed by a licensed land surveyor.

d. Size of permitted area: 250 existing, proposing to add 22.33± acres for a total of 272.33± acres

e. Size of disposal area: 28± existing proposing to add 12.02± acres for a total of 40.02± acres

This Section is to be completed by the applicants/permittees. A copy of all concurrence letters must be attached to this application upon submittal to the Department.

Location Standards (Rule 335-13-4-.01(1))

- a. Is the landfill located in the 100-year flood plains? (need to have flood plain map)

NO: YES:

- b. Does the proposed landfill disposal area:

- (1) Jeopardize the continued existence of endangered or threatened species protected under the Endangered Species Act of 1973?

NO: YES: (Attach letter from U.S. Dept. of Interior or Alabama Fish and Wildlife)
Letter attached in Appendix F

- (2) Result in the destruction or adverse modification of critical habitats protected under the Endangered Species Act of 1973?

NO: YES: (Attach letter from U.S. Dept. of Interior or Alabama Fish and Wildlife)
Letter attached in Appendix F

- c. Is the proposed landfill located in a zone of active faults, seismic impact zones and unstable areas?

NO: YES:

(If YES then all required seismic studies should be submitted to the Department:)

- d. Is the proposed landfill located in an area that is archaeologically sensitive?

NO: YES: (Attach letter from the State Historic Preservation Officer)
Letter attached in Appendix H

Water Quality Standards (Rule 335-13-4-.01(2)):

(ADEM Water Division should be contacted to determine if permit is required)

- a. Will the proposed landfill discharge Pollutants to waters of the State in violation of requirements of the National Pollutant Discharge Elimination -System (NPDES) Permit?

NO: YES:

- b. Will the proposed landfill violate any requirement of an area wide or Statewide water quality plan that has been approved under the Alabama Water Pollution Control Act?

NO: YES:

- c. Will any part of the landfill including buffer zone, be located in wetlands, beaches, dunes?

NO: YES:

- d. Will solid waste be disposed in any location which will significantly degrades wetlands, beaches or dunes?

NO: YES:

e. Will the proposed landfill be located outside the boundaries of the coastal area? (If not, then all demonstrations should be submitted to take Department for review.)
NO: YES:

Groundwater Elevations:

Has a minimum five-foot separation between the floor of the disposal cell and the groundwater been established?
NO: YES:

SECTION XI:

GENERAL COMMENTS:

All materials listed in Rules 335-13-4-.12 to 335-13-4-.17, Rules 335-13-4-.19 to 335-13-4-.20, and Rule 335-13-4-.23 shall be kept at the landfill office along with a copy of the engineering drawings which must be submitted to the Department for review.

The applicant/permittee is responsible for obtaining a copy of the Division 13 regulations and complying with all Rules related to construction/demolition landfill units.

SECTION XI:

CERTIFICATION OF LOCAL GOVERNMENT APPROVAL:

Upon submittal of this applications we the undersigned certify that local approval has been obtained from Dale (city/county). Evidence of this local approval is contained in documents which are on file at the permit applicant's business address.

CERTIFICATION OF COMPLIANCE:

Upon submittal of this Application, we the understood certify that this document and all attachments submitted are to the best of our knowledge and belief, true, accurate, and complete. We also understand that if any of the material certified to above has not been received, or is not complete or is not accurate, that shall be grounds for the Department to revoke the landfill permit if issued.

SIGNATURE (Responsible official of permit applicant),

Eunice Hagler

Honorable Eunice Hagler

(please print or type name)

TITLE: Dale County Commission Chairperson

DATE: 2/13/06

SIGNATURE (Certifying Engineer).

John McLain

John McLain

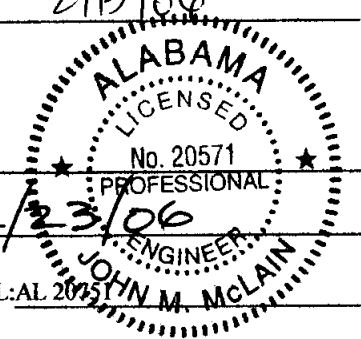
(please print or type name)

TITLE: Engineer

DATE: 2/23/06

FIRM: ECE, Inc.

STAMP OR SEAL: AL 20571



The Southern Star

Ozark, Alabama

STATE OF ALABAMA
DALE COUNTY

Before me the undersigned authority in and for said County and State, personally appeared

JOSEPH H. ADAMS

who being by me first duly sworn deposes and says that during the time herein mentioned he was publisher of The Southern Star, a newspaper of general circulation published in Dale County, Alabama, and that the attached notice was published in said newspaper for once a week for FIVE papers on December 21, 28, 2005 JANUARY 4, 11, 2006

Joseph H. Adams
PUBLISHER

PUBLIC NOTICE
Pursuant to Section 22-27-48 of the Code of Alabama, the Dale County Commission hereby issues public notice of its intent to consider an Application for Host Government Approval ("Application") of a proposed application to the Alabama Department of Environmental Management for a Solid Waste disposal Permit modification for the existing construction and demolition landfill facility at its regular scheduled commission meeting on the 23rd day of January, 2006, at 6:00 p.m. at the Dale County Government Building located at 202 S. Hwy. 123 Ozark, Alabama. The Application involves the siting of a construction and demolition landfill facility expansion in Section 13, Township 5 North, Range 24 East, Dale County, Alabama, and is consistent with the solid waste Management plan ("Plan"). A copy of the Application and Plan may be inspected at the Dale County Engineer's Office during normal business hours, 7:00 a.m. until 3:30 p.m., Monday through Friday any questions or comments may be submitted orally or in writing to Derek Brewer, County Engineer, at the Dale County Engineer's Office. The public comments period shall begin December 21, 2005 and end January 23, 2006 at 7:00 p.m.
Dale County Engineer Dept.
202 S. Hwy 123, Suite A
Ozark, AL 36360
5t Dec. 21, 28, 2005 Jan. 4, 11, 18, 2006

Sworn to and subscribed before me on the 12th day of JANUARY 2006

Cynthia Dawn Peters
NOTARY PUBLIC

RECEIVED
JAN 24 2006
CBS

**RESOLUTION TO APPROVE
A CONSTRUCTION/DEMOLITION LANDFILL
SITE IN DALE COUNTY**

RESOLUTION NO.:

2006-02-13-01

WHEREAS, the Dale County Commission ("Commission") has considered the Application for Host Government Approval of a Solid Waste Management Facility ("Application") submitted by Dale County Commission ("Applicant") pursuant to *Alabama Code* § 22-27-48 (1975), for approval to modify Dale County Construction and Demolition Landfill, Permit # 23-06, to add 22.33 acres to the facility's permitted boundary for disposal of waste. This acreage adjoins the existing landfill to the South and is located in Section 13, Township 5 North, Range 24 East, Dale County, Alabama ("Facility"); and

WHEREAS, the Commission has determined that the Facility is consistent with the solid waste needs of Dale County, Alabama ("County") and the Dale County Solid Waste Management Plan; and

WHEREAS, the Commission has provided a public notice and comment period and has held a public meeting to consider the approval of the Application as required by law.

NOW THEREFORE BE IT RESOLVED, that the Commission has considered the following factors in connection with the Application:


1. The County's solid waste management needs as identified in the Dale County Solid Waste Management Plan.
2. The relationship of the proposed Facility to planned or existing development or the absence thereof, to major transportation arteries and to existing State primary and secondary roads.
3. The location of the proposed Facility in relationship to existing industries in the State that generate large volumes of solid waste, or the relationship to the areas projected for development of industries that will generate solid waste.
4. The costs and availability of public services, facilities, and improvements required to support the proposed Facility and protect public health, safety and the environment.
5. The impact of the proposed Facility on public safety and provisions made to minimize the impact on public health and safety.
6. The social and economic impacts of the proposed Facility on the affected community, including changes in property values and social or community perception.

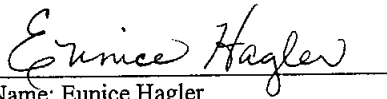
After consideration of the above referenced factors, the Commission does hereby approve the Application and grant to the Applicant Host Governmental Approval of the Application.

ADOPTED and APPROVED this 13 day of February, 2006.

ATTEST:

Dale County Commission, Dale County, Alabama


Name: Debbie Deloney
Title: Commission Clerk

By: 
Name: Eunice Hagler
Title: Chairperson



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

Alabama Department of Environmental Management
Land Division

On February 2, 2006 Mr. Scott Farmer of the Southeast Alabama Regional Planning and Development Commission was contacted requesting information regarding the Statement of Consistency required by 335-13-5-.02 (1)(b). Mr. Farmer stated that the Southeast Alabama Regional Planning and Development Commission were not addressing any work related to solid waste activities at this time because of a pending lawsuit/countersuit. Therefore the Statement of Consistency is not included as part of this permit modification application.

Sincerely,

Environmental Consulting and Engineering, Inc.

A handwritten signature in black ink, appearing to read 'Cole Burdett', written in a cursive style.

Cole Burdett

PARCEL ID: 11-06-13-0-001-010.0000

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

207/513

04/14/1999

CONSID: 0

LAND VAL: 6860

IMPR VAL: 0

APPR VAL: 6860

TAX DUE: 40.02

CLASS: 2

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

420' X 315' LOT IN PT S1/2 OF SEC BEG 375'S

SELY OF INT E R/WOF HY 231 & N LINE O

OWNER NAME & ADDRESS

NEWMAN ALTON J

915 COUNTY ROAD 30

OZARK AL 36360

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-011.0010

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

10/730

10/26/1979

CONSID: 0

LAND VAL:

0

IMPR VAL:

0

APPR VAL:

0

TAX DUE:

0.00

CLASS: 3

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

90' X 250' LOT IN PT S1/2 OF SEC BEG 790'S

SELY OF INT E R/WOF HWY 231 & N LINE O

OWNER NAME & ADDRESS

NEAL MONROE D JR & ETALS

160 CRITTENDEN ROAD

OZARK AL 36360

CROP: 0.00

PASTURE: 0.00

TIMBER: 0.00

TOTAL: 0.00

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-011.0000

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:RES

DEED: BOOK-PAGE

10/732

10/26/1979

CONSID: 0

LAND VAL: 8830

IMPR VAL: 20980

APPR VAL: 29810

TAX DUE: 172.84

CLASS: 2

SUBDIVISION:

DIMENSIONS: 415 x 250

BRIEF LEGAL DESCR.

415'S X 250'SLOT IN PT S1/2 OF SEC BEG

2160'S NWLY OF INT ER/W OF HWY 231 & S

LI

OWNER NAME & ADDRESS

NEAL MONROE D JR & ETALS

160 CRITTENDEN ROAD

OZARK AL 36360

BUILDING INFORMATION:

YEAR BLT/RM: 1950

BASE AREA: 1590

UPPER AREA: 0

BLDG TYPE: SINGLE FAMILY

EXT WALLS: Wood & Sheathing

INT FIN: Drywall/Sheetrock

FLOORS: Single Pine

ROOF TYPE: Hip/Gable

ROOF MATLS: Asphalt Shingles

FOUNDATION: Piers

FEATURES

Open Porch-with Post

STORIES: 1.00

ROOMS: 2

APTS: 0.00

0.00

0.00

0.00

0.00

CROP:

PASTURE:

TIMBER:

TOTAL:

PARCEL ID: 11-06-13-0-001-012.0000

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

57/679

06/15/1973

CONSID: 0

LAND VAL: 3750

IMPR VAL: 0

APPR VAL: 3750

TAX DUE: 22.04

CLASS: 2

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

210' X 210' LOT IN PT NW1/4-SE1/4 BEG 250'

NE OF INT OF HWY231 & DIRT RD IN SE1/4

OWNER NAME & ADDRESS

WHITE MELVIN

P O BOX 2461

OZARK

AL 36361

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-019.0010

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

095/287

07/25/1979

CONSID: 0

LAND VAL: 3750

IMPR VAL: 9130

APPR VAL: 12880

TAX DUE: 0.00

CLASS: 3

SUBDIVISION:

DIMENSIONS: 210 x 210

BRIEF LEGAL DESCR.

210' X 210' (1 AC) LOT IN PT. NW4-SE4 BEG.

460' ELY OF N INT. OF U S HWY 231 & 3

OWNER NAME & ADDRESS

FRANKLIN BETTY

135 BIVINS DR

OZARK

AL 36360

0.00 BUILDING INFORMATION:

0.00 YEAR BLT/RM:

0.00 BASE AREA: 0

1.00 UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-019.0060

MUNICIPALITY: OZARK

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

199/015

05/15/1997

CONSID: 0

LAND VAL: 2500

IMPR VAL: 30770

APPR VAL: 33270

TAX DUE: 0.00

CLASS: 3

SUBDIVISION:

DIMENSIONS: 170 x 285

BRIEF LEGAL DESCR.

170'(S) X 285'(s) IRR (.4 AC) LOT IN PT.

NW4-SE4 BEG. 670'(s) NELY & 70'(s) NWLY

OWNER NAME & ADDRESS

GAULDON SARAH M

157 BIVINS DR

OZARK

AL 36360

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-019.0030

MUNICIPALITY: COUNTY

LOCATION: RR 3 BOX 13A

PREV OWNER:

IMPROVEMENTS: RES

DEED: BOOK-PAGE

108/268

06/11/1982

CONSID: 0

LAND VAL: 3750

IMPR VAL: 44570

APPR VAL: 48320

TAX DUE: 0.00

CLASS: 3

SUBDIVISION:

DIMENSIONS: 105 x 210

BRIEF LEGAL DESCR.

105' X 210' LOT IN PT NW1/4-SE1/4 BEG 610'
N & 315' W OF SE COR. OF NW1/4-SE1/4;

OWNER NAME & ADDRESS

DURR MARY LUCY

179 BIVINS DR

OZARK

AL 36360

BUILDING INFORMATION:

YEAR BLT/RM: 1982

BASE AREA: 1100

UPPER AREA: 0

BLDG TYPE: SINGLE FAMILY

EXT WALLS: Brick on Wood

INT FIN: Drywall/Sheetrock

FLOORS: Vinyl Tile

ROOF TYPE: Hip/Gable

ROOF MATLS: Asphalt Shingles

FOUNDATION: 00

FEATURES

Garage-Finished/No D

Open Porch-with Post

STORIES: 1.00

ROOMS: 5

APTS: 0.00

PARCEL ID: 11-06-13-0-001-019.0050

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE
186/235
03/15/1995

CONSID: 0

LAND VAL: 1250
IMPR VAL: 0
APPR VAL: 1250
TAX DUE: 7.54

CLASS: 2

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

105' X 110'(S) IRR.(.2 AC) LOT IN PT.
NW4-SE4 BEG. 660' S & 210' W OFNW4-SE4;
SW

OWNER NAME & ADDRESS

BRITT DONALD & DAWN
225 BIVINS DRIVE
OZARK AL 36360

CROP: 0.00
PASTURE: 0.00
TIMBER: 0.00
TOTAL: 0.00

BUILDING INFORMATION:
YEAR BLT/RM:
BASE AREA: 0
UPPER AREA: 0

STORIES: 0.00
ROOMS: 0
APTS: 0.00

BLDG TYPE:
EXT WALLS:
INT FIN:
FLOORS:
ROOF TYPE:
ROOF MATLS:
FOUNDATION:
FEATURES

PARCEL ID: 11-06-13-0-001-018.0000

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

65/181

09/28/1974

CONSID: 0

LAND VAL:

1880

IMPR VAL:

0

APPR VAL:

1880

TAX DUE:

11.02

CLASS: 2

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

210 X 210 (D)BEG AT SE COR OF NW1/4 OF
SE1/4 N ALONG E LINE590FT TO POB CONT
N A

OWNER NAME & ADDRESS

HARPER RUFUS D

RT 3 BOX 143

OZARK

AL 36360

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

PARCEL ID: 11-06-13-0-001-006.0120

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

162/719

05/13/1987

CONSID: 0

LAND VAL: 6410

IMPR VAL: 0

APPR VAL: 6410

TAX DUE: 11.60

CLASS: 3

SUBDIVISION:

DIMENSIONS:

BRIEF LEGAL DESCR.

15.25 AC (D)PT. S2-NW4 BEG. SE COR. OF
NW4; N 760'(S); W 1180'(S); SLY 990'(S); E

OWNER NAME & ADDRESS

WALLACE TERRY D & WIFE NINA V

RR 2 BOX 640

OZARK

AL 36360

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

APTS: 0.00

DALE COUNTY, AL

ALABAMA MAP & DATA SERVICE, INC

COPYRIGHT 2005

PARCEL ID: 11-06-13-0-001-019.0040

MUNICIPALITY: COUNTY

LOCATION:

PREV OWNER:

IMPROVEMENTS:

DEED: BOOK-PAGE

105/590

05/27/1981

CONSID: 0

LAND VAL: 0

IMPR VAL: 0

APPR VAL: 0

TAX DUE: 0.00

CLASS: 3

SUBDIVISION:

DIMENSIONS: 105 x 210

BRIEF LEGAL DESCR.

105' X 210' LOT IN PT NW1/4-SE1/4 BEG 610'

N & 315' W OF SE COR. OF NW1/4-SE

OWNER NAME & ADDRESS

DURR MARY LUCY

179 BIVINS DR

OZARK

AL 36360

CROP: 0.00

PASTURE: 0.00

TIMBER: 0.00

TOTAL: 0.00

BUILDING INFORMATION:

YEAR BLT/RM:

BASE AREA: 0

UPPER AREA: 0

BLDG TYPE:

EXT WALLS:

INT FIN:

FLOORS:

ROOF TYPE:

ROOF MATLS:

FOUNDATION:

FEATURES

STORIES: 0.00

ROOMS: 0

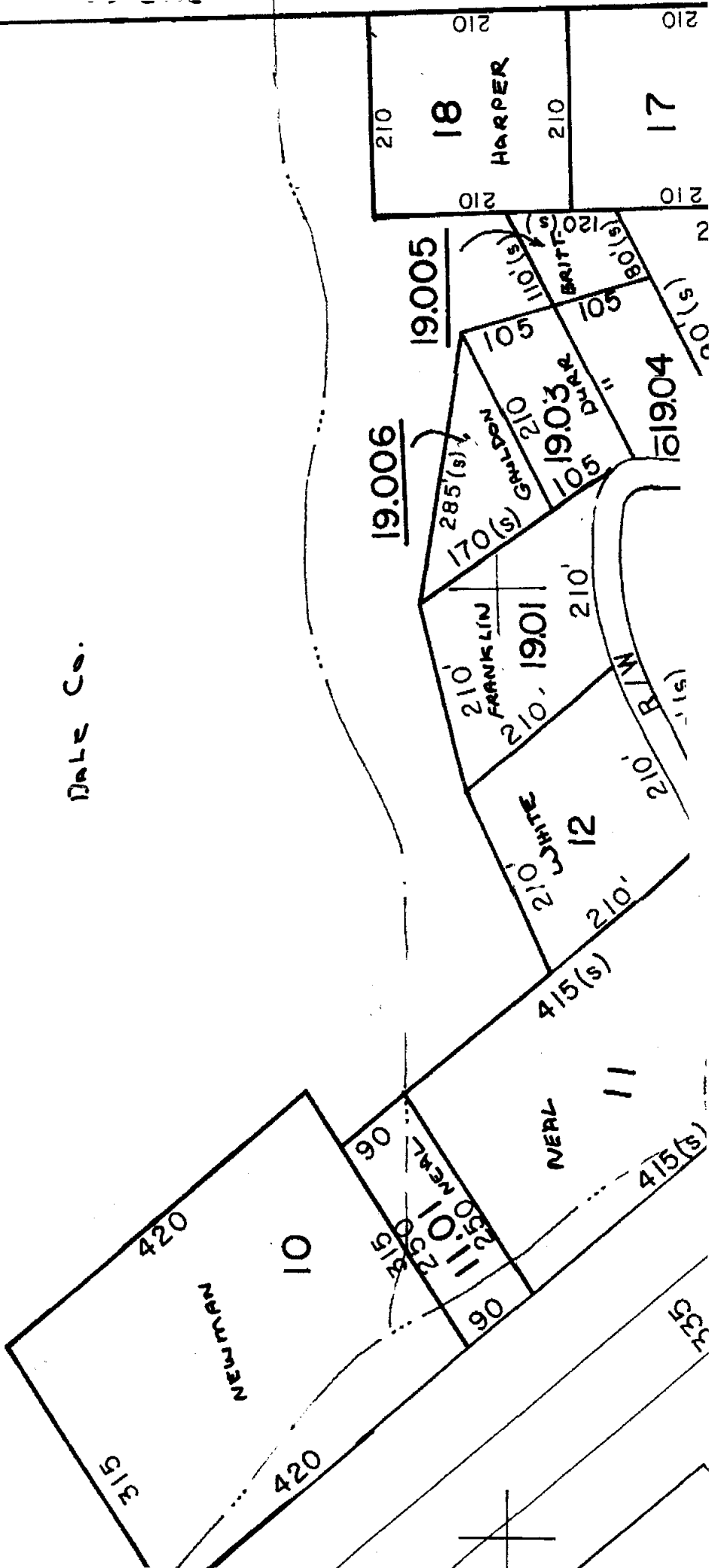
APTS: 0.00

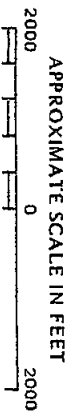
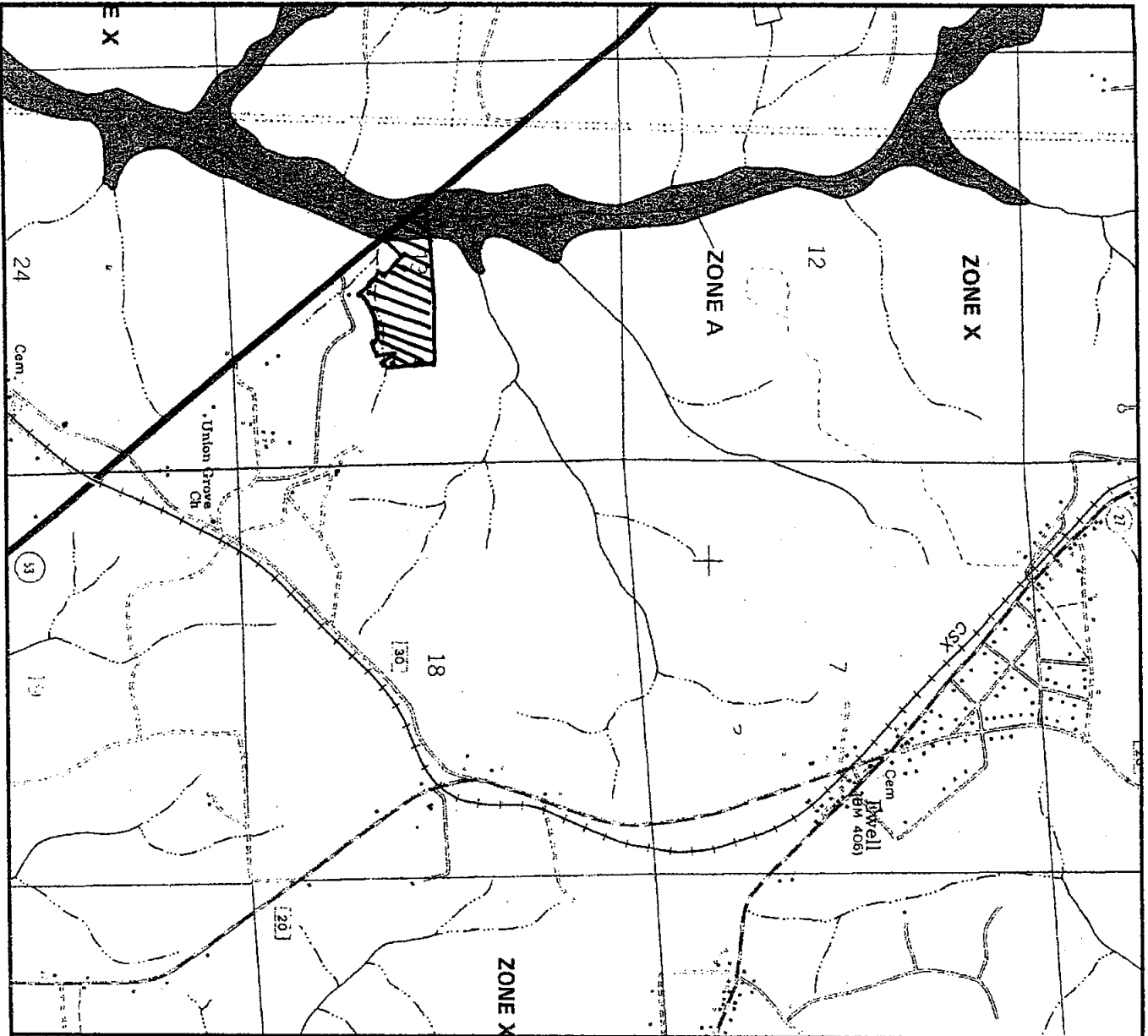
6.012

WALLACE

DALE CO.

DALE CO.



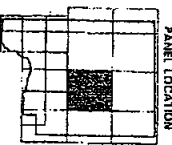


NATIONAL FLOOD INSURANCE PROGRAM

FIRM
 FLOOD INSURANCE RATE MAP

DALE COUNTY,
 ALABAMA
 (UNINCORPORATED AREAS)

PANEL 175 OF 330
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

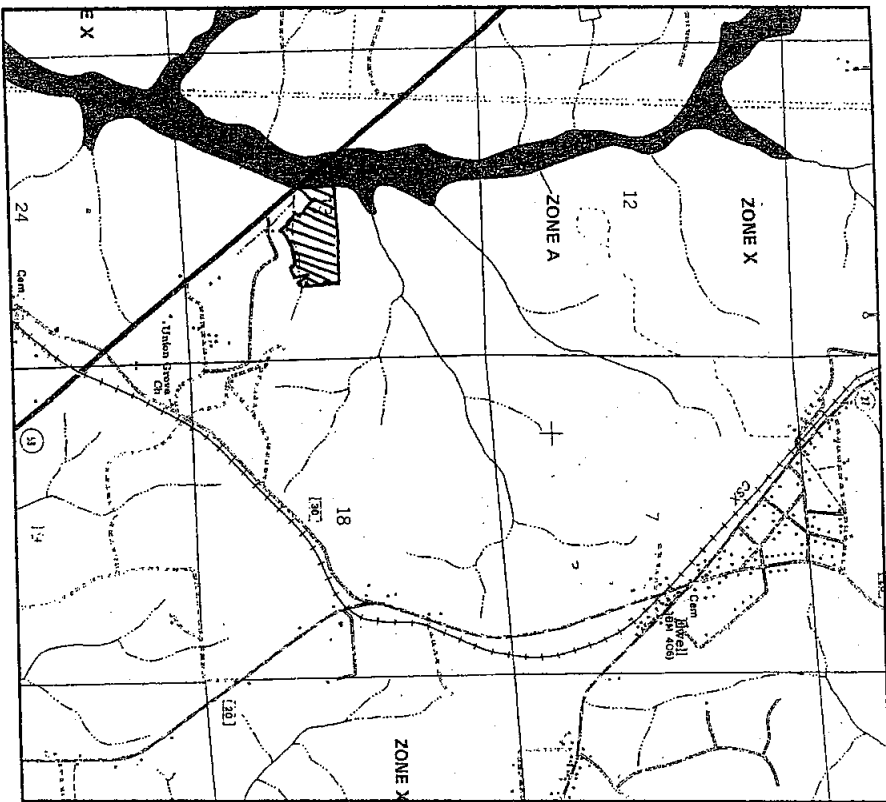


COMMUNITY-PANEL NUMBER
 010060 0175 B
 EFFECTIVE DATE:
 JULY 4, 1989



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-111T Or-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.mso.fema.gov



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A**
No base flood elevations determined. Base flood elevations determined.
- ZONE AE**
Flood depths of 1 to 3 feet (usually areas of ponds); base flood elevations determined.
- ZONE AH**
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of small fan flooding, velocities also determined.
- ZONE A0**
To be protected from 100-year flood by Federal flood protection system, where construction; no base elevations determined.
- ZONE AV**
Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE**
Coastal flood with velocity hazard (wave action); base flood elevations determined.
- FLOODWAY AREAS IN ZONE AE**

- OTHER FLOOD AREAS**
- ZONE X**
Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.
- ZONE D**
Areas determined to be outside 500-year flood plain. Areas in which flood hazards are undetermined.

- Flood Boundary**
- Zone D Boundary**
- Boundary Dividing Special Flood Hazard Zones, and Boundary Between Flood Hazard Zones Within Special Flood Hazard Zones.**
- Base Flood Elevation Line: Elevation in Feet**
- Cross Section Line**
- Base Flood Elevation in Feet Where Uniform Within Zone***
- Elevation Reference Mark**
- *MILS**
- River Mile**

513 (TEL 987) RM7X

*Referenced to the National Geodetic Vertical Datum of 1929

NOTES

This map is for use in administering the National Flood Insurance Program. It is not to be used to identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. Certain areas not in the Special Flood Hazard Areas may be protected by flood control structures. Boundaries of the floodways were computed at cross sections and hydraulic considerations with regard to requirements of the Federal Emergency Management Agency. Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 1/200 scale.

APPROXIMATE SCALE IN FEET
2000 0 2000



Refer to Floodway Data Table where floodway width is shown at 1/200 inch. Coastal base flood elevations apply only landward of the shoreline. Elevation reference marks are described in the Flood Insurance Study Report. Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map. For adjoining panels, see separately printed Map Index. MAP REPOSITORY: County Courthouse, Ozark, Arkansas (Maps available for reference only, not for distribution.)

INITIAL IDENTIFICATION:
OCTOBER 18, 1974
FLOOD HAZARD BOUNDARY MAP REVISIONS:
SEPTEMBER 5, 1977
FLOOD INSURANCE RATE MAP EFFECTIVE:
JULY 4, 1988
FLOOD INSURANCE RATE MAP REVISIONS:

APPROXIMATE SCALE IN FEET
2000 0 2000



NATIONAL FLOOD INSURANCE PROGRAM

This is an official copy of a portion of the above referenced flood map. It was extracted using E-MAP On-Line. The map does not reflect changes to the flood map. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at www.fema.gov



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

May 19, 2005

Mr. Larry E. Goldman
U.S. FISH AND WILDLIFE SERVICE
1208-B Main Street
Daphne, Al 36526

**RE: PROPOSED DALE COUNTY MODIFICATION
C&D LANDFILL
DALE COUNTY, ALABAMA**

Dear Mr. Goldman:

The Dale County Commission is proposing to modify their existing solid waste disposal permit to add an additional 22.33± acres to the facility's footprint. The proposed additional property is located in Dale County south of the existing landfill property in the Section 13, Township 5 North, Range 24 East. The site comprises approximately 22.33± acres.

ECE, Inc. has been retained by the Dale County Commission to provide permitting services and submit an application for a solid waste disposal facility permit modification. We are currently pursuing this action through the Alabama Department of Environmental Management (ADEM).

On behalf of the Dale County Commission we respectfully request your comments on this project. I have enclosed a portion of the USGS 7.5 Minute Series Topographical Map Ewell Quadrangle showing the location of the facility, and a highway map.

Should you have any questions or need additional information, please contact me at (334) 271-2827.

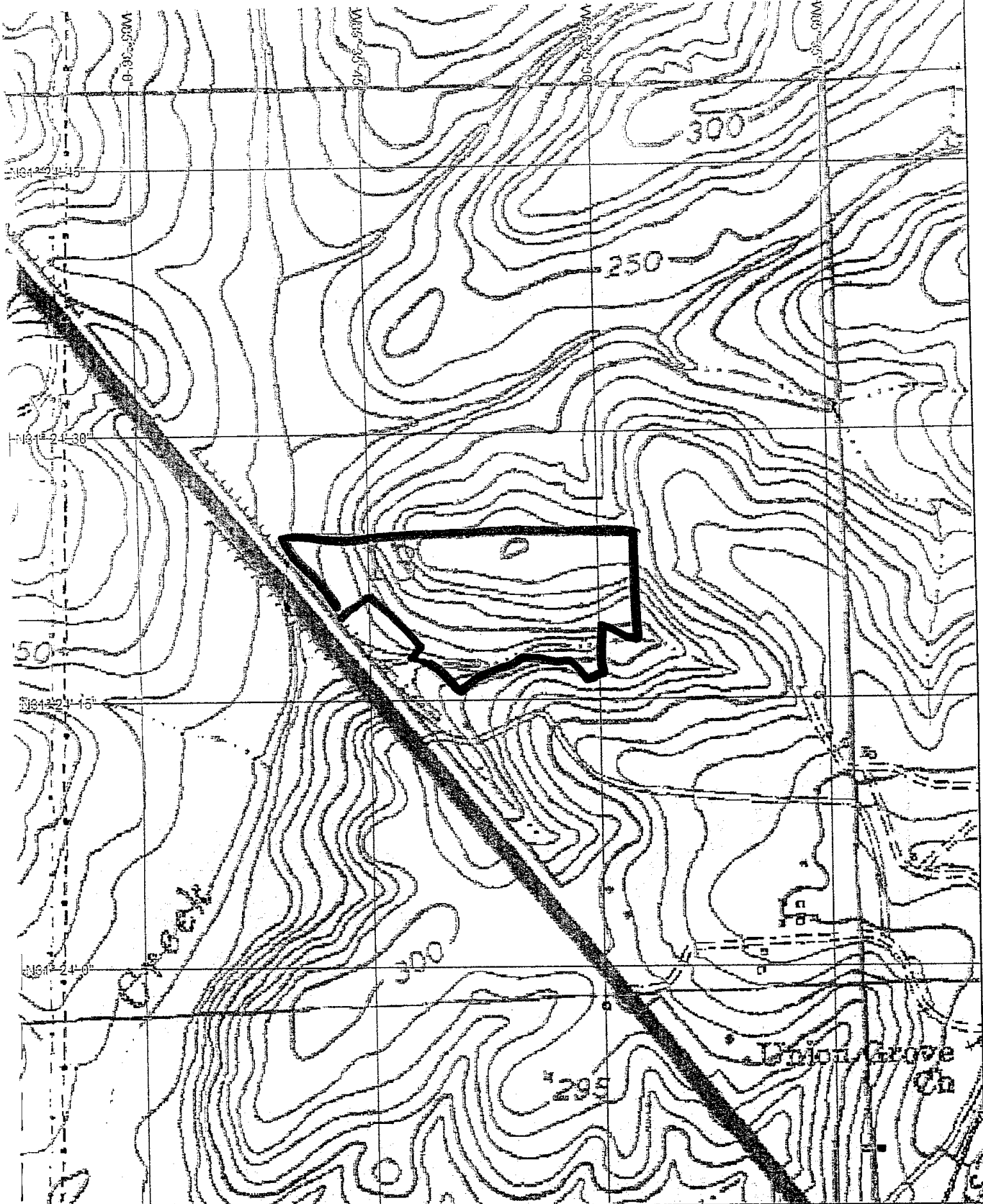
Sincerely,

Environmental Consulting and Engineering, Inc.

A handwritten signature in black ink, appearing to read 'Cole Burdett', written in a cursive style.

Cole Burdett

file: Dale County Mod



Dale County



Ozark AL
US

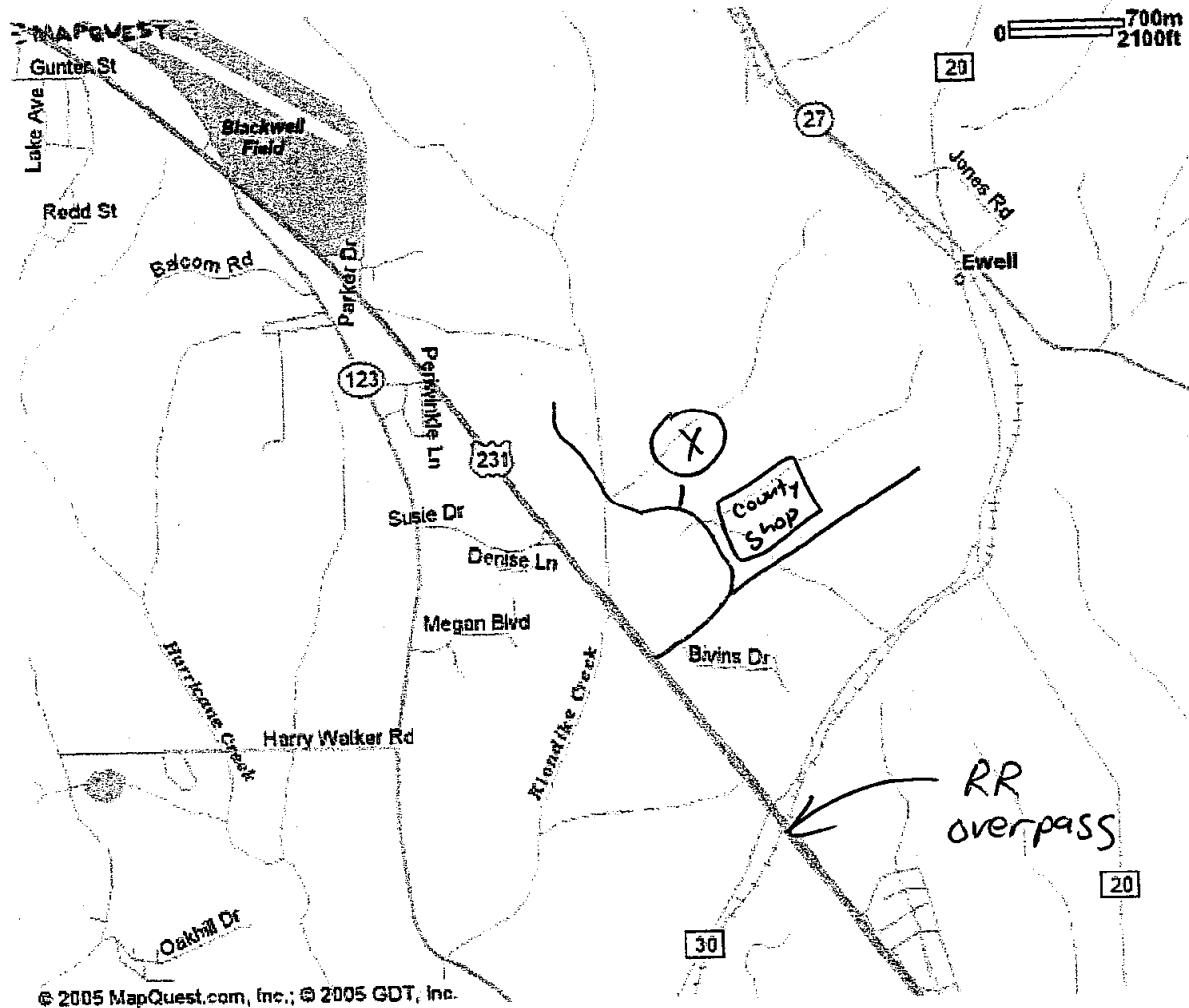
Notes:

Best Western

FREE \$50 Travel Card!



Stay 5 nights at Best Western and receive The Fairly OddParents \$50 Travel Card starting June 6. [MORE](#)



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United States Department of the Interior

FISH AND WILDLIFE SERVICE
1208-B Main Street
Daphne, Alabama 36526

IN REPLY REFER TO:

05-0827

May 26, 2005

Mr. Cole Burdett
Environmental Consulting and Engineering, Inc.
101 Market Place
Montgomery, Alabama 36117

Dear Mr. Burdett:

Thank you for your letter of May 19, 2005, requesting comments on the proposed 22-acre addition to the Dale County construction and demolition landfill near Ozark in the Choctawhatchee River Basin, Dale County, Alabama. We have reviewed the information and are providing the following comments in accordance with the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. et seq.) and the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Wetlands

Upon review of the National Wetland Inventory (NWI) maps, it appears that there are wetlands in the project area. The U.S. Army Corps of Engineers (USACE) recommends that developers contact them if any amount of fill material may be placed in a water of the U.S., including any wetland. This includes mechanical land clearing and temporary stream rerouting or diversion. This also includes temporary or permanent basins constructed in intermittent or perennial streams for erosion control or storm water management purposes. If the project involves a discharge of fill material into water of the U.S., the developer will be required to apply for a Department of the Army permit. For very small impacts, the project could possibly be authorized under one of the USACE's Nationwide Permits or Regional Permits (with verification by the USACE). However, projects impacting more than 0.5 acres of wetlands or 300 feet of stream will likely require an Individual Department of the Army Permit. The USACE will work with the developer to assess and minimize the impacts and determine possible mitigation requirements to compensate for wetland or other losses and protect water quality and fish and wildlife.

Federally Listed Species

Our records indicate that no endangered, threatened, or candidate species, or critical habitat occur in the project area. Therefore, no further endangered species consultation will be required for the project unless: 1) the identified action is subsequently modified in a manner that causes

www.fws.gov

PHONE: 251-441-5181

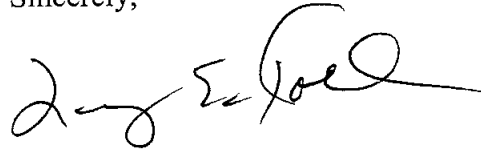


FAX: 251-441-6222

an effect on a listed species or on proposed or designated critical habitat; 2) new information reveals the identified action may affect Federally protected species or designated critical habitat in a manner or to an extent not previously considered; or 3) a new species is listed or a critical habitat is designated under the Endangered Species Act that may be affected by the identified action.

If you have any questions or need additional information, please contact Mr. Scott Floyd at (251) 441-5836. Please refer to the reference number located at the top of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry E. Goldman". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Larry E. Goldman
Field Supervisor

Southeast Environmental Compliance, Inc.

4840 Forest Drive #318, Columbia, SC 29206
Phone (803) 787-1212, email: mjdoran@bellsouth.net

November 23, 2005

Mr. Cole Burdett
Environmental Consulting & Engineering, Inc.
101 Market Place
Montgomery, Alabama 36117

Subject: Piezometer Installation Report
Permit Modification: Dale County C&D Landfill,
Permit No. 23-04

Dear Mr. Burdett:

The following is a description of the site geology/hydrogeology, which has been characterized by others in permit application documents previously submitted to the Alabama Department of Environmental Management. A discussion of the piezometer groundwater elevation data and soil properties follow.

The site geology was described by others in the original permit plan for modification of the Dale County Landfill to accept Construction/Demolition Waste, prepared by Environmental-Materials Consultants, Inc. The following discussion is excerpted from the referenced document.

The Dale County Landfill is regionally located in the Southern Red Hills Physiographic District of the East Gulf Coastal Plain Physiographic Province. The Southern Red Hills district is characterized by a relatively hilly terrain that is dissected by streams which generally flow southward. Surface drainage in the area is accomplished through Klondike Creek and several of its unnamed tributaries.

Surface geology is represented by Eocene age sediments of the Tallahatta and Hatchetigbee Formations. The Tallahatta and Hatchetigbee Formations are discontinuous sands, silty clays, and clays. Newton, 1968, groups the Tallahatta and Hatchetigbee Formations for mapping purposes and does not differentiate because of similar lithologies.

Regionally, the Tallahatta and Hatchetigbee Formations are overlain by the Lisbon Formation and they overlay the Tuscaloosa Sand of Paleocene age. The Tallahatta and Lisbon Formations comprise the Claiborne Group; the Hatchetigbee Formation and the Tuscaloosa Sand are two members of the Wilcox Group. Scott and Cobb, 1988, group the Tallahatta and Lisbon as a mapping unit, and the Hatchetigbee and Tuscaloosa Sand as a mapping unit based on similar lithologic composition. Regional dip is to the south-southwest at 20 to 40 feet/mile.

Site specific geology was determined from five borings drilled at different elevations to produce approximately 100 feet of vertical section. Locations of borings were restricted to areas accessible by truck-mounted drill rigs. Access was created by bulldozing old logging roads that still exist, in part, on the landfill site. Boring logs indicate the site consists of upward and downward fining sequences of discontinuous sands and clays of the lower section of the Tallahatta Formation and the upper section of the Hatchetigbee Formation.

Thickness of the Tallahatta Formation on site is approximately 20-30 feet, as determined by soil borings. Thickness of the Hatchetigbee is unknown, as borings terminated in what is believed to be a gray carbonaceous clay of the upper part of the Hatchetigbee. The estimated thickness of the Hatchetigbee in the area is approximately 40 feet according to Scott et al, 1988. A site map, boring logs, and cross sections constructed from the logs are included.

The overview of the site hydrogeology was described by others in the document titled: *A Plan for the Modification of the Dale County Landfill Permit to accept Construction/Demolition Waste*. The following excerpt was taken from Page 6. *The regional hydrogeology is defined by aquifer systems formed by groups of formations having similar water bearing characteristics. These systems are described by Scott et al, 1988, and consist of the Lisbon aquifer, the Nanafalia - Clayton aquifer, and the Providence-Ripley aquifer. The Lisbon aquifer is composed of the Lisbon, Tallahatta, and Hatchetigbee Formations. The Nanafalia-Clayton aquifer is composed of the Tuscaloosa Sand and the Nanafalia and Clayton Formations. The Providence-Ripley aquifer is composed of the Providence Sand and the Ripley Formation. The Lisbon aquifer is separated from the Nanafalia-Clayton aquifer by the Tuscaloosa confining unit in the upper part of the Tuscaloosa Sand. Recharge to these aquifers is through their outcrop area, and the outcrop area also acts as a zone susceptible to contamination. Recharge is generated primarily by rainfall, and a large part of the recharge discharges through seeps and springs to provide the base flow of streams.*

Groundwater flow is radial from uplands, flowing towards the creeks and streams on the site. Depth to groundwater decreases as proximity to creeks and streams increases, and therefore, landfilling can not occur in the vicinity of surface waters due to shallow groundwater. A light to dark carbonaceous clay was encountered in 4 of the 5 preliminary borings. Because all of these borings terminated within this clay, the exact thickness is unknown, however the clay is at least 15 feet in thickness. We believe that this clay is the top of the Hatchetigbee, and may act as a lower confining layer for the shallow surface aquifer if it is continuous throughout the site.

Mr. Burdett
November 23, 2005
Page 3

Piezometer Installation - Groundwater Elevation and Design Criteria

On November 3, 2005 two piezometer/borings were drilled along a transect located approximately in the center of the area delimited within the permit modification. A site map which depicts the location of the two piezometers is attached. The purpose of the borings and piezometer installations was to determine the depth to groundwater below the ground surface, and to establish the geology relative to the previous geologic investigations. Geologist Boring Logs are attached. Boring number PZ-1 was drilled to a depth of 22.5 feet below land surface and terminated in the dark carbonaceous clay considered to be the top of the Hatchetigbee, which acts as a confining layer for the shallow uppermost aquifer at the site. Groundwater usually accumulates above this clay layer at the site. A very moist zone was encountered at this depth, however no groundwater accumulated in the piezometer after a two week stabilization period. Boring number PZ-2 was drilled to a depth of 27.5 feet below land surface. The boring was terminated when groundwater was encountered in a moderate yellowish brown fine to medium grained sand with some clay.

Based on groundwater elevation data collected at these locations the highest groundwater elevation encountered in the area of the proposed trench is 244.86 feet MSL. Although the clay confining unit was encountered at the bottom of boring number PZ-1, no significant accumulation of groundwater was encountered at that location. Based upon these data, using a conservative design criteria of 10 feet above the water table for the maximum trench depth, an elevation of 255 feet is the maximum excavation depth for the trench described within this permit modification application.

SEEC, Inc. appreciates being able to be of service to Environmental Consulting & Engineering, Inc. and Dale County. If you have any questions concerning this invoice or if I may be of further assistance to you, please do not hesitate to call.

Sincerely,



Mike Doran, Project Geologist



Don A. McKee, P.G., Senior Geologist

Attachments: Site map with boring locations
Geologist Logs PZ-1 and PZ-2

SEEC, INC.

GEOLOGIST LOG

**BORING/
PZ NO. PZ-2**

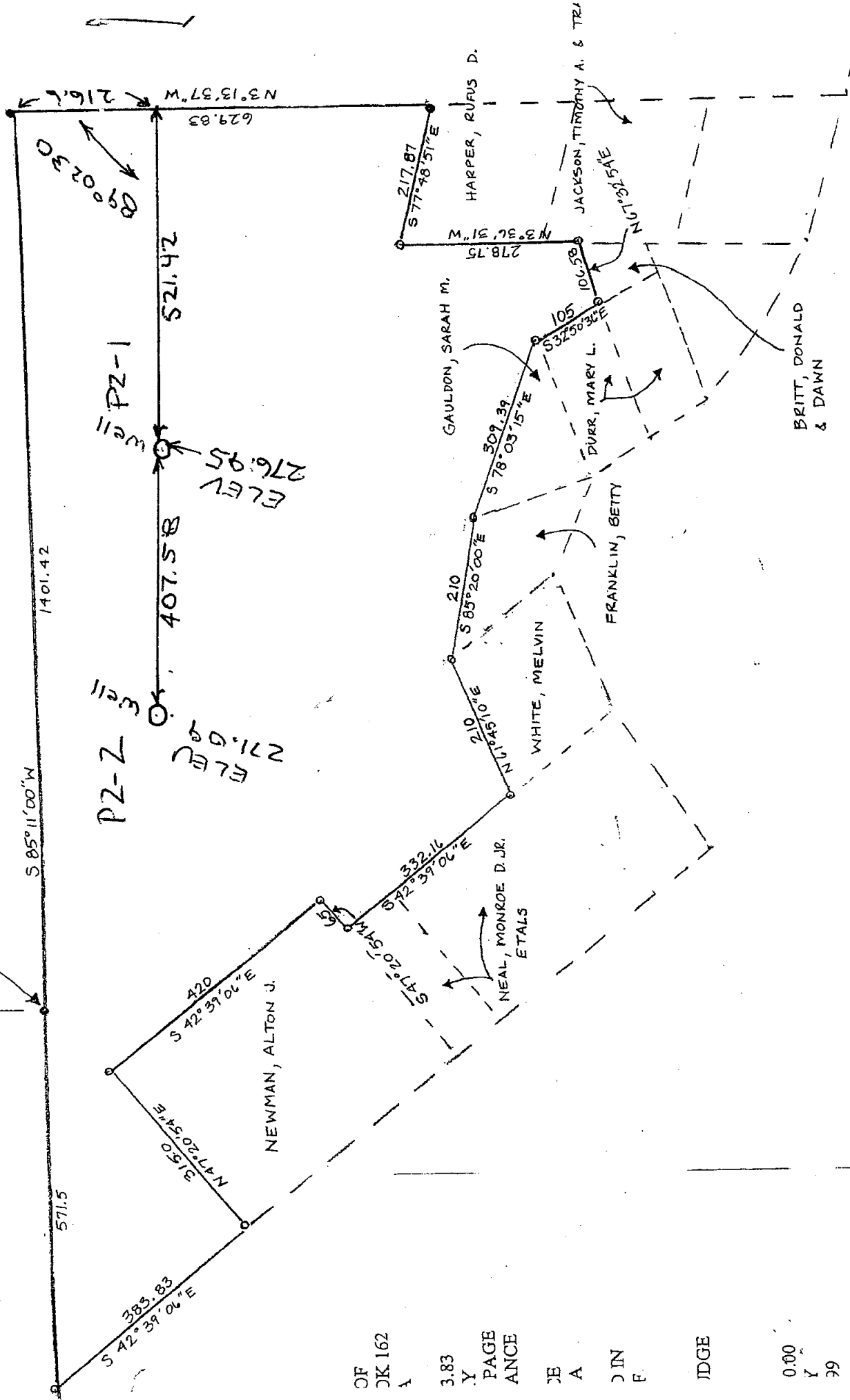
PROJECT NAME:	DALE COUNTY C&D LANDFILL	CLIENT NAME:	DALE COUNTY LANDFILL
LOCATION:	OZARK ALABAMA	INITIAL GW ELEVATION:	26.0 Ft. BLS
DRILLER:	SMITH DRILLING COMPANY	FINAL GW ELEVATION:	26.23
DRILL RIG MODEL:	DIEDRICH D-50	TOTAL DEPTH:	27.6 Ft. BLS
DATE STARTED:	11/3/05	FIELD OVERSIGHT:	MIKE DORAN
DATE COMPLETED:	11/3/05	GEOLOGIST:	DON A. MCKEE

DEPTH (ft)	SAMPLE DEPTH	OVA (ppm)	GRAPHIC LOG	WELL CONSTRUCTION	SOIL CLASSIFICATION	PREDOMINANT LITHOLOGY	DENSITY	MOISTURE	MUNSELL COLOR	GRAINSIZE	ANGULARITY MINEROLOGY STRUCTURES	PERMEABILITY	OBSERVATIONS: COVER, ODOR TYPE, INTENSITY, ETC.
0.5					SC	LIGHT BROWN MEDIUM TO FINE SAND WITH CLAY	LOOSE	SL. MOIST	5YR 5/6	FINE-MED	QUARTZ	L-M	Approximately 12 ft. of overburden removed.
2.5					SC	PALE YELLOWISH BROWN, SAND WITH CLAY	MEDIUM	SL. MOIST	10YR 6/2	FINE-MED	QUARTZ	L-M	BLOW COUNTS 9-10-11-4
5.0					CL	PALE YELLOWISH BROWN, CLAY WITH SAND	MEDIUM	SL. MOIST	10YR 6/2	FINE-MED	QUARTZ	LOW	
7.5					CL	PALE YELLOWISH BROWN, CLAY WITH SAND MOTTLED WITH LIGHT BROWN	MEDIUM	MOIST	10YR 6/6 5YR 5/6	FINE-MED	5-15 % CLAY	LOW	BLOW COUNTS 6-7-9-11
10.0					CL	PALE YELLOWISH BROWN, CLAY WITH FEW SAND	MEDIUM	MOIST	10YR 4/2	FINE-MED		LOW	BLOW COUNTS 5-7-8-11
12.5					SC	DK. YELLOWISH ORANGE TO MOD. YELLOWISH BROWN, VERY CLAYEY SAND	MEDIUM	MOIST	10YR 6/2	FINE-MED		LOW	50 % RECOVERY BLOW COUNTS 8-8-9-11
15.0					SC								
17.5					SC								
20.0					SC	MODERATE YELLOWISH BROWN CLAYEY SAND	LOOSE	V. MOIST	10YR 5/4	FINE-MED		MOD.	50 % RECOVERY BLOW COUNTS 4-5-9-10
22.5					SC								
25.0					SC		LOOSE	WET	10YR 5/4	FINE-MED		HIGH	100 % RECOVERY BLOW COUNTS 4-6-9-11
27.5						PZ CONSTRUCTION: RISER 2.13 FT ABOVE LAND SURFACE. SCREEN 27.6-17.6 FT BLS SAND 28 - 15.6 FT BLS BENTONITE 15.6 - 13.6 FT BLS							

ACCEPTED NORTHEAST CORNER OF
THE NE 1/4 OF THE SW 1/4 OF SEC. 13
TOWNSHIP 5 NORTH, RANGE 24 EAST
DALE COUNTY, ALABAMA

DALE COUNTY COMMISSION

WALLACE, TERRY D. & WIFE
NINA V.





ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

May 19, 2005

Mr. Greg Rhinehart
Executive Director
ALABAMA HISTORICAL COMMISSION
468 South Perry St.
Montgomery, Al 36130-0900

**RE: PROPOSED DALE COUNTY MODIFICATION
C&D LANDFILL
DALE COUNTY, ALABAMA**

Dear Mr. Rhinehart:

The Dale County Commission is proposing to modify their existing solid waste disposal permit to add an additional 22.33± acres to the facility's footprint. The proposed additional property is located in Dale County south of the existing landfill property in the Section 13, Township 5 North, Range 24 East. The site comprises approximately 22.33± acres.

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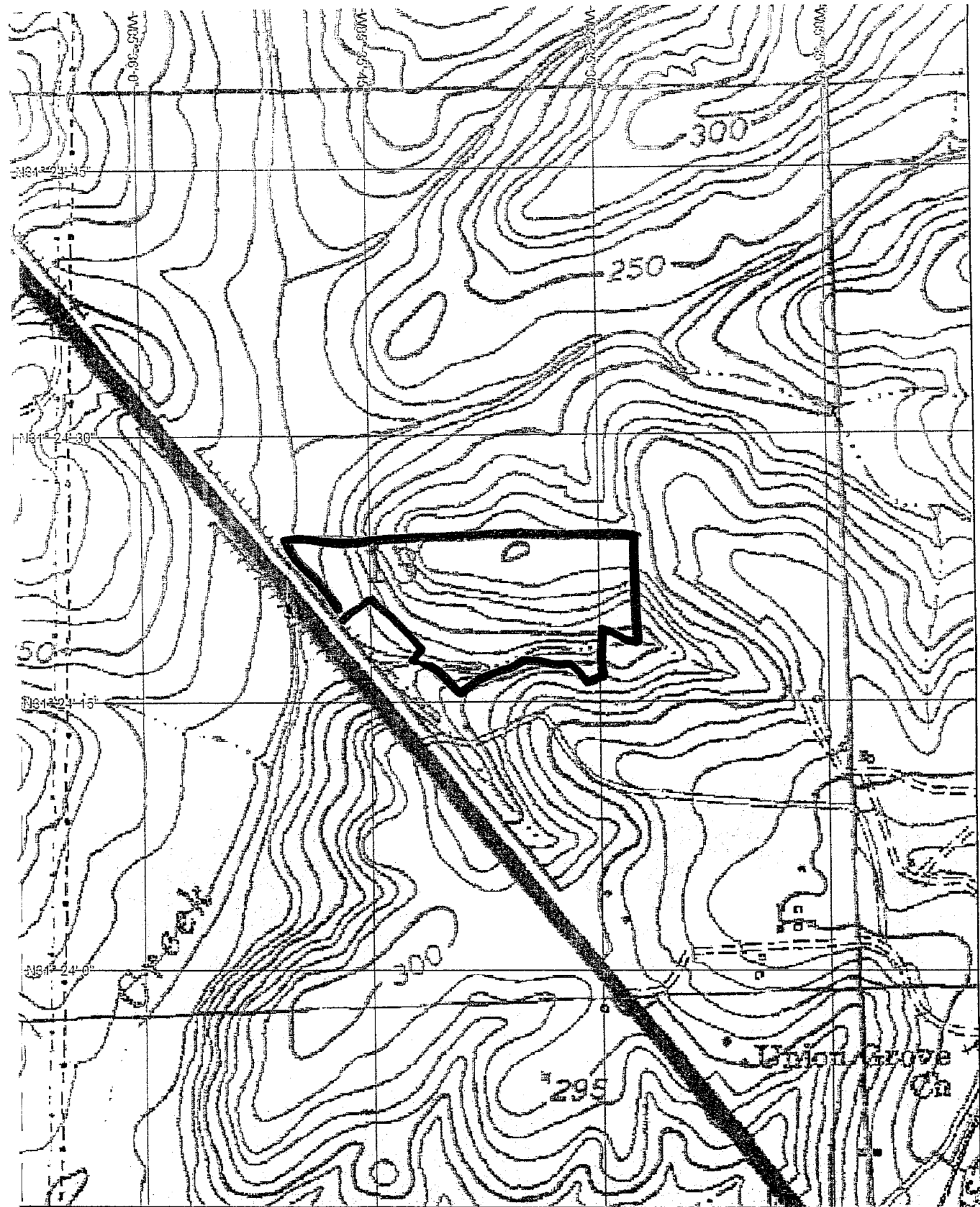
Should you have any questions or need additional information, please contact me at (334) 271-2827.

Sincerely,

Environmental Consulting and Engineering, Inc.

Cole Burdett

file: Dale County Mod



DALE County



Ozark AL
US

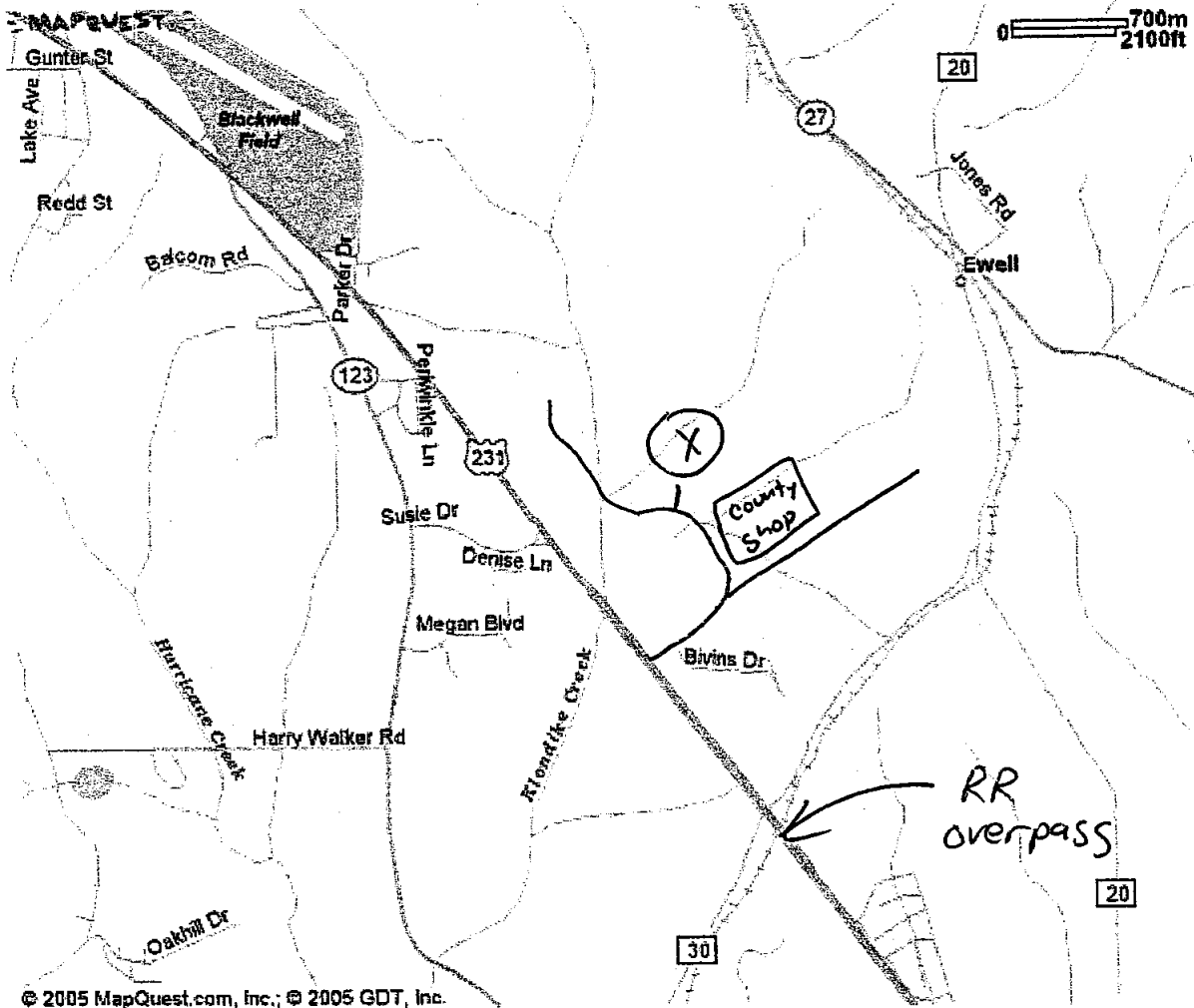
Notes:

Best Western

FREE \$50 Travel Card!



Stay 5 nights at Best Western and receive The Fairy OddParents \$50 Travel Card starting June 6. [MORE](#)



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June 24, 2005

Cole Burdett
ECE, Inc.
101 Market Place
Montgomery, Alabama 36117

Re: AHC 2005-0857
C&D Landfill Expansion
Dale County

LEE H. WARNER
Executive Director

468 South Perry Street
Montgomery, Alabama
36130-0900

tel 334 242•3184
fax 334 240•3477

Dear Mr. Burdett:

Alabama Historical Commission records indicate that there are two known archaeological sites in the vicinity of your project area. This indicates that your project area must be considered archaeologically sensitive. Our office recommends a cultural resource assessment by a professional archaeologist. The cultural resource assessment should include survey forms and photographs of all structures 50 years of age or older that are either on or adjacent to the property. The above requested photographs should be keyed to the project map. Finally, said cultural resource assessment should be submitted to our office for review and approval prior to the initiation of any ground disturbing activity.

We appreciate your efforts to help us in preserving Alabama's non-renewable cultural resources. If you have questions or comments or if we may be of additional service, please contact Lindsay Breithaupt or Amanda McBride of our office and include the AHC project number referenced above.

Very truly yours,



Elizabeth Ann Brown
Deputy State Historic Preservation Officer

EAB/LDB/ALM/sgb

MRS Consultants, LLC.

Cultural Resource Assessments · Section 106 Compliance · Archaeology · Historical Research

July 13, 2005

Cole Burdett
Environmental Consulting & Engineering, Inc.
101 Market Place
Montgomery, Alabama 36117

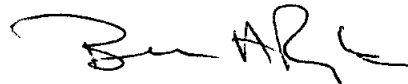
Re: Proposed Landfill Expansion, Dale County
MRS Project: 2005-57

Dear Cole:

Please find enclosed the Dale County Landfill Expansion report. I have provided one copy of the report and have sent two copies of the report to the Alabama Historical Commission. Also enclosed is a bill for our services.

Should you have any questions, please do not hesitate to contact us. We appreciate this opportunity to work with you and look forward to future endeavors with Environmental Consulting & Engineering, Inc.

Sincerely,



Beth A. Ryba
MRS Consultants, LLC.

Enclosure

MRS Consultants, LLC.

Cultural Resource Assessments · Section 106 Compliance · Archaeology · Historical Research

July 13, 2005

Stacye Hathorn
Alabama Historical Commission
468 South Perry Street
Montgomery, Alabama 36130

Re: ECE, Inc. Landfill Expansion Site
MRS Project: 2005-57

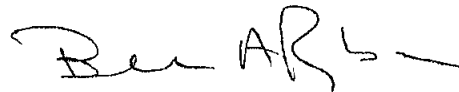
Dear Ms. Hathorn:

Please find enclosed two copies of the report for the above referenced project, entitled "*A Phase I Cultural Resources of a Proposed Landfill Expansion near Ozark, Dale County, Alabama*" by Beth A. Ryba. MRS Consultants, LLC. requests a Section 106 review of the project within 30 days for our client. Please forward your comments to:

Cole Burdett
Environmental Consulting & Engineering, Inc.
101 Market Place
Montgomery, Alabama 36117

Should you have any questions, please do not hesitate to contact me at (205) 556-6456 or by e-mail at earyba@earthlink.net.

Sincerely,



Beth A. Ryba
MRS Consultants, LLC.

Enclosure

**A Phase I Cultural Resources Assessment
of a Proposed Landfill Expansion
near Ozark, Dale County, Alabama**



Beth A. Ryba
Archaeologist
Principal Investigator

PERFORMED FOR:
Environmental Consulting & Engineering, Inc.
101 Market Place
Montgomery, Alabama 36117

PERFORMED BY:
MRS Consultants, LLC.
P.O. Box 3146
Tuscaloosa, Alabama 35403

July 12, 2005

A Phase I Cultural Resources Assessment of a Proposed Landfill Expansion near Ozark, Dale County, Alabama

Beth A. Ryba

INTRODUCTION

MRS Consultants, LLC. was contracted by Environmental Consulting & Engineering, Inc. to perform a Phase I cultural resources assessment for a proposed landfill expansion near Ozark, Alabama (Figure 1). A pedestrian reconnaissance survey was conducted of the 22 acre tract to determine the existence of archaeological sites, cemeteries, and historic structures. Jeffery M. Meyer and Andrew Geotz conducted the field survey on July 6, 2005. Beth A. Ryba, MRS Archaeologist, serves as the Principal Investigator for the project.

The proposed landfill expansion site is located in central Dale County and is approximately three miles to the south of Ozark. The 22 acre tract is located just east of U. S. Highway 231 and is bounded to the north by an existing landfill. The project area can be found in Section 13, T5N, R24E on the USGS 7.5' Ewell, Alabama quadrangle (Figure 1). The subject property encompasses the southern and western slope of a small, east-west trending ridge spur that has been used as a borrow pit in the past. As such, 10 ft to 20 ft of the upper soils have been removed from approximately 65 percent of the survey area and the remainder consists of sloping terrain or low-lying wetland. Ground conditions range from extensive open and eroded areas, sparse grasses, stands of hardwoods and immature pines, and dense secondary growth. The survey area is within Southern Red Hills district of the East Gulf Coastal Plain district of the Alabama Valley and Ridge physiographic section of Alabama (Sapp and Emplaincourt 1975). Elevations range from 220 ft to 300 ft AMSL.

BACKGROUND RESEARCH

Background research was conducted prior to the survey to identify any known cultural resources, especially archaeological sites. This research also served to identify the potential for such resources. Several sources were referenced during the research, including the Alabama Online Cultural Resource Database (AOCR), the Alabama Phase I Surveys, the National Register of Historic Places (NRHP), the National Historic Landmarks (NHL), the Alabama Register of Landmarks and Heritage (ARLH), the architectural files at the Alabama Historical Commission, and historic maps at the University of Alabama's W.S. Hoole Special Collections Library.

Review Findings:

Alabama Online Cultural Resource Database: Six sites are recorded within a one mile radius of the survey area. Sites 1Da21, 1Da22, and 1Da27 were recorded by David Chase of Montgomery in 1980. Sites 1Da271 and 1Da275 were recorded in 1992 by

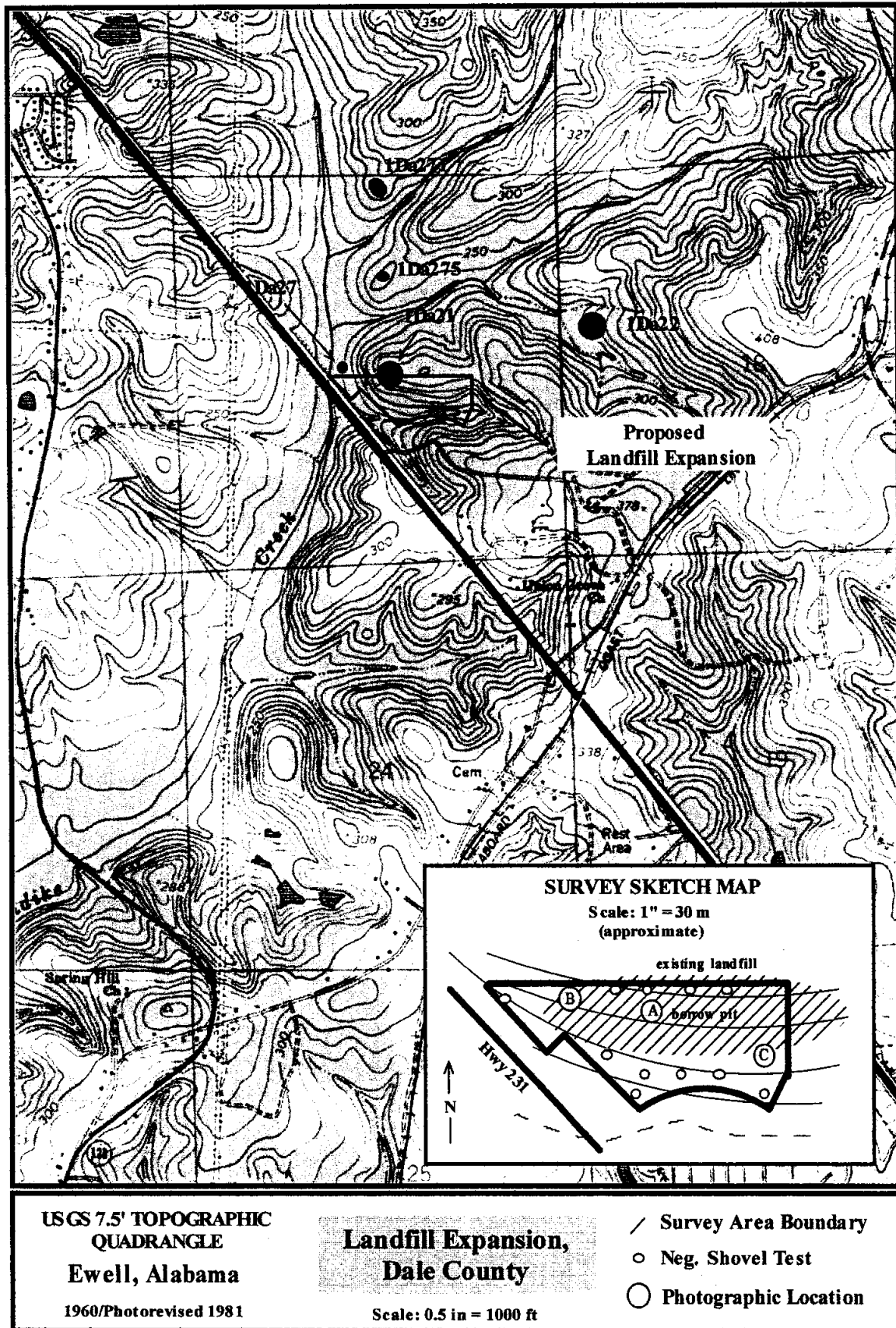


Figure 1. USGS 7.5' Ewell, AL Map Showing the Location of the Proposed Landfill Expansion Site.

John Cottier and John Harmon, Auburn. According to the ASSF, the sites consist of light to moderate scatters of non-diagnostic lithic materials and an occasional pottery sherd. All of the sites have been subject to extensive subsurface disturbances and severe erosion. Of the six sites, 1Da21 and 1Da27 are shown to be located immediately adjacent to, or are partially within, the current survey. None of the abovementioned are considered to be eligible for the NRHP.

Alabama Phase I Surveys: The on-line GIS module was referenced and one survey has been conducted within a one mile radius of the project area. The survey was conducted by John Cottier and Jonathan Harmon, Auburn, and included property immediately adjacent to the current survey. During the course of the 1992 survey, two sites, 1Da271 and 1Da275, were recorded and are briefly described. There are no references on file regarding any survey that likely was conducted by David Chase in the area and resulted in the recording of sites 1Da21, 1Da22, and 1Da27.

National Register of Historic Places: Three NRHP properties are located within the city of Ozark, however, none of these properties are located in or near the survey area.

National Historic Landmarks: No landmarks are listed in the vicinity of the survey area.

Alabama Register of Landmarks and Heritage: Several ARLH properties are listed for Ozark and the surrounding vicinity, however, none of these properties are located in or near the survey area.

Historic Maps: The 1910 Dale County soil map shows no structures in the vicinity of the survey area.

FIELD METHODS

The field survey conducted for the 22 acre tract implemented standard archaeological survey techniques. A pedestrian reconnaissance using visual inspection of any exposed ground surfaces was conducted. This method was supplemented by shovel tests, measuring 30 cm in diameter, and excavated to subsoil. Soils were then screened through a 6 mm mesh screen. For each shovel test, the soil types and stratigraphic profile were recorded. Approximately 60 percent of the survey area is within an existing borrow pit and the remainder is characterized as either moderately sloping or as a low-lying wetland. A total of 11 shovel tests was excavated during the field study.

In regard to prehistoric occupation, the survey area is considered to have a low probability for the occurrence of archaeological sites. Although two aboriginal sites (1Da21 and 1Da27) are recorded as being adjacent to, or partially within, the survey area, the majority of the property has been significantly impacted by the removal of soils (10 - 20 ft) and there is no possibility that intact archaeological deposits exist. Prior to excavation/modification, the area would have been considered to have a moderate to high probability for the occurrence

of archaeological sites as it once was a gently sloping ridgespur in close proximity to the confluence of two streams.

In addition to the archaeological survey, the survey area and adjacent property was inspected for historic structures and cemeteries. The topographic quadrangle was reviewed and no cemeteries are shown in or in close proximity to the survey area. During the course of the survey, no historic structures were located within or adjacent to the proposed landfill expansion site.

RESEARCH FINDINGS

No archaeological sites were discovered during the investigation of the survey area. The majority of the property is significantly disturbed while the remainder of the survey area is either upland slope or is within a low-lying wetland area. Two isolated chert flakes were found within the existing borrow pit area. Following an intensive investigation, the lithic materials were determined to be remnants of site 1Da21 which has been destroyed by earth moving activities associated with soil removal and the existing land fill. Subsurface testing within the 22 acre tract revealed that little to no topsoil remains in the area and there is no potential that intact cultural deposits exist. No historic properties or cemeteries were found within the view-shed of the proposed landfill expansion. The following tabulation summarizes the environmental conditions observed and recorded during the archaeological survey. Photographs of the survey area are provided at the end of the report.

Archaeological Data:

Ground Cover/Setting: Existing borrow pit/mixed forest/sparse grass/secondary growth/slope (Figures 2-4))

Previous Impacts:- Soil removal/land clearing/landfill activities/erosion

Nearest Water Source: First order stream

Distance to Water: 0 m to 300 m

Probability of Archaeological Sites: Low

Degree of Surface Visibility: 80 %

Number of Shovel Tests: 11

Depth of Topsoil: 0 cm to 15 cm

Number of Archaeological Sites: None

Findings: The proposed landfill expansion site is located to the east of U. S. Highway 231 and is bounded to the north by an active landfill. The survey area is 22 acres in size

and encompasses the southern and western slopes of an east-west trending ridge spur. At the base of the slope, the terrain consists of low-lying wetland areas as an intermittent stream and Klondike Creek are located nearby. Approximately 65 percent of the survey area has been subject to earlier borrow pit activities and 10 ft to 20 ft of the upper soils has been removed. The now defunct borrow pit and other open and eroded areas provided excellent surface visibility throughout the majority of the property. The remainder of the tract is covered by sparse grasses, stands of immature mixed forest, and secondary growth that effectively obscured the ground surface. A visual inspection of the area revealed that, in addition to soil removal, portions of the property have been subject to activities associated with the adjacent landfill. During the investigation of exposed ground surfaces, two isolated chert flakes were recovered. The flakes are likely remnants of site 1Da21 that once occupied the level ridgespur but has since been destroyed by borrow pit and landfill activities.

Following a visual inspection of the area, eleven shovel tests were excavated at those locations that appeared to be relatively undisturbed. Those tests revealed 0 cm to 21 cm of a yellowish brown sandy loam that is underlain by an orange clayey sand subsoil. No cultural materials were recovered as a result of shovel testing and the two flakes that were recovered from the borrow pit area are considered to be isolated finds associated with site 1Da21 that has been destroyed by extensive earthmoving activities.

SUMMARY AND RECOMMENDATIONS

A cultural resources survey of a 22 acre tract was conducted in order to identify any archaeological sites or historic resources that may be affected by the proposed expansion of and existing landfill. As a result of the archaeological survey, two flakes were recovered during a visual inspection of an existing borrow pit that constitutes the majority of the project area. These are considered to be remnants of site 1Da21 which no longer exists due to impacts related to earthmoving activities associated with soil removal and the existing landfill. The property has been subject to significant subsurface disturbances and it is unlikely that intact cultural deposits exist. Finally, no historic structures or cemeteries are located in the surrounding area. Based on these findings, MRS Consultants, LLC. recommends that the proposed expansion of the existing landfill in Dale County be cleared in regards to cultural resources. No significant cultural resources will be affected.

All materials and documentation related to projects conducted by MRS Consultants, LLC. will be periodically curated at the Erskine Ramsay Archaeological Repository, which is maintained by The University of Alabama Museums, Office of Archaeological Services in Moundville, Alabama. This facility meets Department of Interior 36 CFR Part 79 guidelines.

REFERENCES CITED

Alabama Historical Commission

2003 *Alabama Register of Landmarks and Heritage.* Montgomery, AL.

Cartographic Research Laboratory, University of Alabama

2005 *The Historical Map Archives.* Electronic document,
<http://alabamamaps.ua.edu>.

Cottier, John W., and Jonathan F. Harmon

1992 *"An Archaeological Survey of the Proposed Expansion of the Dale County Sanitary Landfill"* Submitted to Polyengineering, Dothan, AL.

National Park Service

2005 *National Register Information System.* Electronic document,
<http://www.nr.nps.gov/nrlloc1.htm>.

2005 *National Historic Landmarks Program.* Electronic document,
<http://tps.cr.nps.gov/nhl/>.

Office of Archaeological Research, University of Alabama Museums

2005 *Alabama Online Cultural Resources Database.* Electronic document,
<http://appserver.oas.ua.edu/assf>.

2005 *Phase I Surveys.* Electronic document,
<http://geowebsvr1.oas.ua.edu/website/oar>.

Sapp, Daniel C., and Jacques Emplaincourt

1975 *Physiographic Regions of Alabama. Geological Survey of Alabama Map 168.* University of Alabama, Tuscaloosa.



Figure 2. View to the East of Defunct Borrow Pit that Constitutes the Majority of the Survey Area (See "A" on the Survey Sketch Map).



Figure 3. View to the West of Landfill "Cell" (Spoil Area) that Extends into the Current Survey Area (See "B" the Survey Sketch Map).



Figure 4. View to the East of Proposed Landfill Expansion Site (See "C" on the Survey Sketch Map).

August 17, 2005

Mr. Cole Burdett
Environmental Consulting & Engineering
101 Market Place
Montgomery, AL 36117

Re: AHC 05-1204
Cultural Resource Assessment
Landfill Expansion
Dale County, AL

468 South Perry Street
Montgomery, Alabama
36130-0900

tel 334 242•3184
fax 334 240•3477

Dear Mr. Burdett:

Upon review of the cultural resource assessment conducted by MRS Consultants, the Alabama Historical Commission has determined the following. The results of the assessment indicate that there are no archaeological resources or standing structures listed on or eligible for the National Register of Historic Places within the project boundaries. Therefore, our office can concur with the proposed project.

We appreciate your efforts in helping us preserve Alabama's non-renewable cultural resources. Should you have any questions or comments or if we may be of further service, please contact Amanda McBride of this office and **include the project number referenced above.**

Sincerely,



Elizabeth Ann Brown
Deputy State Historic Preservation Officer



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering · Land Surveying

May 19, 2005

Mr. Ronald Krizman, Chief
DEPARTMENT OF THE ARMY
MOBILE DISTRICT, CORPS OF ENGINEERS
P.O. Box 2288
Mobile, AL 36628-0001

**RE: PROPOSED DALE COUNTY MODIFICATION
C&D LANDFILL
DALE COUNTY, ALABAMA**

Dear Mr. Krizman:

The Dale County Commission is proposing to modify their existing solid waste disposal permit to add an additional 22.33± acres to the facility's footprint. The proposed additional property is located in Dale County south of the existing landfill property in the Section 13, Township 5 North, Range 24 East. The site comprises approximately 22.33± acres.

ECE, Inc. has been retained by the Dale County Commission to provide permitting services and submit an application for a solid waste disposal facility permit modification. We are currently pursuing this action through the Alabama Department of Environmental Management (ADEM).

On behalf of the Dale County Commission we respectfully request a jurisdictional determination from your office and your comments on this project. I have enclosed a portion of the USGS 7.5 Minute Series Topographical Map Ewell Quadrangle showing the location of the facility, and a highway map.

Should you have any questions or need additional information, please contact me at (334) 271-2827.

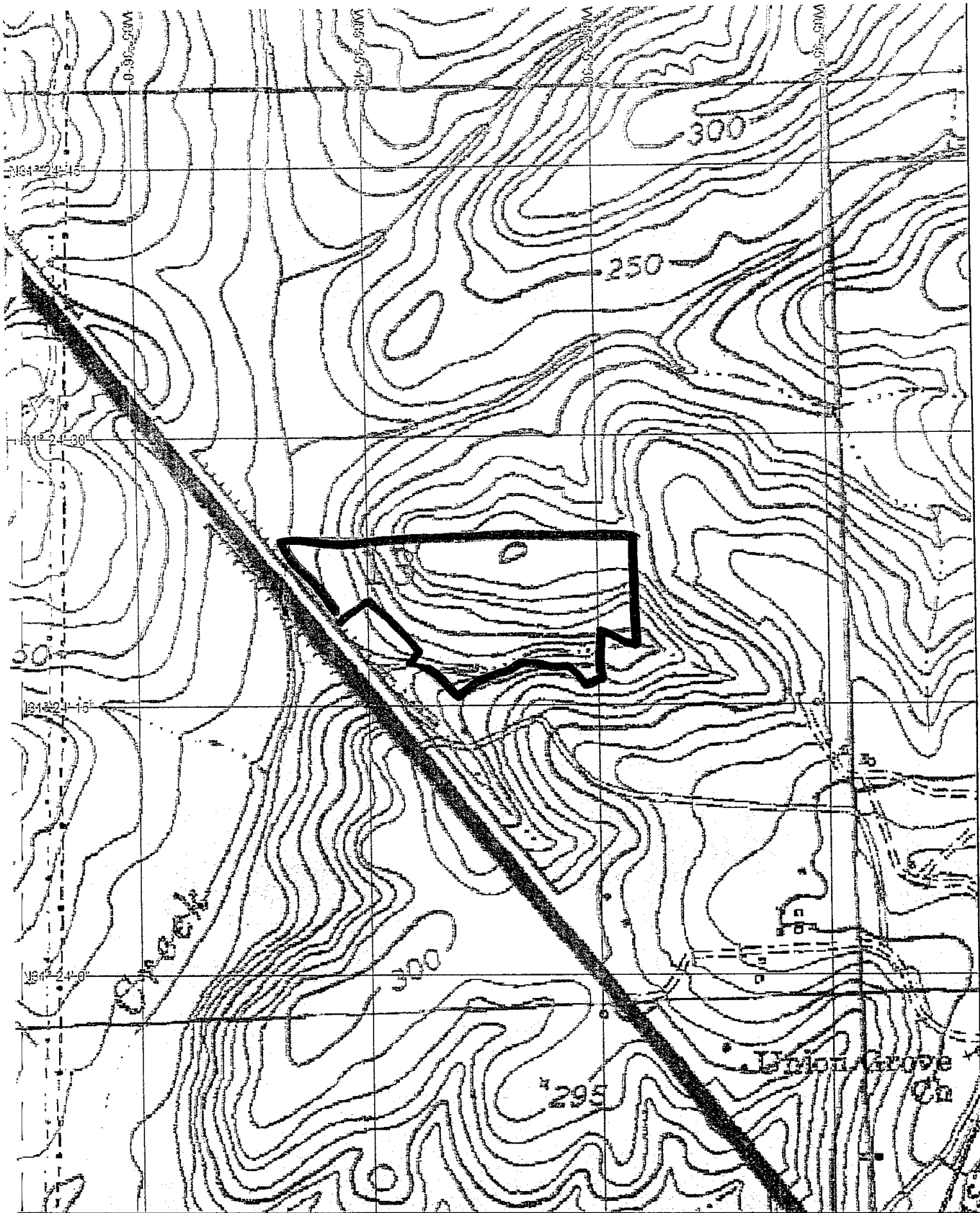
Sincerely,

Environmental Consulting and Engineering, Inc.

A handwritten signature in black ink, appearing to read 'Cole Burdett', written in a cursive style.

Cole Burdett

file: Dale County Mod



D TopoQuads Copyright © 1999 Delorme Vermont, ME 0-096 Source Data: USGS

— 250 ft Scale: 1:8,800 Detail: 14-0 Datum: WGS84

EWELL Quad

Dale County



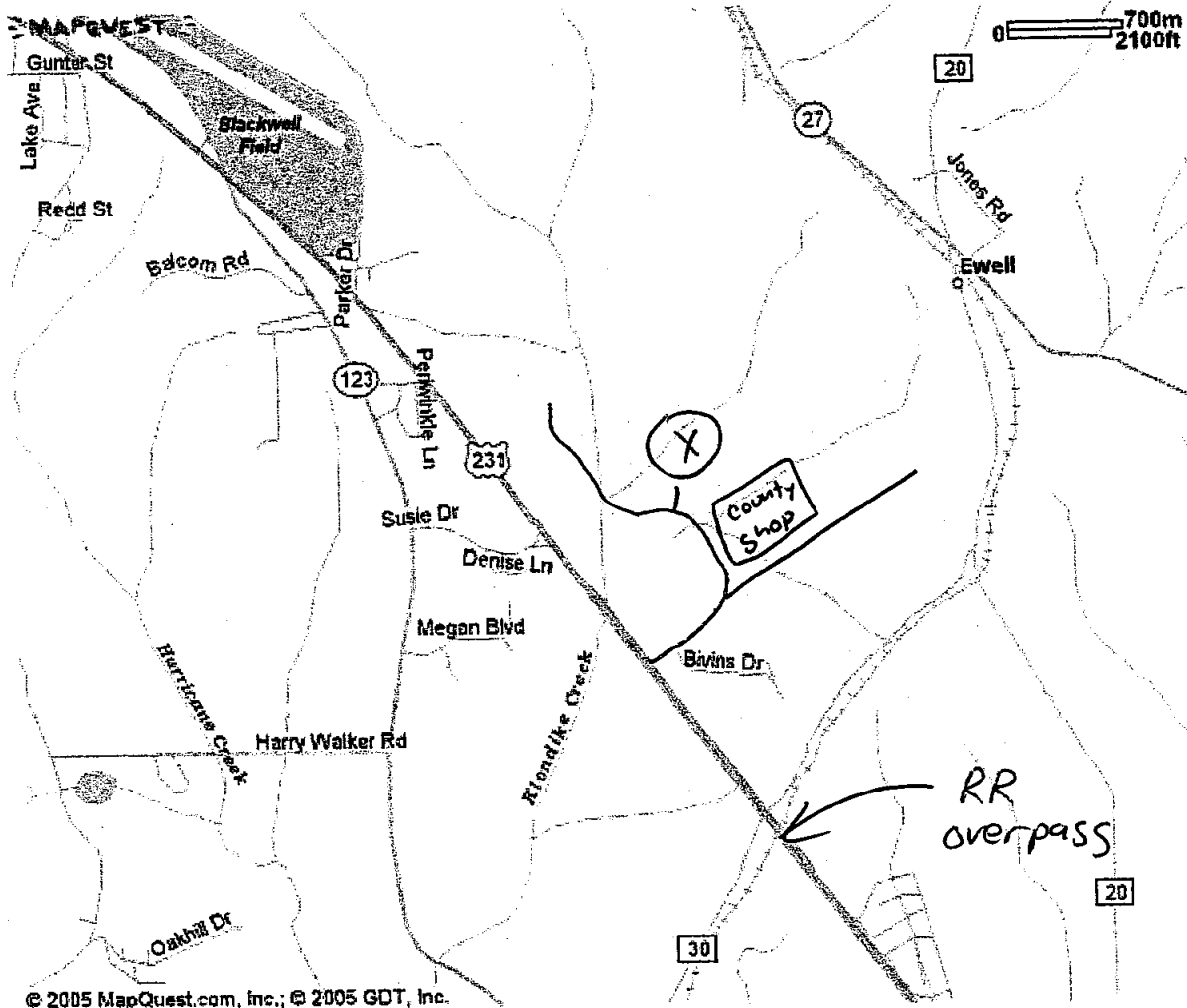
Ozark AL
US

Notes:

Best Western

FREE \$50 Travel Card!

Stay 5 nights at Best Western and receive The Fairy OddParents \$50 Travel Card starting June 6. [MORE](#)



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DEPARTMENT OF THE ARMY
MOBILE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

REPLY TO
ATTENTION OF:

June 30, 2005

Regulatory Division

SUBJECT: Wetland Determination Near Ewell, Alabama
Jurisdictional Number ALJ05-02748-E

Environmental Consulting and Engineering
Attention: Mr. Cole Burdett
101 Market Place
Montgomery, Alabama 36117

Dear Mr. Burdett:

Per your request, this office completed a desktop inspection of a 22 acre parcel along U.S. Highway 231 near Ewell on June 29, 2005. Specifically, the property is located in Section 13, Township 5 North, Range 24 East, Dale County, Alabama.

The inspection disclosed that a portion of the property is considered wetlands and is subject to our Federal permitting authority pursuant to Section 404 of the Clean Water Act of 1977 (33 USC 1344). Please refer to the enclosed "Jurisdictional Determination" form. Section 404 prohibits the placement of dredged or fill material into waters of the United States, including wetlands, unless the work has been authorized by a Department of the Army permit.

It appears that Federally-regulated wetlands comprise approximately 20 percent of the property. This determination was based upon available soils data and a review of recent aerial photographs. Please note attached sketch with the approximate wetlands indicated. The exact extent of wetlands on the property cannot be determined without an extensive field investigation which is not warranted at this time. Once specific fill locations for the property have been determined and a project plan developed, a more detailed site inspection may be required to determine the actual amount of wetland acreage impacted.

Slab-on-grade construction, grading, landclearing with heavy equipment, some pile-supported structures, and constructing a built-up road are considered filling activities and will require a permit if located in wetlands. Handclearing, bushhogging and burning of vegetation (no fill) does not require a Section 404 permit.

This letter grants no property rights and does not obviate any obligation or responsibility for the compliance with the provisions of any other law or regulation of any local, State, or Federal authority.

Please be advised that this jurisdictional determination reflects current policy and is based upon criteria contained in the U.S. Army Corps of Engineers' Wetlands Delineation Manual dated January 1987. If after a 5-year period this jurisdictional determination has not been specifically revalidated by the U.S. Army Corps of Engineers, it shall automatically expire.

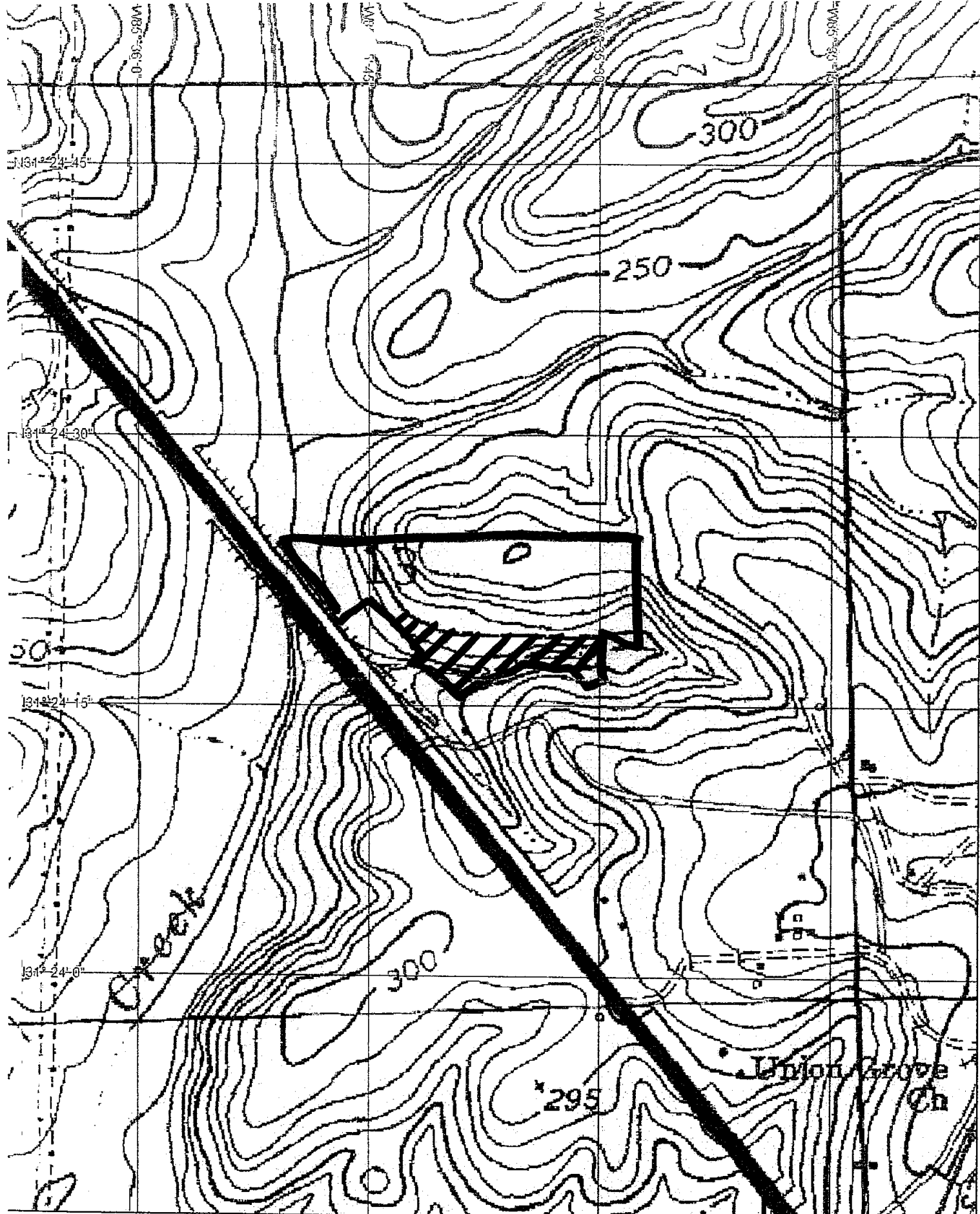
Thank you for your cooperation with our permit program. If you have any questions concerning this matter, please contact Mr. Eric Buckelew of the Enforcement Branch at (251) 690-3184.

Sincerely,

A handwritten signature in black ink that reads "William R. Bunkley". The signature is written in a cursive style with a long, sweeping tail on the letter "y".

William R. Bunkley
Chief, Enforcement Section
Regulatory Division

Enclosure




D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS

250 ft Scale: 1:8,800 Detail: 14:0 Datum: WGS84

EWELL Quad

APPROV

 - Probable Wetlands

JURISDICTIONAL DETERMINATION
U.S. Army Corps of Engineers

Revised 8/13/04

DISTRICT OFFICE: Mobile
FILE NUMBER: ALJ05-02748-E

PROJECT LOCATION INFORMATION:

State: AL
County: Dale

Center coordinates of site (latitude/longitude): 31 24 20 N/ 085 35 37 W
Approximate size of area (parcel) reviewed, including uplands: 22 acres.
Name of nearest waterway: Klondike Creek
Name of watershed: Choctawhatchee River

JURISDICTIONAL DETERMINATION

Completed: Desktop determination Date: 6/29/05
Site visit(s) Date(s):

Jurisdictional Determination (JD):

- Preliminary JD - Based on available information, *there appear to be* (or) *there appear to be no* "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
- Approved JD - An approved JD is an appealable action (Reference 33 CFR part 331).
Check all that apply:
- There are* "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
- There are* "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
- There are* "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area.
 Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.

BASIS OF JURISDICTIONAL DETERMINATION:

A. Waters defined under 33 CFR part 329 as "navigable waters of the United States":

- The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States":

- (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
- (2) The presence of interstate waters including interstate wetlands.
- (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply):
- (i) which are or could be used by interstate or foreign travelers for recreational or other purposes.
- (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
- (iii) which are or could be used for industrial purposes by industries in interstate commerce.
- (4) Impoundments of waters otherwise defined as waters of the US.
- (5) The presence of a tributary to a water identified in (1) - (4) above.
- (6) The presence of territorial seas.
- (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). *If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adjacency determination:* Wetland drain to Klondike Creek and on into Choctawhatchee River.

Lateral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329)

- Ordinary High Water Mark indicated by:
- clear, natural line impressed on the bank
 - the presence of litter and debris
 - changes in the character of soil
 - destruction of terrestrial vegetation
 - shelving
 - other:
- High Tide Line indicated by:
- oil or scum line along shore objects
 - fine shell or debris deposits (foreshore)
 - physical markings/characteristics
 - tidal gages
 - other:
- Mean High Water Mark indicated by:
- survey to available datum; physical markings; vegetation lines/changes in vegetation types.
- Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Wetland Sciences

Basis For Not Asserting Jurisdiction:

- The reviewed area consists entirely of uplands.
- Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
- Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
- The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States:
- Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
 - Artificially irrigated areas, which would revert to upland if the irrigation ceased.
 - Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing.
 - Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
 - Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
 - Isolated, intrastate wetland with no nexus to interstate commerce.
 - Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
 - Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
 - Other (explain):

DATA REVIEWED FOR JURSDICTIONAL DETERMINATION (mark all that apply):

- Maps, plans, plots or plat submitted by or on behalf of the applicant.
- Data sheets prepared/submitted by or on behalf of the applicant.
- This office concurs with the delineation report, dated April 13, 2005, prepared by (company):
- This office does not concur with the delineation report, dated _____, prepared by (company):
- Data sheets prepared by the Corps.
- Corps' navigable waters' studies:
- U.S. Geological Survey Hydrologic Atlas:
- U.S. Geological Survey 7.5 Minute Topographic maps: Ewell
- U.S. Geological Survey 7.5 Minute Historic quadrangles:
- U.S. Geological Survey 15 Minute Historic quadrangles:
- USDA Natural Resources Conservation Service Soil Survey: Dale County
- National wetlands inventory maps:
- State/Local wetland inventory maps:
- FEMA/FIRM maps (Map Name & Date):
- 100-year Floodplain Elevation is: _____ (NGVD)
- Aerial Photographs (Name & Date): Topozone 1997
- Other photographs (Date):
- Advanced Identification Wetland maps:
- Site visit/determination conducted on: 6/15/05
- Applicable/supporting case law:
- Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

Engineering
Architecture
Environmental
Landscape
Surveying

GOODWYN, MILLS AND CAWOOD, INC.



August 24, 2005

Ms. Cindy House-Pearson
U.S. Army Corps of Engineers
P.O. Box 2288
Mobile, Alabama 36628-0001

**RE: Request for Confirmation of Delineation
Dale County (ECE)
Township 5N, Range 24E, Section 13
Dale County, Alabama**

Dear Ms. House-Pearson:

Please find enclosed a USGS quadrangle map (Figure 1A&1B) with the wetlands delineation on the boundary for the property, a general soils map (Figure 2) and a site location map (Figure 3). The map enclosed will depict the jurisdictional wetlands encountered on the site. Also enclosed are copies of data sheets recording the dominant vegetation, hydrology, and soil types. We are requesting a confirmation of delineation and jurisdictional confirmation at your earliest convenience. The center coordinates for the site are Latitude 31d24'21" and Longitude 85d35'36". The nearest waterway is Klondike Creek (off-site) and the site is within the within the Choctawhatchee watershed (HUC 03140201).

If you have questions or need additional information, please do not hesitate to contact me.

Respectfully,

Hassey Brooks

Enclosures

Steve Cawood, PE
David B. Reed, PE, PLS
William E. Wallace, AIA
Galen Thackston, PE
Jeffrey A. Brewer, AIA

John W. Belk, Jr., VP Marketing
George T. Goodwyn, PE, PLS
Donald A. B. Mills, PE

Derril Strickland, PE
H. Burns Whittaker, PE
Wesley Self, PE
Chris Eckroate, PE
Chuck Faulkner, PE
Kevin Wales, PE
Bob Carter, PE
Ronald Windham, PE
Jeffrey A. Harrison, PE
Euel Screws, PE
Andy Parry, PE
Jeff Fennell, PE
Cedric Campbell, PE
Josh Pierce, PE
Brian Hicks, PE
Tom Callison, PE
Meredith Holzer, PE
Erin Fleet, PE
J. Coleman Williams, PE
Victor Apodaca, PE
Keith Strickland, PE
T. Shane Sawyer, PE
Jim Tremelling, PE
Walter Scott, PE
Brian Felder, PE
Joseph Jones, PE

John Wigginton, PhD
Jeff Fincher, PG

Tracy A. Bassett, AIA
Freddie E. Lynn, Jr., AIA
Christopher S. Engel, AIA
Nick C. Sfakianos, AIA
James C. Bagley, AIA, CCS, CSI
Lance P. Bellenger, AIA, CSI
Mark D. Tiller, AIA
Gary L. Owen, Jr., AIA
Daniel E. Woods, AIA
Jacquelyn Overbey, IIDA
Jonathan A. Larson, AIA
Scott Boomhover, AIA
Marty Reid, AIA
Jasper Cornett, AIA
Carla Young, AIA
Brian Klinkhammer, AIA

Cathryn C. Gerachis, ASLA
Kevin J. Carpenter, ASLA
Hap Kern, ASLA

Roy Jones, PLS
Edward James Niel, PLS
Jerry Peery, PLS
Rick Clay, PLS
Kris Flaherty, PLS
Jeff Bell, PLS

P.O. Box 242128	1102 20th Street South	213-C Church Street	41 West I-65 Service Road North
200 East Chase Lane	Birmingham, AL 35205	P.O. Box 458	Suite 430
200 Montgomery, AL 36124	Tel 205.879.4462	Andalusia, AL 36420	Mobile, AL 36608
334.271.3200	Fax 205.879.4493	Tel 334.222.2699	Tel 251.460.4006
334.272.1566		Fax 334.222.3573	Fax 251.460.4423

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: <u>DALE COUNTY ECE</u> Applicant/Owner: <u>1</u> Investigator: <u>TWR, RBN</u>	Date: <u>8/19/05</u> County: <u>DALE</u> State: <u>AL</u>
Do Normal Circumstances Exist on the site? Yes <u> </u> No <u> </u> Is the site significantly disturbed (Atypical Situation)? Yes <u> </u> No <u> </u> Is the area a potential Problem Area? Yes <u> </u> No <u> </u> (If needed, explain on reverse.)	Community ID: <u> </u> Transect ID: <u> </u> Plot ID: <u>WET DATA</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>LIQUIDAMBAR STYRACIFLUA</u>	<u>T</u>	<u>FAC+</u>	9. _____	_____	_____
2. <u>ALNUS SP.</u>	<u>T</u>	<u>FAC</u>	10. _____	_____	_____
3. <u>LIQUIDAMBAR STYRACIFLUA</u>	<u>S/S</u>	<u>FAC</u>	11. _____	_____	_____
4. <u>ACROSTICHUM SP.</u>	<u>H</u>	<u>OBL</u>	12. _____	_____	_____
5. <u>ACER RUNCINUM</u>	<u>S/S</u>	<u>OBL</u>	13. _____	_____	_____
6. <u>SAGITTARIA SP.</u>	<u>H</u>	<u>OBL</u>	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100% NET

Remarks: FAC ~~NET~~ NEUTRAL TEST: S/S 100% "PASSES"

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input checked="" type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input checked="" type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12" <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>15</u> (in.) Depth to Free Water in Pit: <u>5</u> (in.) Depth to Saturated Soil: <u>0</u> (in.)	Remarks:

DATA FORM
ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>DALE COUNTY ECE</u> Applicant/Owner: _____ Investigator: <u>TWR, RBS</u>	Date: <u>8/19/05</u> County: <u>DALE</u> State: <u>AL</u>
Do Normal Circumstances Exist on the site? Yes No Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No (If needed, explain on reverse.)	Community ID: _____ Transect ID: _____ Plot ID: <u>Dry Data</u>

VEGETATION

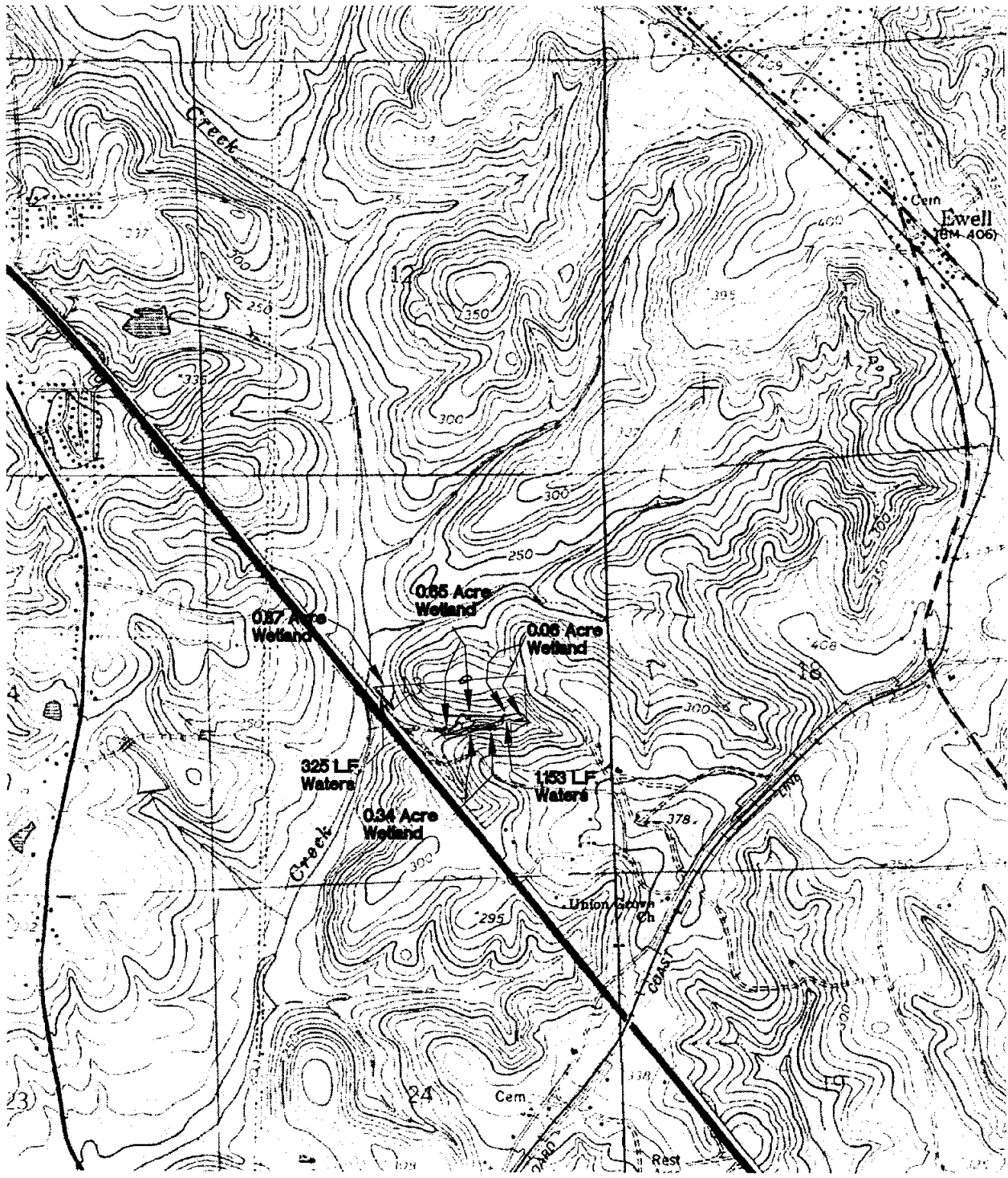
Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>QUERCUS NIGRA</u>	<u>T</u>	<u>FAC</u>	9. _____	_____	_____
2. <u>CARYA SP.</u>	<u>T</u>	<u>FAC</u>	10. _____	_____	_____
3. <u>JUNIPERUS VIRGINIANA</u>	<u>T</u>	<u>FACU-</u>	11. _____	_____	_____
4. <u>PINUS TAEDA</u>	<u>T</u>	<u>FAC</u>	12. _____	_____	_____
5. <u>PINUS TAEDA</u>	<u>SS</u>	<u>FAC</u>	13. _____	_____	_____
6. <u>JUNIPERUS VIRGINIANA</u>	<u>SS</u>	<u>FACU-</u>	14. _____	_____	_____
7. <u>VITIS ROTUNDFOLIA</u>	<u>V</u>	<u>FAC</u>	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 5/7 Wet = 71%

Remarks: _____

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12" <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>>15</u> (in.) Depth to Free Water in Pit: <u>>15</u> (in.) Depth to Saturated Soil: <u>NA</u> (in.)	Remarks: _____



FIGURE

1B

**Goodwyn, Mills & Cawood
Environmental Consultants, Inc.**
P. O. Box 3605
125 Interstate Park Drive
Montgomery, Alabama

TITLE: USGS
QUADRANGLE
MAP
PROJECT: DALE COUNTY
WETLANDS

DESIGNED:
DRAWN: THB
SCALE: 1" = 2000'
DATE: 8/22/05

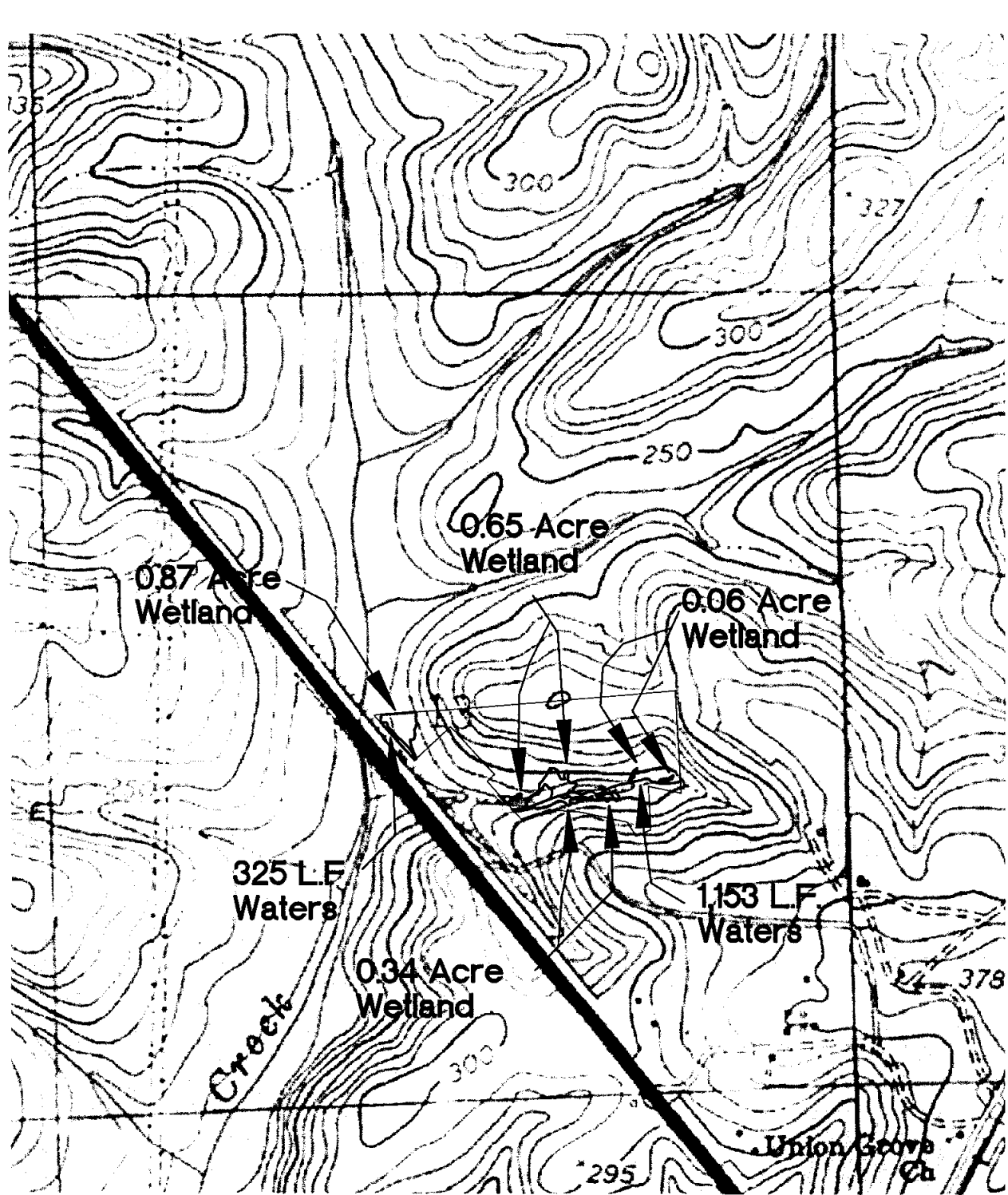


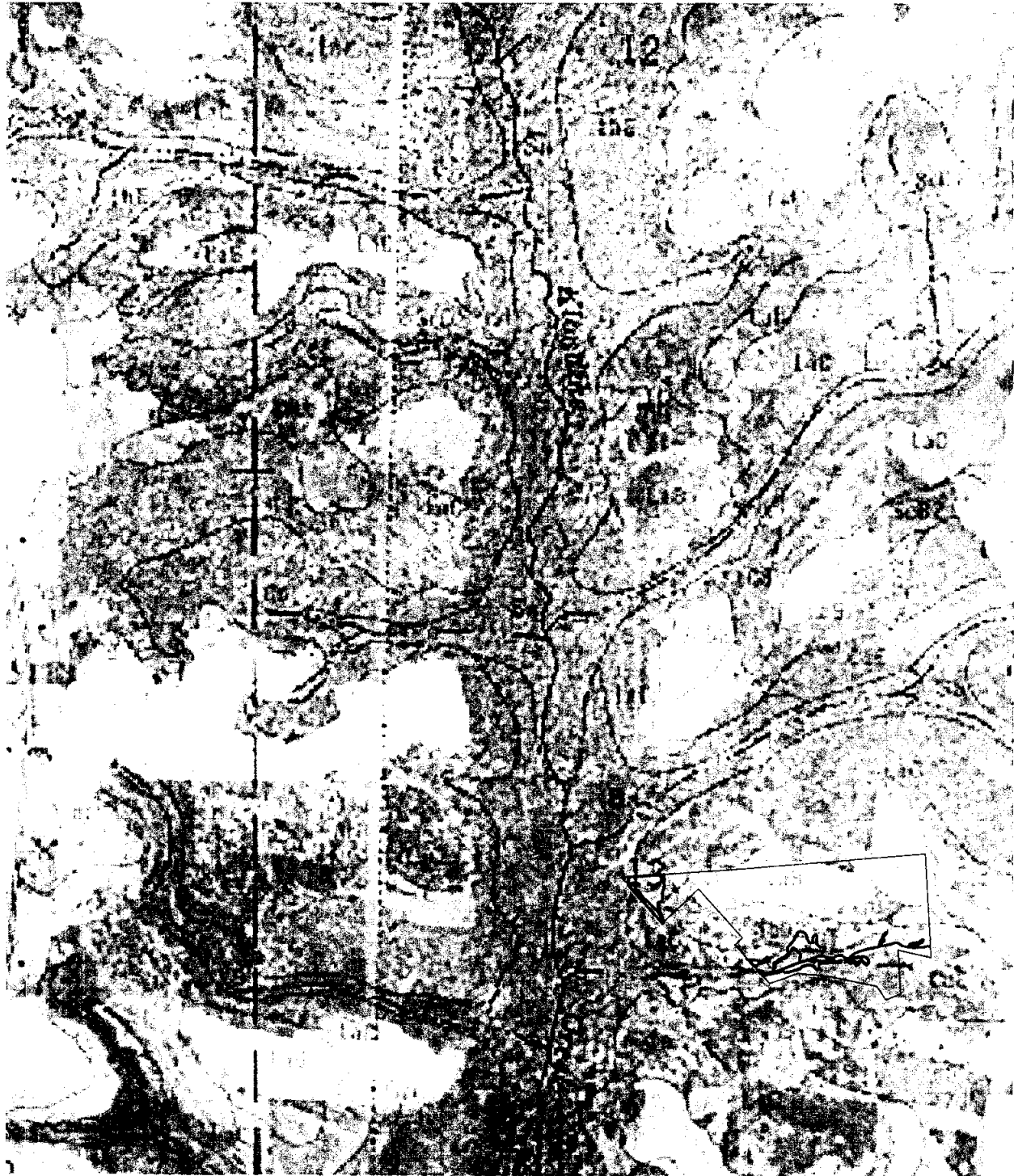
FIGURE
1A

**Goodwyn, Mills & Cawood
Environmental Consultants, Inc.**

P. O. Box 3605
125 Interstate Park Drive
Montgomery, Alabama

TITLE: USGS
QUADRANGLE
MAP
PROJECT: DALE COUNTY
WETLANDS

DESIGNED:
DRAWN: THB
SCALE: 1" = 1000'
DATE: 8/22/05



LEGEND:

- = Delineated wetlands (1.92 acres)
- = Delineated waters (1,478 L.F.)

FIGURE

2

**Goodwyn, Mills & Cawood
Environmental Consultants, Inc.**

P. O. Box 3605
125 Interstate Park Drive
Montgomery, Alabama

TITLE: GENERAL
SOILS
MAP

PROJECT: DALE COUNTY
WETLANDS

DESIGNED:

DRAWN: THB

SCALE: 1" = 500'

DATE: 8/24/05

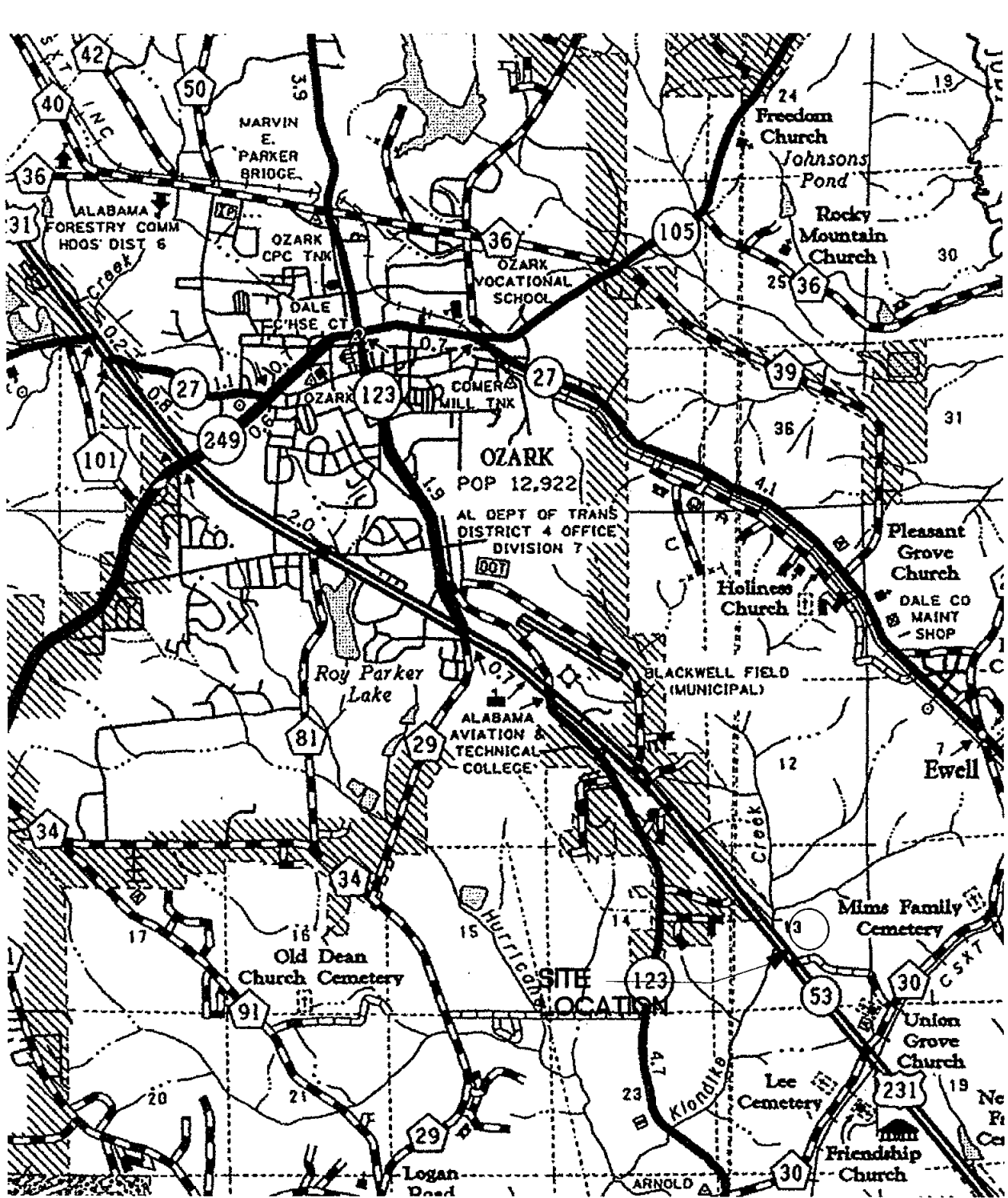


FIGURE
3

**Goodwyn, Mills & Cawood
Environmental Consultants, Inc.**
P. O. Box 3605
125 Interstate Park Drive
Montgomery, Alabama

TITLE: SITE LOCATION MAP
PROJECT: DALE COUNTY WETLANDS

DESIGNED:
DRAWN: THB
SCALE: 1" = 10,000'
DATE: 8/24/05



DEPARTMENT OF THE ARMY

MOBILE DISTRICT, CORPS OF ENGINEERS

P.O. BOX 2288

MOBILE, ALABAMA 36628-0001

September 11, 2005

REPLY TO
ATTENTION OF:

Regulatory Division

SUBJECT: Wetland Lines Verified for Jurisdictional File
Number ALJ05-03956-K

Goodwyn, Mills and Cawood, Inc.
Attention: Mr. Hassey Brooks
Post Office Box 242128
Montgomery, Alabama 36124

Dear Mr. Brooks:

Reference is made to the wetland survey map submitted to our office concerning wetlands on the Dale County ECE site in Ozark. Specifically, the property is located in Section 13, Township 5 North, Range 24 East, Dale County, Alabama.

The wetland boundary as shown on the survey map of the property dated August 22, 2005 has been verified by this office as being correct during an inspection on September 12, 2005. A signed copy of the map is being returned to you and a copy is being placed in our jurisdiction file for future reference.

Please be advised that this jurisdictional determination reflects current policy and regulation and is valid for a period of 5 years from the date of your letter. If after the 5-year period this jurisdictional determination has not been specifically revalidated by the U.S. Army Corps of Engineers, it shall automatically expire. Should you disagree with certain terms and/or conditions of this determination, the enclosed Notification of Applicant Options outlines the steps to take to file your objection.

This letter grants no property rights and does not obviate any obligation or responsibility for the compliance with the provisions of any other law or regulation of any local, State, or Federal authority.

If you have any questions concerning our jurisdictional authority pursuant to Section 404 of the Clean Water Act in the designated wetland area, or if you wish to discuss any permit requirements for future activities at the site, please contact Ms. Cindy J. House-Pearson of the Enforcement Branch at (251) 690-3188.

Sincerely,

A handwritten signature in black ink that reads "CJ House-Pearson". The signature is written in a cursive, slightly slanted style.

Cindy J. House-Pearson
Environmental Protection
Specialist
Regulatory Division

Enclosures

JURISDICTIONAL DETERMINATION
U.S. Army Corps of Engineers

Revised 8/13/04

DISTRICT OFFICE: Mobile
FILE NUMBER: ALJ005-03956-K

PROJECT LOCATION INFORMATION:

State: AL
County: Dale
Center coordinates of site (latitude/longitude): Lat. 31-24-21, long 85-35-36
Approximate size of area (parcel) reviewed, including uplands: 40 acres.
Name of nearest waterway: Klondike Creek
Name of watershed: Choctawhatchee

JURISDICTIONAL DETERMINATION

Completed: Desktop determination Date: 09/12/05
Site visit(s) Date(s):

Jurisdictional Determination (JD):

- Preliminary JD - Based on available information, *there appear to be* (or) *there appear to be no* "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
- Approved JD - An approved JD is an appealable action (Reference 33 CFR part 331).
Check all that apply:
- There are* "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
- There are* "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: 1.4 acres.
- There are* "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area.
 Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.

BASIS OF JURISDICTIONAL DETERMINATION:

- A. Waters defined under 33 CFR part 329 as "navigable waters of the United States":
- The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
- B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States":
- (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
- (2) The presence of interstate waters including interstate wetlands¹.
- (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply):
- (i) which are or could be used by interstate or foreign travelers for recreational or other purposes.
- (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
- (iii) which are or could be used for industrial purposes by industries in interstate commerce.
- (4) Impoundments of waters otherwise defined as waters of the US.
- (5) The presence of a tributary to a water identified in (1) - (4) above.
- (6) The presence of territorial seas.
- (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). *If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adjacency determination:* Headwater wetlands adjacent to Klondike Creek which flows to Choctawhatchee River. The Choctawhatchee is a Section 10 waterway.

Lateral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329)

- Ordinary High Water Mark indicated by:
- clear, natural line impressed on the bank
 - the presence of litter and debris
 - changes in the character of soil
 - destruction of terrestrial vegetation
 - shelving
 - other:
- High Tide Line indicated by:
- oil or scum line along shore objects
 - fine shell or debris deposits (foreshore)
 - physical markings/characteristics
 - tidal gages
 - other:
- Mean High Water Mark indicated by:
- survey to available datum; physical markings; vegetation lines/changes in vegetation types.
- Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by: Goodwyn, Mills & Cawood

Basis For Not Asserting Jurisdiction:

- The reviewed area consists entirely of uplands.
- Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
- Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
- The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States:
- Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
 - Artificially irrigated areas, which would revert to upland if the irrigation ceased.
 - Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing.
 - Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
 - Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
 - Isolated, intrastate wetland with no nexus to interstate commerce.
 - Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
 - Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
 - Other (explain):

DATA REVIEWED FOR JURISDICTIONAL DETERMINATION (mark all that apply):

- Maps, plans, plots or plat submitted by or on behalf of the applicant.
- Data sheets prepared/submitted by or on behalf of the applicant.
- This office concurs with the delineation report, dated 08/19/05, prepared by (company): Goodwyn, Mills & Cawood
- This office does not concur with the delineation report, dated _____, prepared by (company): _____
- Data sheets prepared by the Corps.
- Corps' navigable waters' studies:
- U.S. Geological Survey Hydrologic Atlas:
 - U.S. Geological Survey 7.5 Minute Topographic maps:
 - U.S. Geological Survey 7.5 Minute Historic quadrangles:
 - U.S. Geological Survey 15 Minute Historic quadrangles:
 - USDA Natural Resources Conservation Service Soil Survey:
 - National wetlands inventory maps:
 - State/Local wetland inventory maps:
 - FEMA/FIRM maps (Map Name & Date):
 - 100-year Floodplain Elevation is: _____ (NGVD)
 - Aerial Photographs (Name & Date):
 - Other photographs (Date):
 - Advanced Identification Wetland maps:
 - Site visit/determination conducted on: 09/12/05
 - Applicable/supporting case law:
 - Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Goodwyn, Mills and Cawood		File Number: ALJ05-03956-K	Date: 09/12/05
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
	PERMIT DENIAL		C
X	APPROVED JURISDICTIONAL DETERMINATION		D
	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Ms. Cindy J. House-Pearson
CESAM-OP-S
U.S. ARMY CORPS OF ENGINEERS
POST OFFICE BOX 2288
MOBILE, ALABAMA 36628-0001
(251) 69

If you only have questions regarding the appeal process you may also contact:

MR. MICHAEL F. BELL
REGULATORY APPEAL REVIEW OFFICER
ROOM 9M15
60 FORSYTH STREET SOUTHWEST
ATLANTA, GEORGIA 30303-8801
(404) 562-5137

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

**ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM)
FIELD OPERATIONS DIVISION NPDES STORMWATER PROGRAM**

NOTICE OF REGISTRATION (NOR)

THIS FORM IS TO BE USED FOR ADEM ADMINISTRATIVE CODE CHAPTER 335-6-12 - NPDES CONSTRUCTION, NONCOAL/NONMETALLIC MINING AND DRY PROCESSING LESS THAN FIVE ACRES, OTHER LAND DISTURBANCE ACTIVITIES, AND AREAS ASSOCIATED WITH THESE ACTIVITIES

PLEASE READ THE INSTRUCTIONS BEGINNING ON PAGE 3 OF THIS FORM CAREFULLY BEFORE COMPLETING. COMPLETE ALL QUESTIONS. RESPOND WITH "N/A" AS APPROPRIATE. INCOMPLETE OR INCORRECT ANSWERS, OR MISSING SIGNATURES WILL DELAY ACCEPTANCE OF REGISTRATION. IF SPACE IS INSUFFICIENT, CONTINUE ON AN ATTACHED SHEET(S) AS NECESSARY. ATTACH CBMP AND OTHER INFORMATION AS NEEDED. PLEASE TYPE OR PRINT LEGIBLY IN INK.

I. REGISTRANT INFORMATION Registration: Modification: Transfer: Re-Registration: AL _____

Registrant Name Dale County Commission			Facility/Site Name Dale County Construction and Demolition Landfill			# of Years Coverage Requested: 1		
Responsible Owner/Operator or Official, and Title Eunice Hagler, Chairperson, Dale County Commission				Site Contact and Title Derek Brewer, County Engineer				
Mailing Address of Registrant 202 S. Hwy 123, Suite A				Site Street Address or Location Description County Road 3 from the AL Hwy 123 to Barbour County Line				
City Ozark	State AL	Zip 36360	City Ozark	State AL	Zip 36360			
Business Phone Number (334) 774-5875			Site Phone Number (334) 774-5875			Fax Number (334) 774-6899		
Responsible Official (RO) Street/Physical Address 202 S. Hwy 123, Suite A, Ozark, AL 36360				RO Phone Number (334) 774-5875		Email Address dalecorb@charter.net		
(If applicable) Registered Agent Name, Address, & Phone Number N/A								

II. LEGAL STRUCTURE OF REGISTRANT

Corporation Individual Single Proprietorship Partnership LLC LLP Government Agency Other _____
 Yes No If not an Individual or Single Proprietorship, registrant is properly registered and in good standing with the Alabama Secretary of State's office. If "No", please explain:

III. ACTIVITY DESCRIPTION & INFORMATION

County(s) Dale Township(s), Range(s), Section(s) T5N, R24E, S13
 Directions To Site Take a left off of US Hwy 231 S onto Dale County Road 30. Go approximately 0.25 miles and take a left onto Bivins Street. The Dale County Landfill is approximately 0.25 miles down Bivins Street on the right.

Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is/will this facility:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
(a) <input checked="" type="checkbox"/> <input type="checkbox"/>	an existing site which currently discharges to State waters?	(b) <input type="checkbox"/> <input checked="" type="checkbox"/>
(c) <input type="checkbox"/> <input checked="" type="checkbox"/>	a proposed site which will result in a discharge to State waters?	(d) <input type="checkbox"/> <input checked="" type="checkbox"/>
		discharge to waters of or be located in the Coastal Zone?
		be located on Indian/ historically significant lands?

IV. PROPOSED SCHEDULE - Used to determine potential registration duration & applicable fee amount, considering responses to Item VIII.

Anticipated Activity schedule: Commencement date: 02-06-06 Completion date: 02-05-07
 Area of the Registered site: Total site area in acres: 22.33 Total disturbed area in acres: 22.33

V. VIOLATION HISTORY

Identify every Notice of Violation (NOV), Administrative Order, Directive, or Litigation filed by ADEM or EPA during the three year (36 months) period preceding the date on which this form is signed issued to the operator, owner, registrant, partner, parent corporation, subsidiary, LLP, or LLC member. Indicate the date of issuance, briefly describe alleged violations, list actions (if any) to abate alleged violations, and indicate date of final resolution:
N/A

VI. MAP SUBMITTAL

Yes No A 7.5 minute series USGS topographic map(s) or equivalent map(s) is attached according to the instructions beginning on Page 3. If "No", explain:

VII. PROPOSED ACTIVITY(S) TO BE CONDUCTED

If Non-Coal, Non-Metallic Mining, Recovery, or Construction Material Management Site: Dirt-Chert Sand-Gravel Shale-Clay
 Crushed-Dimension Stone Other _____ Other _____ Other _____
 Primary SIC Code 4953 Brief Description Construction, Noncoal Mining, or Materials Management Activity:
Establishments primarily engaged in the collection and disposal of refuse by processing or destruction or in the operation of incinerators, waste treatment plants, landfills, or other sites for disposal of such materials.

VIII. RECEIVING WATERS

List name of receiving water(s), latitude & longitude (decimal or deg,min,sec) of location(s) that run-off enters the receiving water, total number of disturbed acres, the total number of drainage acres which will drain through each treatment system or BMP, and the waterbody classification. If receiving water is designated as ONRW and/or Tier 1 waterbody, attach/submit copy of CBMPP.

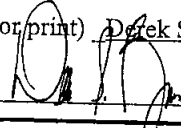
Receiving Water	Latitude	Longitude	Disturbed Acres	Drainage Acres	Waterbody Classification	ONRW Y or N	TIER 1 Y or N
UT to Klondike Creek	N31°24.26	W85°35.71'	19.43	10.43	F & W	N	N
UT to Klondike Creek	N31°24.31'	W85°35.48'	2.90	69.40	F & W	N	N

IX. MODIFICATION & RE-REGISTRATION - CONTINUING EDUCATION & INSPECTION INFORMATION

Yes No Required inspections/monitoring by QCP/QCI have been performed and records retained. If "No", explain:
New application for this site
 List name(s) and designation/certification #s of QCPs/QCIs that performed required inspections/monitoring:

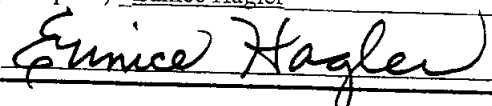
X. QUALIFIED CREDENTIALLED PROFESSIONAL (QCP) CERTIFICATION

"I certify under penalty of law that a comprehensive Construction Best Management Practices Plan (CBMPP) for the prevention and minimization of all sources of pollution in stormwater and authorized related process wastewater runoff has been prepared under my supervision for this site/activity, and associated regulated areas/activities, utilizing effective BMPs from the Alabama Handbook For Erosion Control, Sediment Control, And Stormwater Management On Construction Sites And Urban Areas, Alabama Soil and Water Conservation Committee, as amended (ASWCC). If the CBMPP is properly implemented and maintained by the registrant, discharges of pollutants in stormwater runoff can reasonably be expected to be effectively minimized to the maximum extent practicable according to the requirements of ADEM Administrative Code Chapter 335-6-12. The CBMPP describes the pollution abatement/prevention management and effective structural & nonstructural BMPs that must be fully implemented and regularly maintained as needed at the registered site in accordance with sound sediment and erosion practices to ensure the protection of water quality."

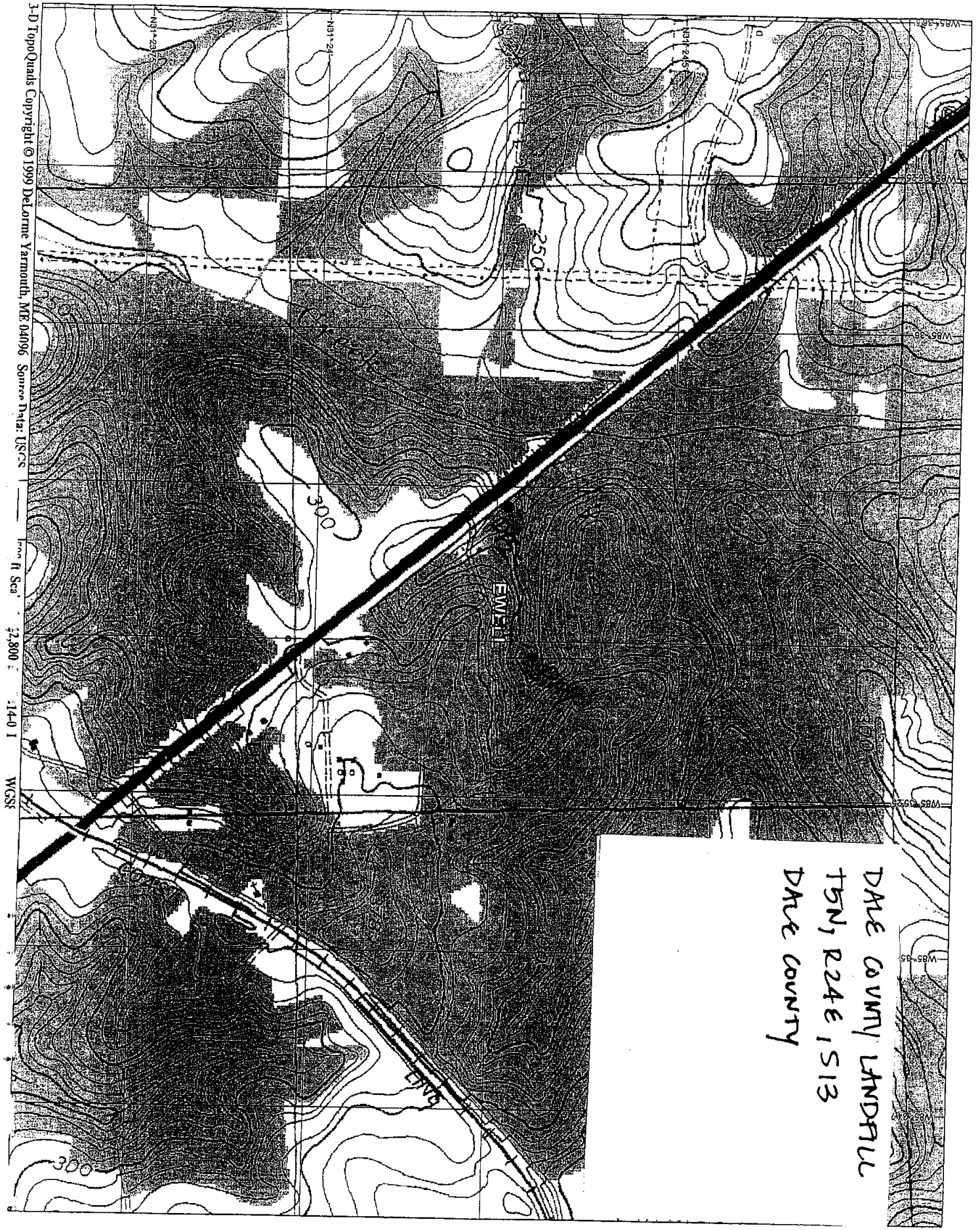
QCP Designation/Description: Dale County Engineer
 Address 202 S. Hwy. 123, Suite A, Ozark, AL 36360 Registration/Certification 24037
 Name and Title (type or print) Derek S. Brewer, County Engineer Phone Number (334) 774-5875
 Signature  Date Signed 2-21-06

XI. OPERATOR - RESPONSIBLE OFFICIAL SIGNATURE

Pursuant to ADEM Administrative Code Rule 335-6-6-.09, this NOR must be signed by a Responsible Official of the registrant who is the operator, owner, the sole proprietor of a sole proprietorship, a general/controlling member or partner, a ranking elected official or other duly authorized representative for a unit of government; or an executive officer of at least the level of vice-president for a corporation, having overall responsibility and decision making for the site/activity. "I certify under penalty of law that this form, the CBMPP, and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the qualified credentialed professional (QCP) and other person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, correct, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine or imprisonment for knowing violations. I certify that this form has not been altered, and if copied or reproduced, is consistent in format and identical in content to the ADEM approved form. I further certify that the proposed discharges described in this registration have been evaluated for the presence of any non-construction and/or coal/mineral mining stormwater, or process wastewaters have been fully identified."

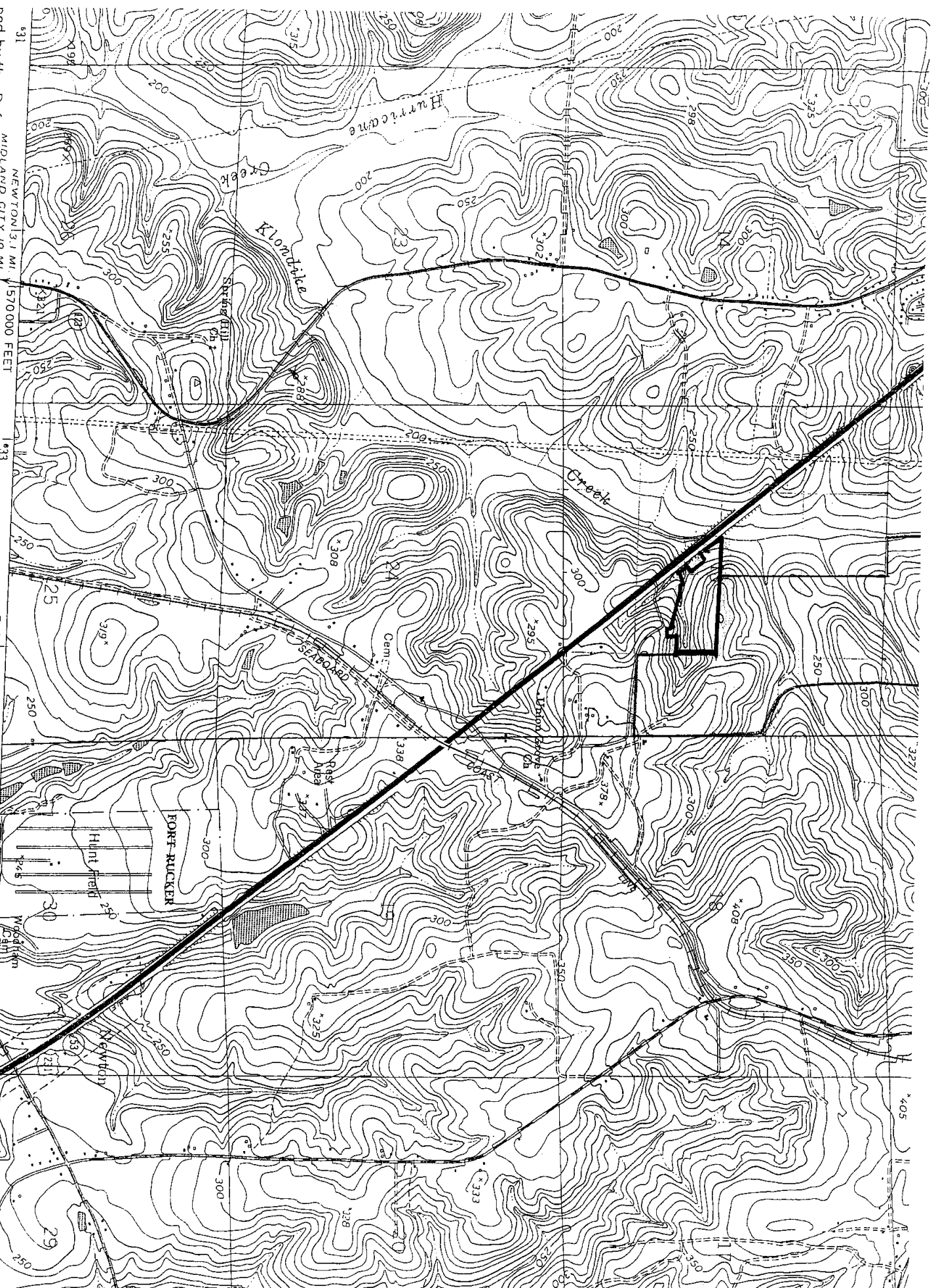
Name (type or print) Eunice Hagler Official Title Chairperson, Dale County Commission
 Signature  Date Signed Feb. 17, 2006

DAKE COUNTY LANDROLL
T5N, R24E, S13
DAKE COUNTY

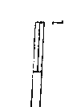


3-D TopoQuads Copyright © 1999 Delorme Vermont, ME 04406 Source Data: USGS

Scale: 2,800 Feet 1:140,000 WGS84



NEW YORK STATE
MIDLAND CITY 10 MI.
NEWTON 1/2 MI.
1:570,000 FEET



SCALE 1:24,000
(PINKARD)
3848 1 SE
1:37

Published by the Defense Mapping Agency
for civil use by the Geological Survey
by NOS/NOAA and USCE

**See sheet 2 of the permit
modification drawings for
the boundary map and legal
description.**

DALE COUNTY C&D LANDFILL

DALE COUNTY, ALABAMA

Permit # 23-06

SOLID WASTE DISPOSAL FACILITY CONSTRUCTION QUALITY ASSURANCE PLAN

February 2006



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

CONSTRUCTION QUALITY ASSURANCE PLAN

Dale County C&D Landfill

1) INTRODUCTION

- a) An independent consulting engineering firm specializing in Construction Quality Assurance (CQA) shall provide Construction Quality Assurance (CQA).
- b) These services of the CQA firm shall be required during all phases of construction of the landfill. These services include oversight of the excavation/construction of the subgrade, berms, onsite drainage controls for run-on and run-off, installing and maintaining survey controls, and final certification.
- c) The project team providing the CQA services shall consist of the following:
 - i) CQA Project Engineer: Responsible for defining quality assurance requirements compatible with the project objectives, verifying basic data as reasonable and complete, outlining procedures to process data, development of statistical procedures for the analysis of test data and preparing quality assurance memoranda and quality control reports. The CQA Project Engineer shall report to the Dale County Engineer or his representative. This Engineer shall be a registered professional engineer licensed in Alabama. Reference to the CQA Engineer, for the purpose of this document, shall include the CQA Project Engineer or his representative.
 - ii) Engineering Technicians: Responsible for field observations, testing and inspection. Technicians will be assigned to the project as deemed necessary by the CQA Project Engineer. The CQA Project Engineer, Technician or the CQA Project Engineer's representative shall be on-site during construction activities.
- d) A pre-construction meeting will be held prior to the beginning of each phase of the project. All activities associated with the construction of that phase will be discussed. The CQA Engineer, Dale County Engineer or his representative, and all contractors involved in the phase of work will be required to attend the pre-construction meeting.

Weekly meetings will be required during critical construction activities.

2) SUBGRADE AND STRUCTURAL FILL

- a) The CQA Engineer shall verify that the subgrade is constructed in accordance with approved plans. All areas of the subgrade shall be proof rolled with the appropriate equipment. Any areas found to exhibit pumping, movement, or other instability shall be repaired or reconstructed.
- b) The landfill cell shall be excavated to the lines and grades as indicated on the drawings.

3) CERTIFICATION

- a) The CQA Engineer will provide certification that the landfill cell, access roads, ditches, sediment basin and other associated ancillary facilities have been constructed according to the approved plans, specifications, and this CQA Plan.
- b) A report shall be submitted to ADEM including field notes, test reports and other documentation outlined in this CQA plan.
- c) The Dale County Commission must receive written approval from ADEM prior to disposal in any newly constructed cell.

DALE COUNTY C&D LANDFILL

DALE COUNTY, ALABAMA

Permit # 23-06

Explosive Gas Monitoring and Reporting Plan

February 2006



ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

Civil & Environmental Engineering • Land Surveying

Prepared for:

DALE COUNTY COMMISSION

**202 South Hwy 123
Ozark, Alabama 36360**

Prepared by:

ENVIRONMENTAL CONSULTING & ENGINEERING, INC.

**101 Market Place
Montgomery, Alabama 36117**

CERTIFICATION

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that the submittal of false or inaccurate information may result in the Solid Waste Disposal Facility Permit Application being denied or suspended.

Registered Professional Engineer

Date

Explosive Gas Monitoring and Reporting Plan

I. Introduction

This explosive gas monitoring and reporting plan has been prepared for the Dale County Commission in order to meet the requirements of ADEM Rule 335-13-4-.16(2)(c). This plan addresses the explosive gas monitoring requirements and the actions to take if gas is detected above certain levels.

II. Explosive Gas

Methane gas is produced from the decomposition of organic waste in landfills. The rate of production and the likelihood of migration depend on many factors including temperature, moisture content of the waste, the type of soil and the design components of the landfill. When the concentration of methane is between 5% and 15% there is a danger of an explosion. At lower concentrations, there is not enough gas to support combustion; at higher levels, the gas will burn but will not explode. ADEM Rule 335-13-4-.16(1)(a) requires that explosive gases shall not exceed the lower explosive limit at the facility boundary. ADEM Rule 335-13-4-.16(b) requires that explosive gases shall not exceed 25% of the lower explosive limit in facility structures. This plan describes the monitoring activities to ensure that these limits are not exceeded and describes the response in the case of exceeding this limits.

III. Monitoring Plan

1. Facility Boundary Monitoring

The monitoring of the facility will be conducted yearly during the active life of the C&D landfill and semi-annually for the pre Subtitle-D closed sanitary portion of the site. The monitoring will be conducted with a portable gas monitoring device that reads the percentage of the lower explosive limit (LEL). The device will be calibrated with methane. The results will be recorded as a percent of LEL and percent volume. The monitoring will be conducted at the monitoring points shown in the Permit Drawings. Since there are no dwellings located within 1000 feet of the property boundaries the monitoring points are located every 300 feet. A bar hole punch (to a depth of four feet) will be used to monitor the gas. Additional monitoring points (including structures and sumps) will be monitored.

2. Sampling Methodology

The method for taking samples will be as follows:

- A bar hole punch will be used to produce a four foot hole.
- Immediately after removing the punch a sample will be withdrawn from the hole.
- The reading from the gas meter will be recorded.

3. Monitoring of Structures

Each structure on the facility will be equipped with a continuous explosive gas monitoring device. This device will continually monitor the atmosphere for the presence of explosive gases. If the level of explosive gas in the structure exceeds 25% of the LEL an audible alarm will sound. These monitoring devices will be calibrated once per year to ensure proper operation. The calibration, as well as the operation of these devices, will be in accordance with the manufacturer's instructions.

IV. Emergency Measures

If the explosive gas monitoring indicates an exceedance of the LEL at the property boundary or 25% of the LEL in any structure, the following actions will be taken:

- Immediately take steps to ensure the protection of human health and property.
- Within seven days of the detection, place in the operating record the levels that were recorded and the immediate steps taken to protect human health and the property.
- Within twenty days of the detection, submit to ADEM for approval a remedial plan for the gas release. This plan will describe the nature and extent of the problem and the proposed remedy.
- Upon approval of the plan or within 60 days, whichever is the earliest, implement the actions contained in the remedial plan.
- Within 60 days of detection, place a copy of the remedial plan and the correspondence in the operating record.
- Within 60 days of detection, notify ADEM the plan has been implemented.

V. Reporting

The monitoring reports will be placed in the operating record. In addition, the monitoring report will be submitted to ADEM within 30 days of the monitoring event. The report shall be submitted to:

Alabama Department of Environmental Management
Land Division
Post Office Box 301463
Montgomery, AL 36130-1463

FEE SHEET FOR SOLID WASTE PERMITS

ADEM No.: 3032

Applicant: Dale County Commission

Location: Dale County C/D Landfill

Dale County, AL

Coordinates: 31.40243588, -85.58656024

Permit No.: 23-06

Date Application Received: 03/09/23

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
Municipal Solid Waste Landfill	\$83,880		\$37,270	
Minor Modification ¹		\$3,275		
Major Modification ²		\$32,615		
Construction/Demolition Landfill	\$7,145		\$5,400	\$5,400
Minor Modification ¹		\$1,460		
Major Modification ²		\$2,915		
Industrial Landfill	\$12,670		\$8,150	
Minor Modification ¹		\$1,460		
Major Modification ²		\$4,375		
Compost Facility	\$4,860		\$3,670	
Minor Modification ¹		\$1,225		
Major Modification ²		\$1,945		
Environmental Covenants				
Engineering Controls	\$6,425	\$1,610		
Registry Fee for Class 1 Controls	\$13,705	\$635		
Registry Fee for Class 2 Controls	\$9,420	\$635		
Registry Fee for Class 3 Controls	\$5,245	\$635		

Additional Fees				
Geological Review:	\$4,865	\$3,275	\$3,275	
Greenfield Site:	\$1,610			
Public Hearing:	\$8,450	\$8,450	\$8,450	
Name Change/Transfer:		\$800		
Variance Request	\$1,460	\$1,460	\$1,460	
Solid Waste Disposal Notification	\$215	\$215	\$215	

¹ These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(2)

² These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(1)

RECEIVED

MAR 17 2023

**ADEM
EDDS**

Total Fee Due:	\$5,400
Amount Submitted with Application:	\$5,400
Amount Received:	\$5,400
Amount to be Billed:	\$0
Amount Received:	
Date Received:	<u>MUR 3/20/23</u>
Amount to be Refunded:	<u>0</u>

Fee Schedule Prepared by: MCM Date: 3/17/23
 Fee Schedule Reviewed by: JV Date: 3/16/23 OK "95702"

DALE COUNTY COMMISSION

Vendor: 2686
ADEM

03/02/2023

95702

<u>Invoice Number</u>	<u>Invoice Date</u>	<u>PO Number</u>	<u>Account Number</u>	<u>Description</u>	<u>Invoice Amount</u>
Permit 23-06	02/27/2023	30535	512-54300-219	Dale County C/D Landfill	5,400.00

RECEIVED

MAR 17 2023

ADEM
EDDS

5,400.00

FEE SHEET FOR SOLID WASTE PERMITS

ADEM No.: 3632

Applicant: Dale County Commission

Location: Dale County C/D Landfill

Dale County, AL

Coordinates: 31.40243588, -85.58656024

Permit No.: 23-06

Date Application Received: 04/09/26

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
Municipal Solid Waste Landfill	\$83,880		\$37,270	
Minor Modification ¹		\$3,275		
Major Modification ²		\$32,615		
Construction/Demolition Landfill	\$7,145		\$5,400	
Minor Modification ¹		\$1,460		
Major Modification ²		\$2,915		
Industrial Landfill	\$12,670		\$8,150	
Minor Modification ¹		\$1,460		
Major Modification ²		\$4,375		
Compost Facility	\$4,860		\$3,670	
Minor Modification ¹		\$1,225		
Major Modification ²		\$1,945		
Environmental Covenants				
Engineering Controls	\$6,425	\$1,610		
Registry Fee for Class 1 Controls	\$13,705	\$635		
Registry Fee for Class 2 Controls	\$9,420	\$635		
Registry Fee for Class 3 Controls	\$5,245	\$635		

Additional Fees				
Geological Review:	\$4,865	\$3,275	\$3,275	
Greenfield Site:	\$1,610			
Public Hearing:	\$8,450	\$8,450	\$8,450	
Name Change/Transfer:		\$800		
Variance Request	\$1,460	\$1,460	\$1,460	\$1,460
Solid Waste Disposal Notification	\$215	\$215	\$215	

¹ These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(2)

² These are modifications as included in ADEM Admin. Code Rule 335-13-5-.06(1)

RECEIVED

APR 13 2026

ADEM
EDDS

Total Fee Due:	\$0
Amount Submitted with Application:	\$1,460
Amount Received:	\$1,460
Amount to be Billed:	\$0
Amount Received:	<i>gjm</i>
Date Received:	<i>04/13/2026</i>
Amount to be Refunded:	

Fee Schedule Prepared by: IGB

Date: 4/10/26 \emptyset

Fee Schedule Reviewed by: JX

Date: 4/14/26 CK "104988"

Southeast Environmental Compliance

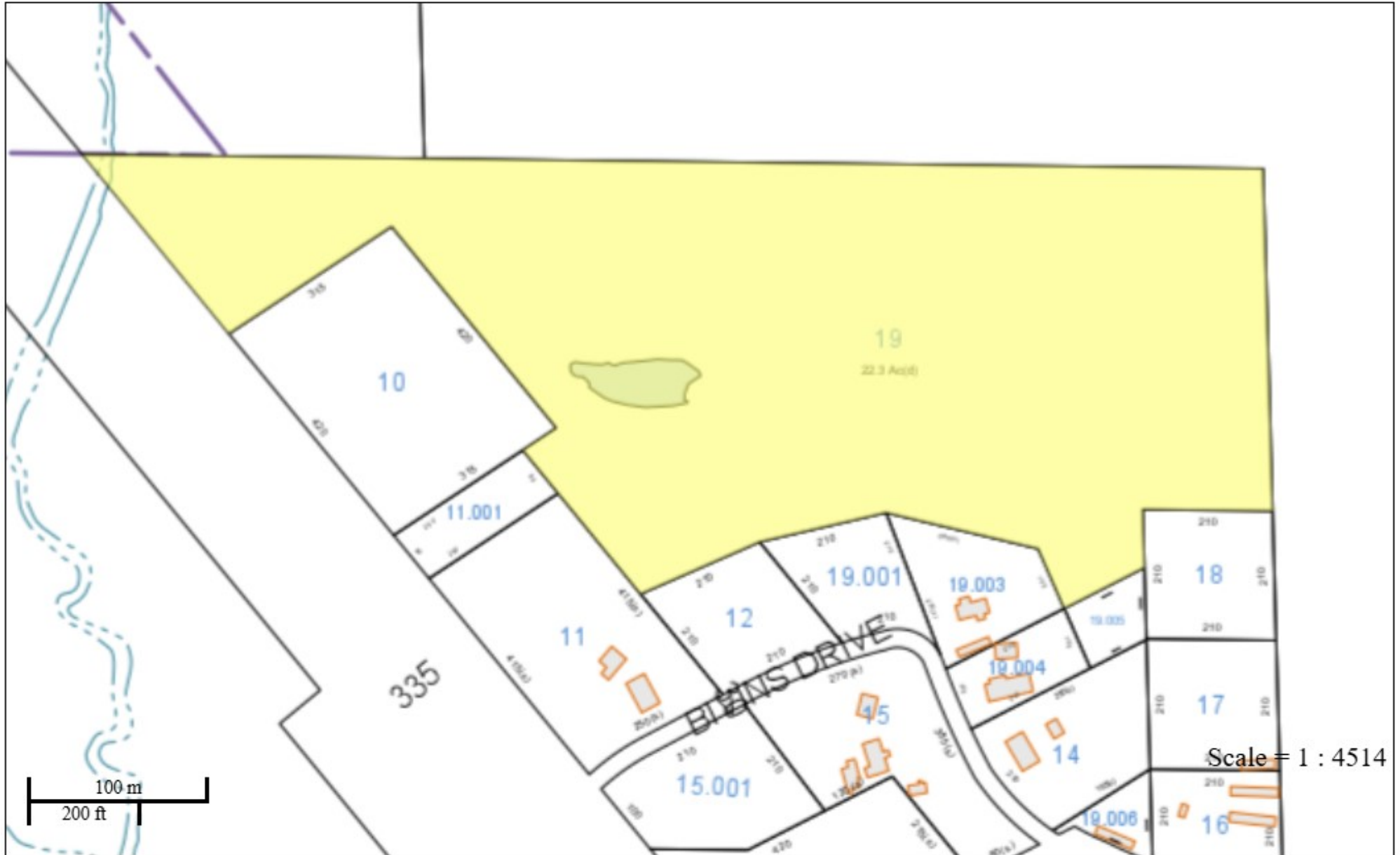
Dale County CD Landfill

Adjacent Property Owners Update May 27, 2026

Dale County CD Landfill, Dale County Commission, Parcel No. 26 11 06 13 0 001 019.000

LEGAL DESCRIPTION

BEGINNING AT THE ACCEPTED NORTHEAST CORNER OF THE NE 1/4 OF THE SW 1/4 OF SECTION 13, TOWNSHIP 5 NORTH, RANGE 24 EAST, DALE COUNTY, ALABAMA AND RUNNING THENCE SOUTH 85°11' 00" WEST ALONG THE SOUTHERN BOUNDARY LINE OF LANDS CONVEYED TO TERRY D. AND NINA V. WALLACE AS RECORDED IN DEED BOOK 162 PAGE 719 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE COUNTY, ALABAMA, A DISTANCE OF 571.50 FEET TO THE EAST RIGHT-OF-WAY LINE OF U.S. HIGHWAY 231; THENCE SOUTH 42°39' 06" EAST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 383.83 FEET TO A POINT; THENCE NORTH 47°20' 54" EAST ALONG THE NORTHERN BOUNDARY LINE OF LANDS CONVEYED TO ALTON J. NEWMAN AS RECORDED IN DEED BOOK 207 PAGE 513 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE COUNTY, ALABAMA, A DISTANCE OF 315.00 FEET TO A POINT; THENCE SOUTH 42°39' 06" EAST ALONG THE EASTERN BOUNDARY LINE OF SAID PROPERTY A DISTANCE OF 420.00 FEET TO A POINT; THENCE SOUTH 47°20' 54" WEST ALONG THE SOUTHERN BOUNDARY LINE OF SAID PROPERTY A DISTANCE OF 65.00 FEET TO A POINT; THENCE SOUTH 42°39' 06" EAST ALONG THE EASTERN BOUNDARY OF LANDS CONVEYED TO MONROE D. NEAL, JR. AS RECORDED IN DEED BOOK 10 PAGE 730 AND PAGE 732 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE COUNTY, ALABAMA, A DISTANCE OF 332.16 FEET TO A POINT; THENCE NORTH 61°45' 10" EAST ALONG THE NORTHERN BOUNDARY LINE OF LANDS CONVEYED TO MELVIN WHITE AS RECORDED IN DEED BOOK 57 PAGE 679 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE CO. ALABAMA, A DISTANCE OF 210.00 FEET TO A POINT; THENCE SOUTH 85°20' 00" EAST ALONG THE NORTHERN BOUNDARY LINE OF LANDS CONVEYED TO BETTY FRANKLIN AS RECORDED IN DEED BOOK 95 PAGE 287 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE COUNTY, ALABAMA, A DISTANCE OF 210.00 FEET TO A POINT; THENCE SOUTH 78°03' 15" EAST ALONG THE NORTHERN BOUNDARY LINE OF LANDS CONVEYED TO SARAH M. GAULDON AS RECORDED IN DEED BOOK 199 PAGE 13 IN THE OFFICE OF THE JUDGE OF PROBATE OF DALE COUNTY, ALABAMA, A DISTANCE OF 309.39 FEET TO A POINT; THENCE SOUTH 22°50' 26" EAST ALONG THE EASTERN BOUNDARY LINE OF



The designated area marked 335 on the map above is Alabama Highway 231.

Account Pin STR	90215395 : 20431 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 010.000		
Prop Addr:	HWY 231		
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	3.70ac		
Deed Bk,Pg,Date	254	00126	12-13-2007
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	NEWMAN JOSEPH M		
Address:	915 COUNTY ROAD 30		
City, State, ZIP:	OZARK, AL 36361		

Account Pin STR	90320990 : 20415 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 011.000		
Prop Addr:	000 US HWY 231		
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	2.30ac		
Deed Bk,Pg,Date	295	00563	10-16-2015
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	NEAL MONROE D III		
Name:	C/O MONROE D NEAL III		
Address:	234 LEE RD 2126		
City, State, ZIP:	SALEM, AL 36874		

Account Pin STR	9723 : 20558 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 011.001		
Prop Addr:			
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	0.50ac		
Deed Bk,Pg,Date	10	00730	10-26-1979
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	NEAL MONROE D JR & ETALS		
Name:	C/O MONROE D NEAL III		
Address:	234 LEE RD 2126		
City, State, ZIP:	SALEM, AL 36874		

Account Pin STR	14579 : 20303 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 012.000		
Prop Addr:			
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	0.00ac		
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Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	WHITE MELVIN		
Name:	C/O ANNYTRA BRYANT		
Address:	6895 CO RD 33		
City, State, ZIP:	SKIPPERVILLE, AL 36374		

Account Pin STR	90279030 : 28849 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 019.001		
Prop Addr:	135 BIVINS DR		
Tax Dist:	01 - County	Exempt:5	
Deed Acres:	1.00ac		
Deed Bk,Pg,Date	252	00502	08-17-2007
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	SMILEY DANNY ANTHONY		
Address:	135 BIVINS DR		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	90279030 : 29297 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 019.003		
Prop Addr:	135 BIVINS DR		
Tax Dist:	01 - County	Exempt:5	
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Deed Bk,Pg,Date	00000	01-11-1900	
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	SMILEY DANNY ANTHONY		
Address:	135 BIVINS DR		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	90279025 : 28753 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 019.004		
Prop Addr:	BIVINS DR		
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	0.50ac		
Deed Bk,Pg,Date	199	00015	05-15-1997
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	GAULDON SARAH M		
Address:	148 GRACE CT		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	90215400 : 20818 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 019.005		
Prop Addr:			
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	0.20ac		
Deed Bk,Pg,Date	253	00639	04-26-2007
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	WATKINS JULIUS		
Address:	103 E DOGWOOD DR		
City, State, ZIP:	ENTERPRISE, AL 36330		

Account Pin STR	90279010 : 15327 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 014.000		
Prop Addr:	179 BIVINS DR		
Tax Dist:	01 - County	Exempt:3	
Deed Acres:	1.00ac		
Deed Bk,Pg,Date	202	00559	04-10-1998
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	DURR MARY LUCY		
Address:	179 BIVINS DRIVE		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	5856 : 20484 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 018.000		
Prop Addr:			
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	0.00ac		
Deed Bk,Pg,Date	65	00181	09-28-1974
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	HARPER RUFUS D		
Address:	676 BIVINS DRIVE		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	90103980 : 20589 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 019.000		
Prop Addr:	U S HWY 231		
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	22.30ac		
Deed Bk,Pg,Date	234	00602	08-04-2004
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	DALE COUNTY COMMISSION		
Address:	202 HWY 123 SOUTH SUITE C		
City, State, ZIP:	OZARK, AL 36360		

Account Pin STR	50000478 : 9315 : 13-05N-24E		
Parcel No:	26 11 06 13 0 001 002.000		
Prop Addr:			
Tax Dist:	01 - County	Exempt:0	
Deed Acres:	160.00ac		
Deed Bk,Pg,Date	111	00028	01-07-1983
Subdivision:			
Neighborhood:	OZARK AREA		
Owner			
Name:	DALE COUNTY COMMISSION		
Address:	COURTHOUSE SQUARE		
City, State, ZIP:	OZARK, AL 36360		