

Mundell Environmental, LLC

1745 Mt. Carmel Road

Walterboro, SC 29488

Office: 843-538-4165

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May 28, 2001

Mr. Fred Veal
USACE Charleston - Regulatory
69-A Hagood Avenue
Charleston, SC 29403-5107

**RE: Request for Jurisdictional Verification
For Waters/72.7 Acres**

Dear Mr. Veal:

On behalf of my client, Ms. Julie A. Waters, Mundell Environmental, LLC is requesting a jurisdictional verification of a delineation made on a 72.7-acre site. The tract is located adjacent to and west of U.S. Highway 278, about ½ mile north of SSR 54 in Jasper County, South Carolina. Approximate coordinates for aerial interpretation are: Latitude: 32N23'50", Longitude: -80W54'45".

Enclosed please find a copies of the jurisdictional data compiled by Mundell Environmental, LLC according to the guidelines of the U.S. Army Corps of Engineers Delineation Manual (1987 version), which are included within a site description report.

Please contact me at your earliest convenience to discuss this project and to schedule any necessary field review meetings.

Sincerely,



Roy Mundell

Waters73werreq
(may01)

Contents

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Charleston District – Corps of Engineers – 69-A Hagood Avenue – Charleston, SC 29403-5107
REQUEST FOR WETLANDS DETERMINATION

Date: 03-26-2001

County: Jasper Total Acreage of Tract: 72.7 Acres

Project Name (if applicable): Waters/72 Acres

Property Owner
(name, address, phone)

Agent/Developer/Engineer
(name, address, phone)

Julie A. Waters

Mundell Environmental, LLC

6044 Vaux Road

1745 Mt. Carmel Road

Beaufort, SC 29906

Walterboro, SC 29488

843-538-4165 (O); 843-538-3404 (Fax)

Status of Project (check one):

☐ On-going site work for development purposes.

☒ Development in planning stages.

☐ No specific development planned at this time.

Project type – indicate the proposed use of the land in question or, if no specific work is planned at present, indicate the current zoning or land use at the site.

☐ Residential ☐ Commercial ☒ Mixed use (residential + commercial)

☐ Industrial ☐ Agriculture ☐ Public Works

☐ Silviculture ☐ Aquaculture ☐ Other _____

Information Required to Accompany Request – Check the items submitted – forward as much information as is available. At a minimum, the first two items must be forwarded.

☒ Accurate Location Map (from County Map, USGS Quad Sheet, etc.)

☐ Survey Plat or Tax Map of the property in question.

☒ Soil Survey Sheet (from SCS) or Aerial Photograph (from County Assessors Office or other source – property boundaries shown on the soil survey/photo would be very helpful).

☐ Topographic Survey.

☐ Conceptual Site Plan for the overall development.

Signature of Property Owner or Authorized Agent:

The person signing this form must have the authority of the owner to authorize Corps of Engineers employees or their agents to enter onto the property for onsite investigations if such is deemed necessary. Do not sign unless you have the specific authority of the owner.

Narrative Description of Waters/72.7 Acres

Location:

The 72.7-acre project site is located adjacent to and west of U.S. Highway 278/S.C. Highway 462 about ½ mile north of SSR 54 in Jasper County, South Carolina. An approximate location for aerial interpretation is: Latitude 32N23'50", Longitude – 80W54'45".

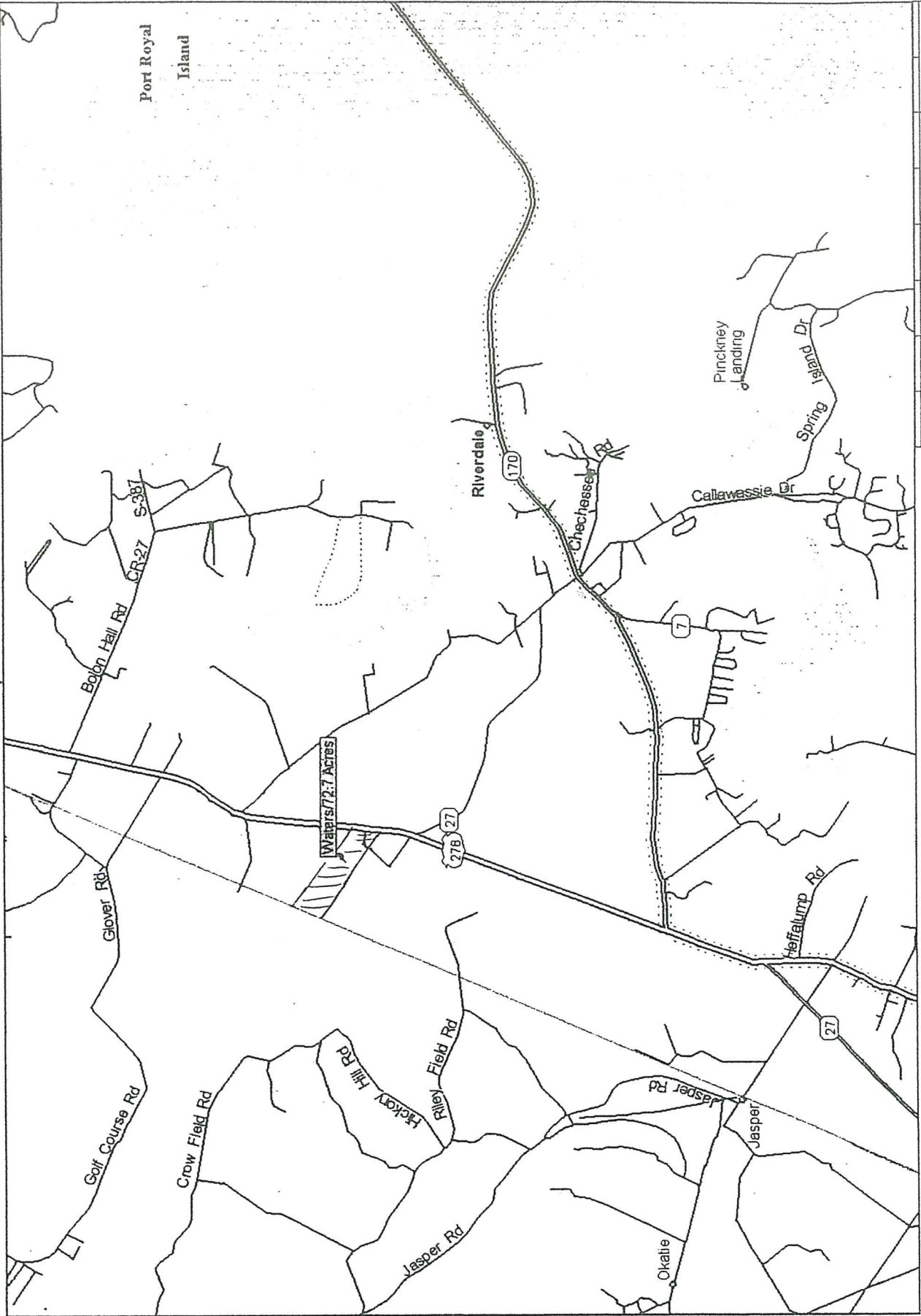
Conditions:

The site was investigated during the week of May 21, 2001. Conditions were clear, hot, and humid. The site was investigated during a prolonged dry period. The soils in most wetland areas were dry in the first 12". Soil samplings were moistened prior to assessment. Soil color, texture and secondary indicators were assessed as a primary factor, with available vegetation observed as a secondary indicator.

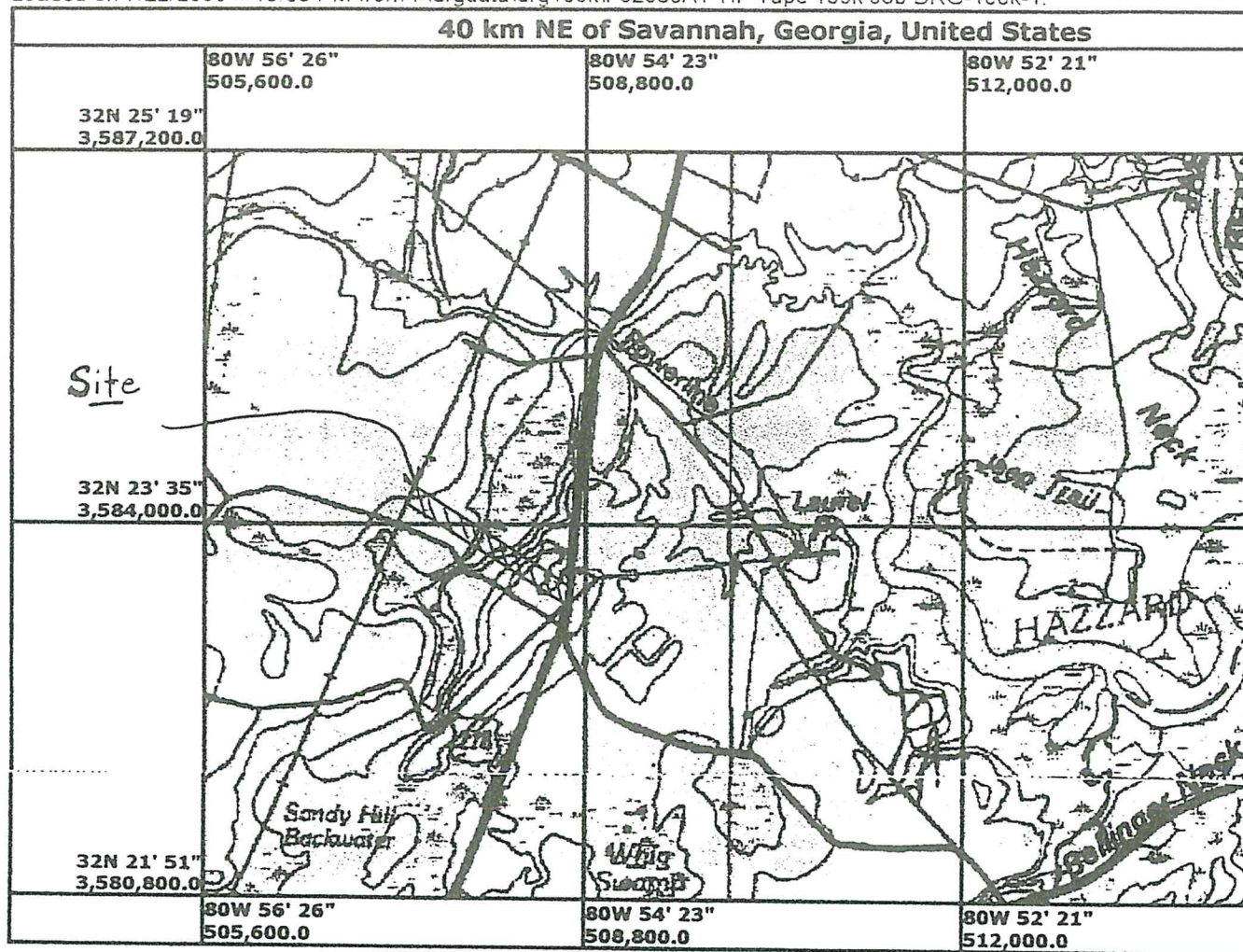
Overview of Site:

The project site is trapezoidal in configuration, with about 800 feet of frontage along U.S. Highway 278. The site extends westward some 4,000 feet to the right-of-way of an abandoned railroad bed. The highest topography on site appears to be along the highway, which slopes into a wetland area (A-B-C-D-E) that transects the tract in a north/south direction. Areas within the hill, as well as along the historic wetland have been shallowly excavated for fill materials. Disturbed areas on the hill did not exhibit wetland characteristics and were not delineated. Disturbed areas adjacent to the historic wetland exhibit wetland characteristics and were included in the delineation as jurisdictional. The topography of the site westward of the A-B-C-D-E wetland is generally flat, with soils that exhibit heavier texture than those near Highway 278. A narrow, cypress bottom, wetland extends across the tract, about 3,000 feet west of Highway 278. This wetland is bounded to the east by a major functional ditch that has apparently been in place for many years. The western boundary has been delineated as G1-G18. Wetland H lies along the western-most boundary and appears to continue off-site to the north. A portion of a larger system lies along Highway 278 and was delineated as wetland J. Two areas were delineated as completely isolated wetlands within the project boundaries. Non-jurisdictional wetland I is located just east of wetland H. Non-jurisdictional wetland F is located just west of wetland A-B-C-D-E. Jurisdictional wetlands extend beyond the site boundaries and appear to be connected systems.

Waters/72.7 Acres



The original map projection is UTM Zone 17 NAD 27, scale 1:100000 and covers 10.16 meters per
 USGS Digital Raster Graphic image below is projected in UTM Zone 17 NAD 83 datum.
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USGS QUADRANGLE MAP

Jasper County, South Carolina

Approximate Coordinates:

Latitude: 32N23'50"

Longitude: -80W54'45"

Activity: Wetlands Delineation

At: Waters/73 Acres

Applicant: Julie A. Waters

Agent: Mundell Environmental, LLC

Date: May 28, 2001

File #:

Site



AERIAL PHOTOGRAPH

Jasper County, South Carolina

Approximate Coordinates:

Latitude: 32N23'50"

Longitude: -80W54'45"

Activity: Wetlands Delineation

At: Waters/73 Acres

Applicant: Julie A. Waters

Agent: Mundell Environmental, LLC

Date: May 28, 2001

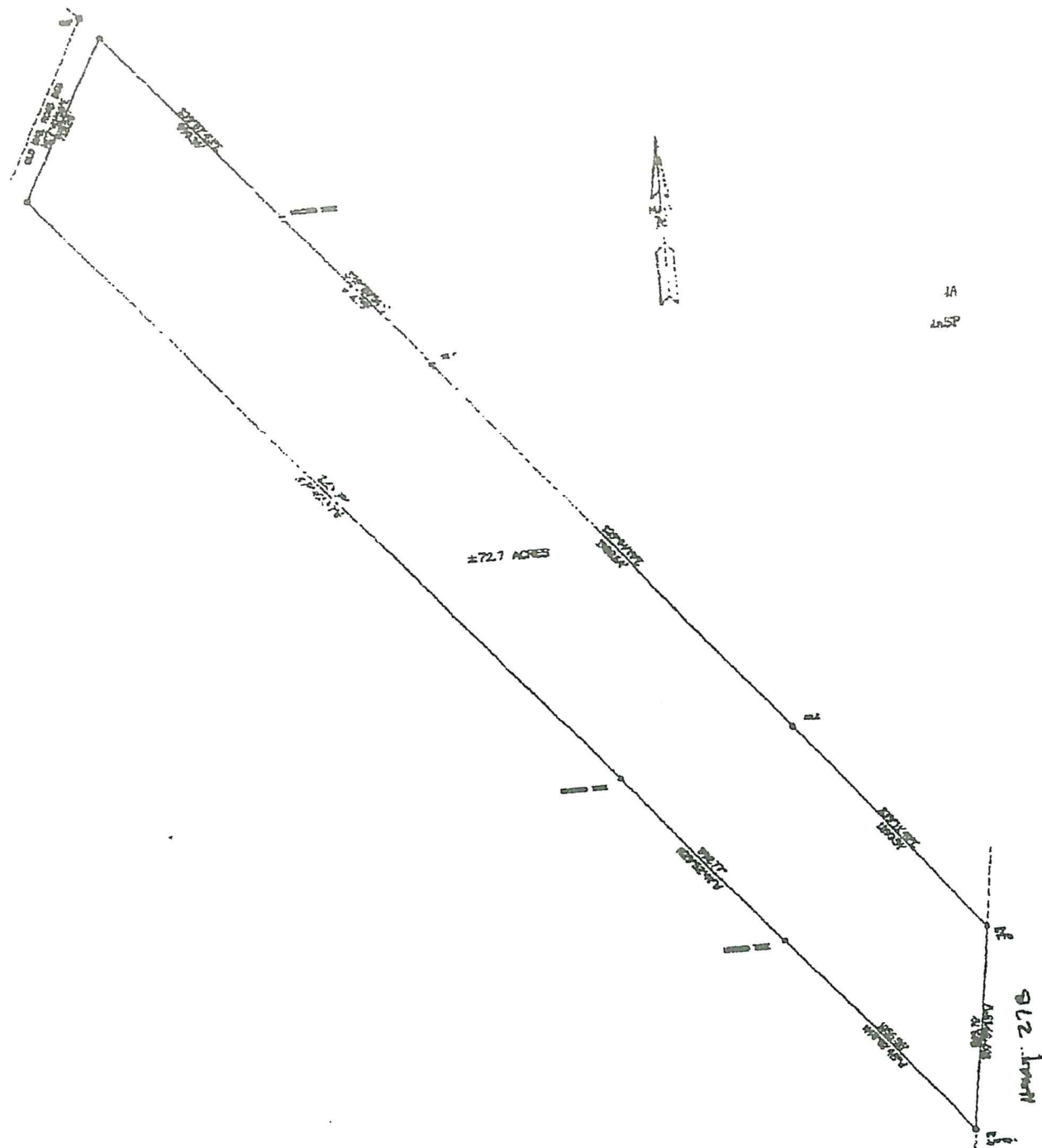
File #:



USDA SCS SOILS MAP
Jasper County, South Carolina

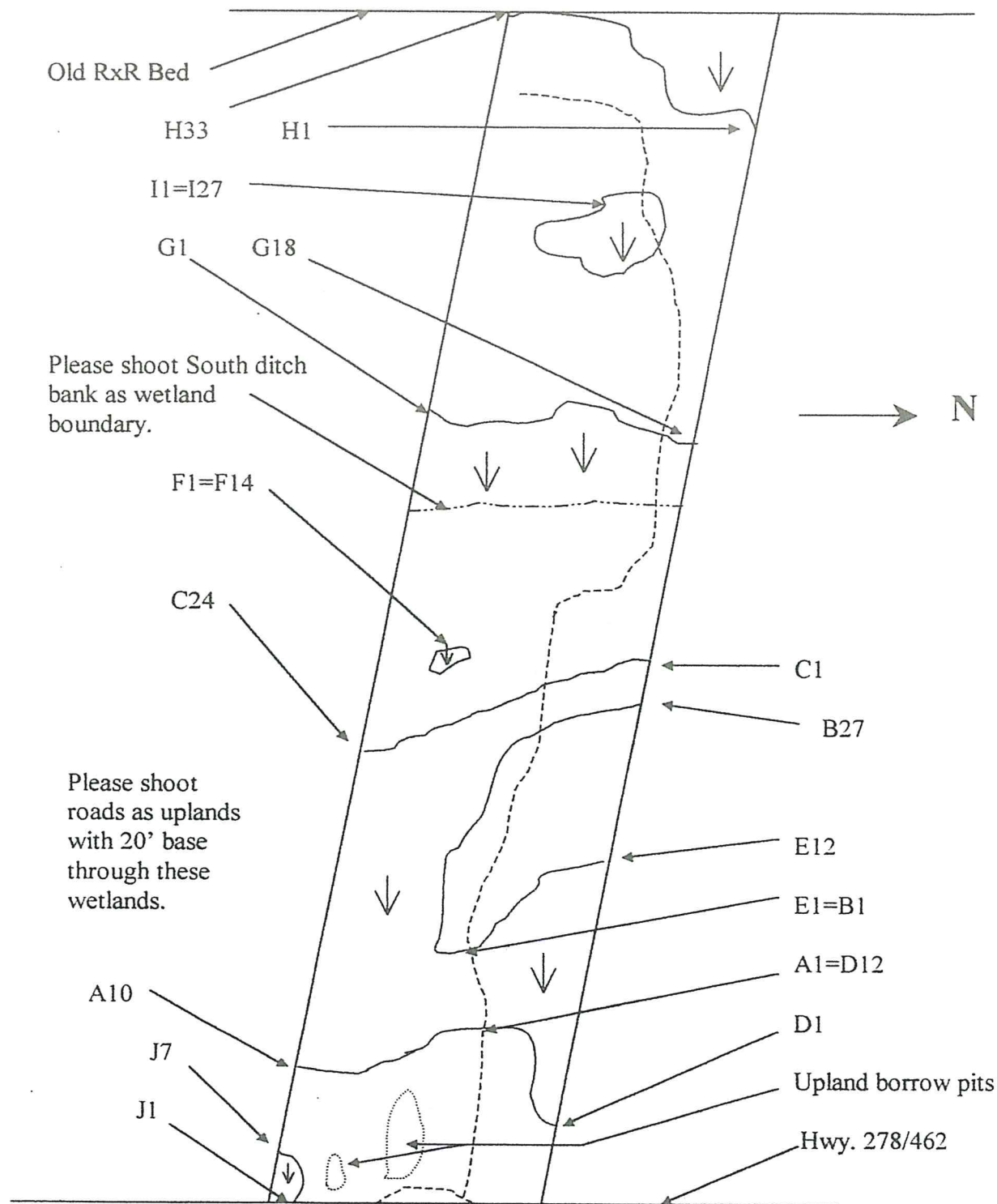
Sheets: 54 & 64

Activity: Wetlands Delineation
At: Waters/73 Acres
Applicant: Julie A. Waters
Agent: Mundell Environmental, LLC
Date: May 28, 2001
File #:



BOUNDARY
Jasper County, South Carolina
Approximate Coordinates:
Latitude: 32N23'50"
Longitude: -80W54'45"

Activity: Wetlands Delineation
At: Waters/73 Acres
Applicant: Julie A. Waters
Agent: Mundell Environmental, LLC
Date: May 28, 2001
File #:



PRELIMINARY WETLAND SKETCH N.T.S.

This delineation has not been approved by the Corps of Engineers (CE). Flags are subject to change until field approved by CE.

Activity: Jurisdictional Wetlands Delineation
At: Waters/73 Acres
Applicant: Julie Waters – Waters Plumbing
Agent: Mundell Environmental, LLC
Date: May 25, 2001
File #: