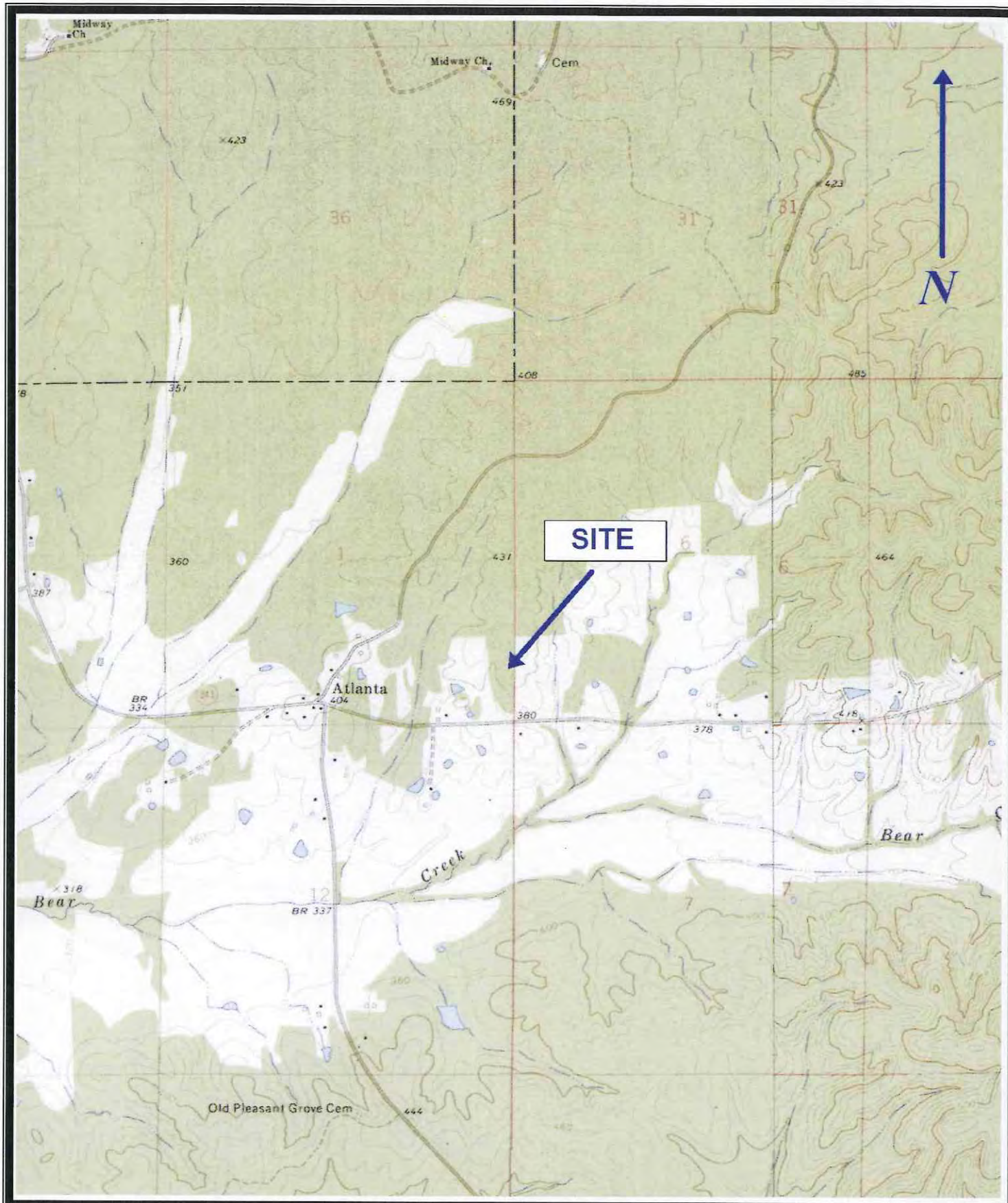
Figures

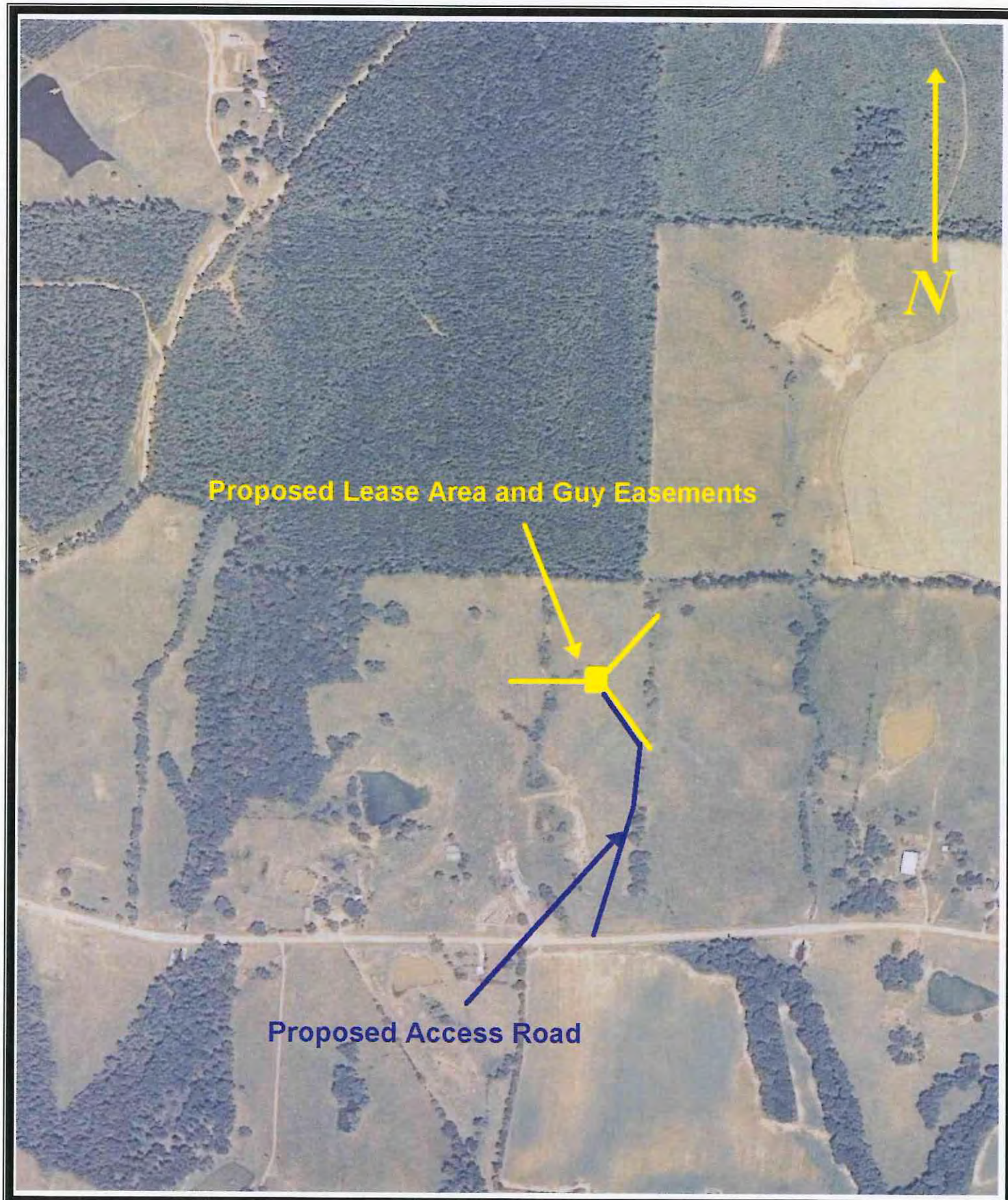


Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Project No.: JSE01P0919

Figure 1
Site Location Map

Scale: 1" = 2,000'



Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20509 B Woodland Communications Tower Woodland, Chickasaw County, Mississippi Project No.: JSE01P0919	Figure 2 2007 Aerial Photograph Scale: 1" = 500'

View from the center of the site toward the north.

View from the center of the site toward the east.

Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20509 B Woodland Communications Tower Woodland, Chickasaw County, Mississippi Project No.: JSE01P0919	Figure 3 Site Photographs

View from the center of the site toward the south.

View from the center of the site toward the west.

Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20509 B Woodland Communications Tower Woodland, Chickasaw County, Mississippi Project No.: JSE01P0919	Figure 4 Site Photographs

View of the proposed site access road. View is towards the north.

View of the proposed northeastern guy anchor easement looking toward the site.

Environmental Engineers, Inc.

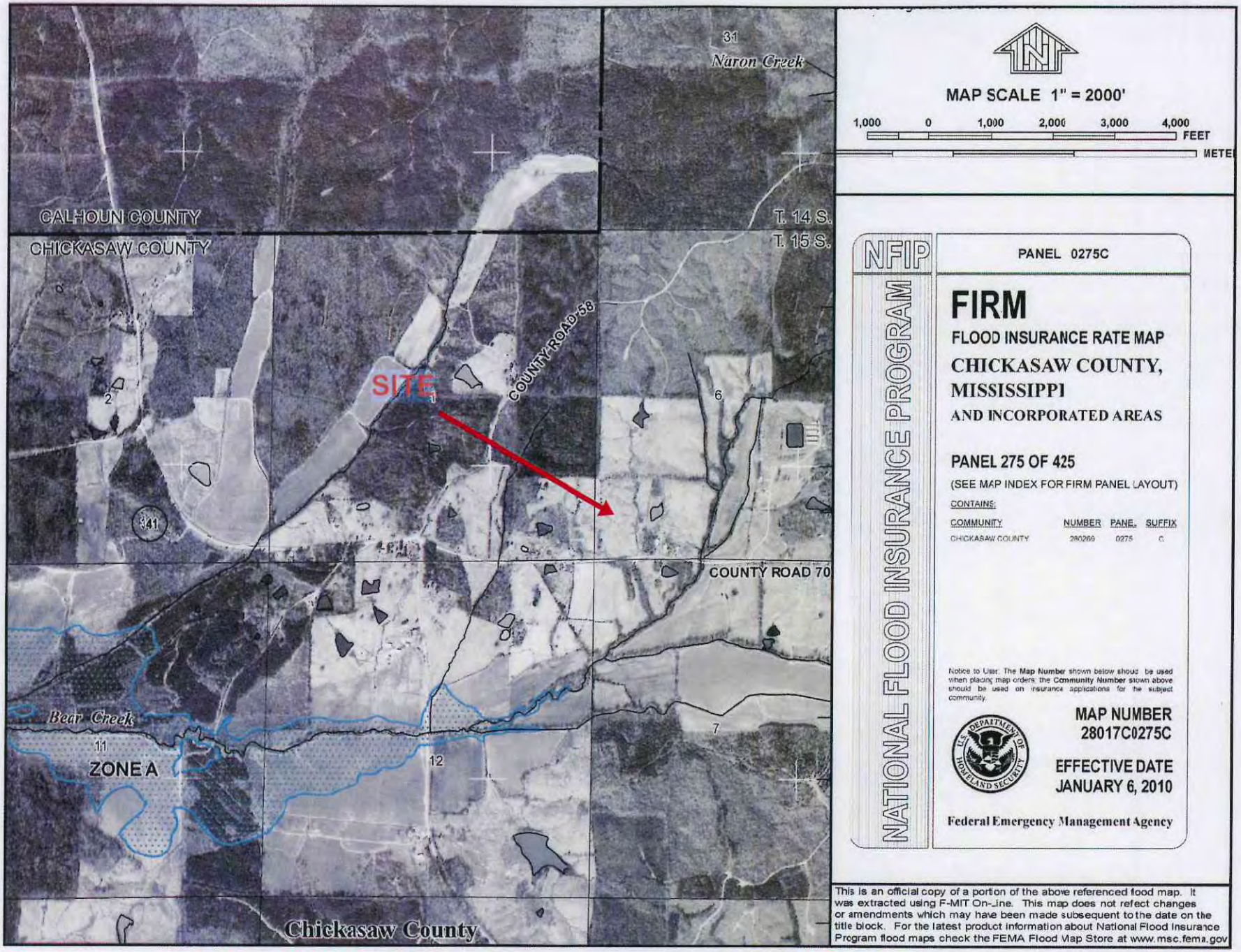
Subject: Draft Environmental Assessment Proposed MSWIN 20509 B Woodland Communications Tower Woodland, Chickasaw County, Mississippi Project No.: JSE01P0919	Figure 5 Site Photographs

View along the southeastern guy anchor easement looking toward the site.

View along the western guy anchor easement looking toward the site.

Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20509 B Woodland Communications Tower Woodland, Chickasaw County, Mississippi Project No.: JSE01P0919	Figure 6 Site Photographs

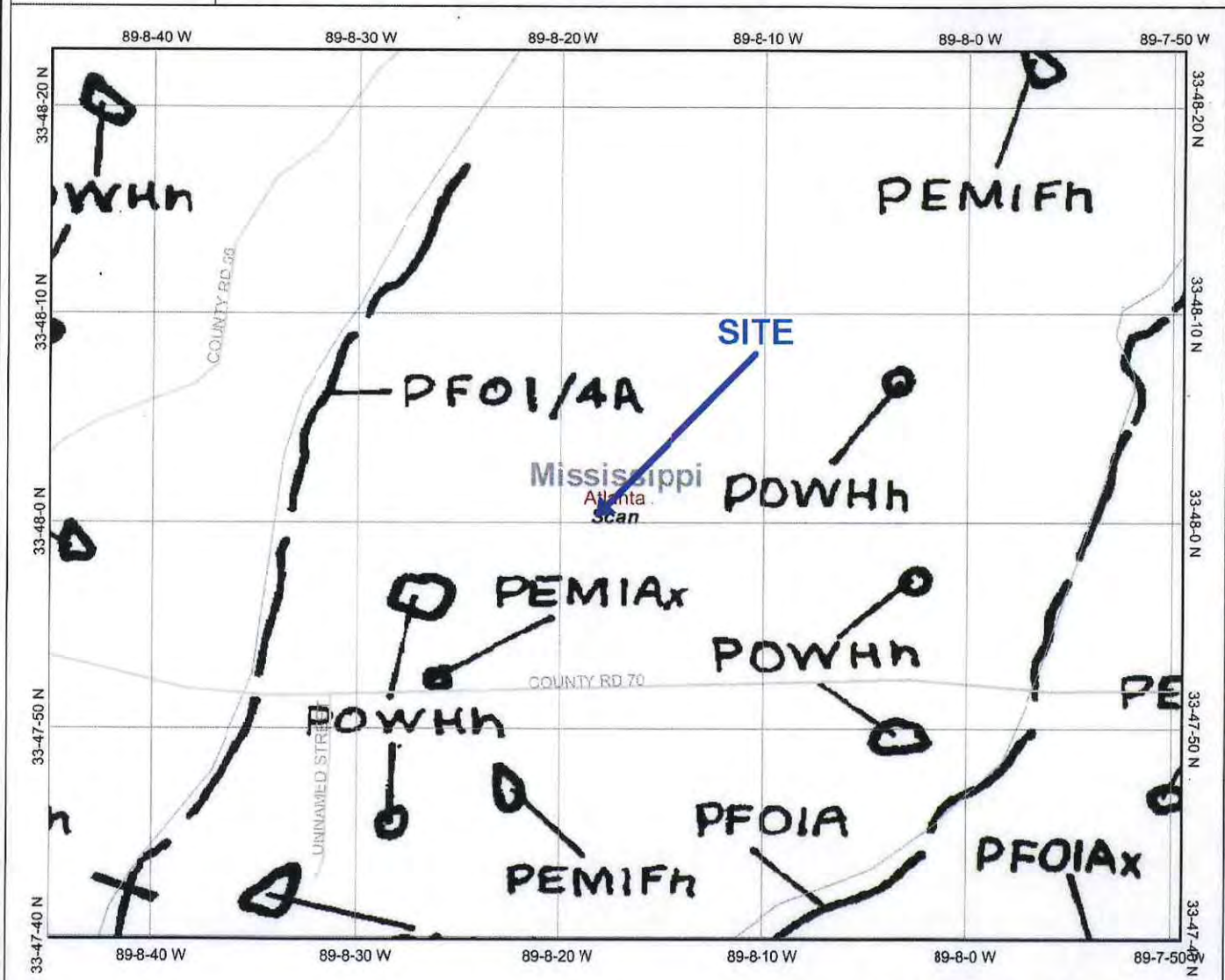


Flood Insurance Rate Map - MSWIN 20509 Woodland

JSE01P0919

Figure 7

MSWIN 20509 B Woodland Tower



Map center: 33° 48' 1" N, 89° 8' 17" W

Legend

Ohio_wet_scan
- 0
- 1
- Out of range

Interstate
Major Roads
Other Road
Interstate
State highway
US highway
Roads
Cities
USGS Quad Index 24K
Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan

NHD Streams
Counties 100K
States 100K
South America
North America

Scale: 1:9,265

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

NWI Map - MSWIN 20509 B Woodland

JSE01P0919

Figure 8

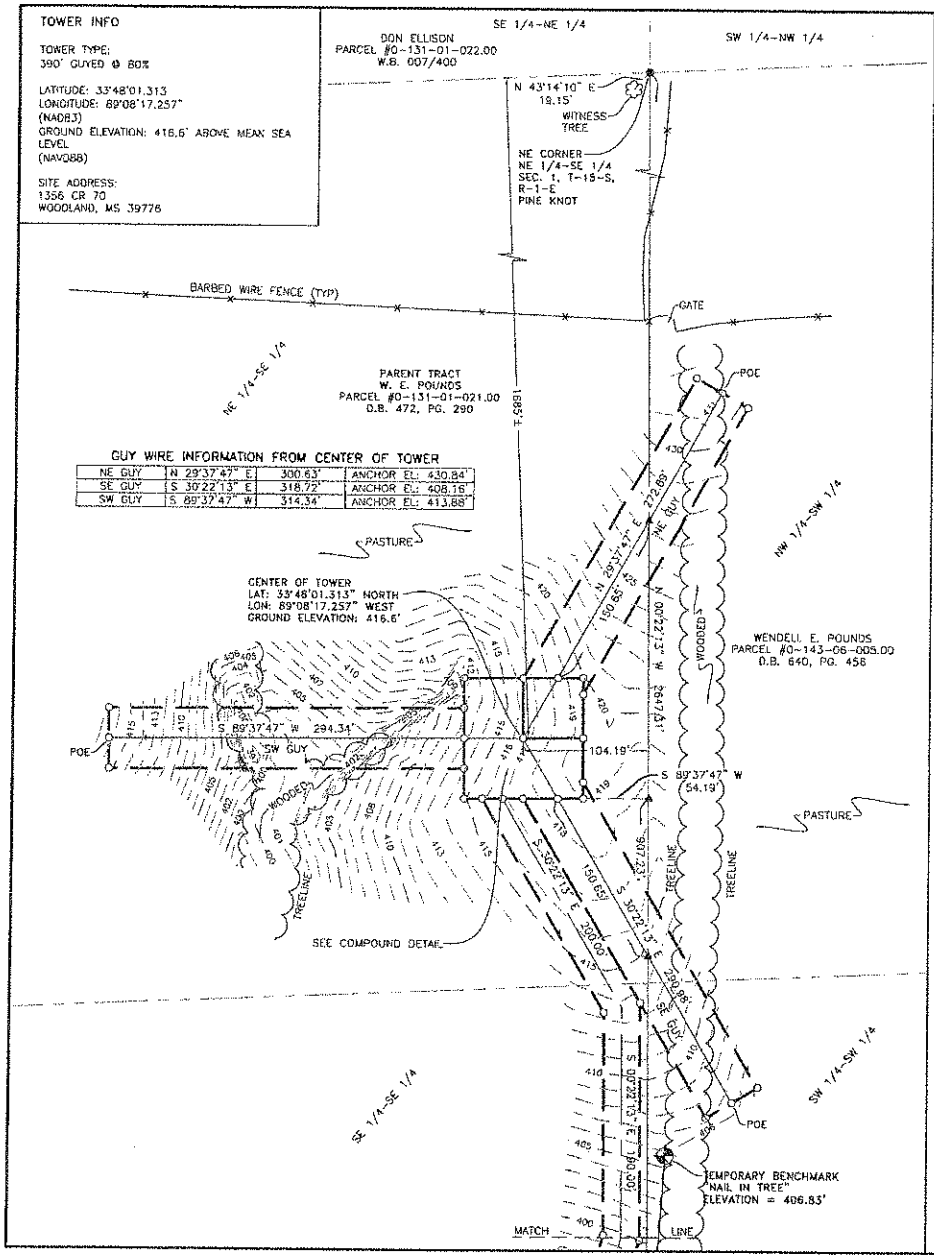
Appendix A

TOWER INFO

TOWER TYPE:
390' GUYED @ 80%

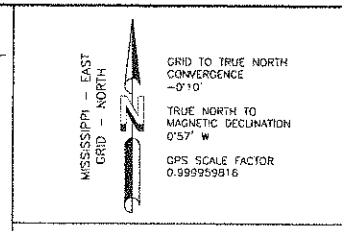
LATITUDE: 33°48'01.313
LONGITUDE: 89°08'17.257"
(NAD83)
GROUND ELEVATION: 416.6' ABOVE MEAN SEA LEVEL
(NAVD88)

SITE ADDRESS:
1356 CR 70
WOODLAND, MS 39776

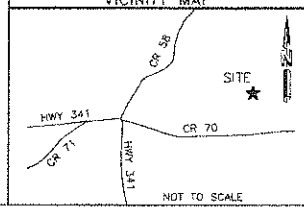


GUY WIRE INFORMATION FROM CENTER OF TOWER

NE GUY	N 29°37'47" E	300.63'	ANCHOR EL: 430.84'
SE GUY	S 30°22'13" E	318.72'	ANCHOR EL: 408.16'
SW GUY	S 89°37'47" W	314.34'	ANCHOR EL: 413.88'



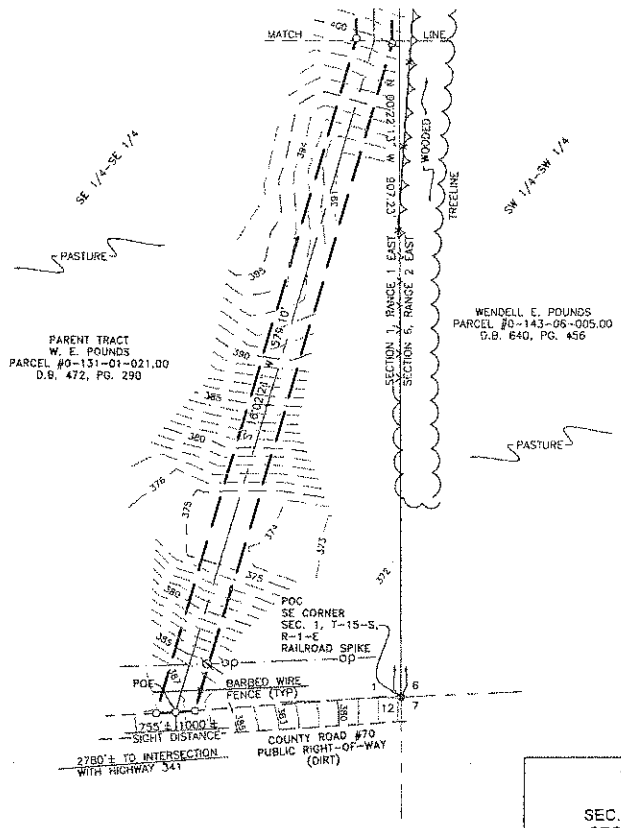
VICINITY MAP



0 100' 200'
SCALE: 1" = 100'

LEGEND

- ○ = 5/8" CAPPED REBAR SET (SMW LS 02859)
- ● = FOUND PROPERTY MARKER
- □ = SET PK NAIL
- POB = POINT OF BEGINNING
- POC = POINT OF COMMENCEMENT
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- (R) = RECORDED INFORMATION
- ⊘ = POWER POLE
- ⊥ = GUY ANCHOR
- ⊡ = POWER BOX
- ⊡ = TELEPHONE PEDESTAL
- ——ROW—— = RIGHT-OF-WAY
- ——op—— = OVERHEAD POWER



WOODLANDS
20509-B
SEC. 1, T-15-S, R-1-E &
SEC. 6, T-15-S, R-2-E
CHICKASAW COUNTY, MISSISSIPPI

NO.	REVISION	DATE	BY

PROJECT NO.
09-0538

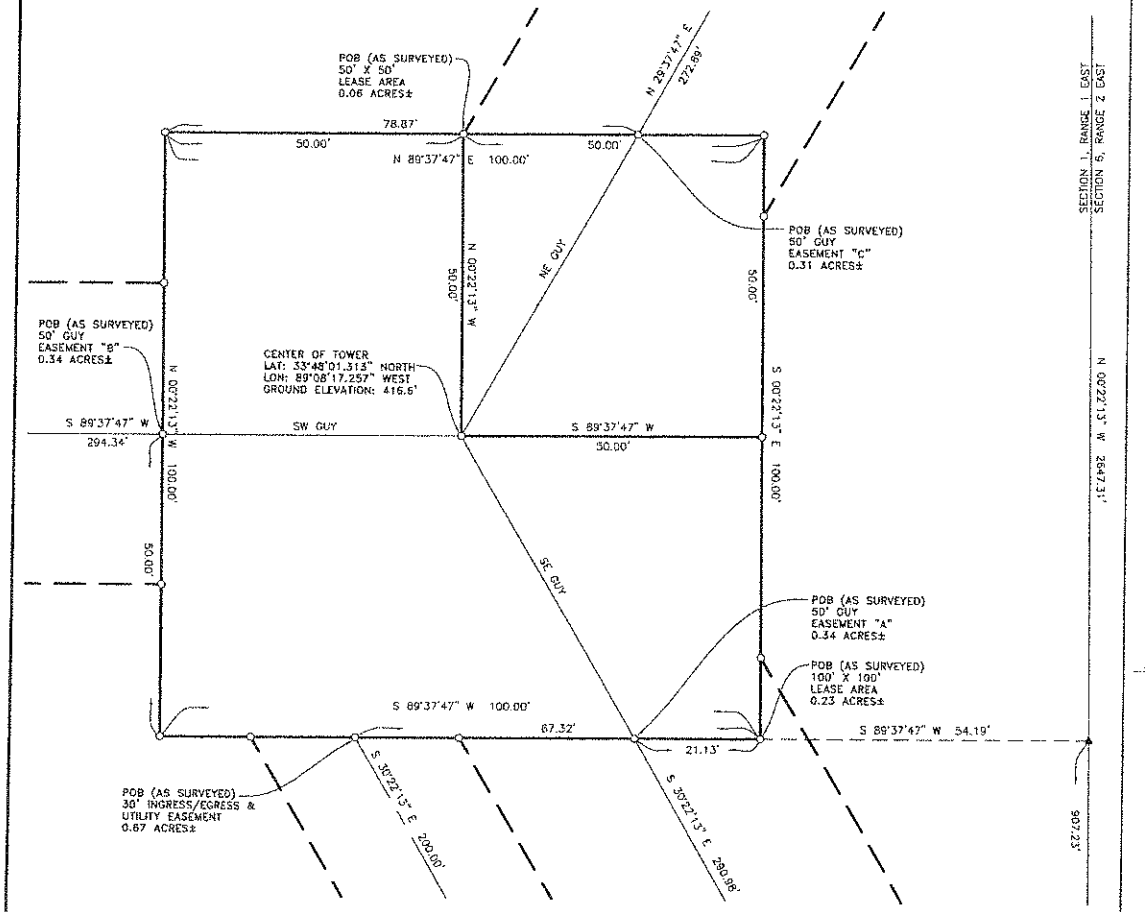
DRAWN BY: KEL
CHECKED BY: AAK
FIELD CREW: JP
APPROVED BY: WHS
DATE: 09/09/08
SCALE: 1" = 100'
SHEET 1 OF 3

FOR: RAWLAND TOWER SURVEY
ENVIRONMENTAL ENGINEERS
11578 U.S. HIGHWAY 411
DOERNVILLE, AL 35120

SMW Engineering Group, Inc.
1550 Woods of Riverchase Drive
Suite 100
Hoover, Alabama 35244
Ph: 205-252-6985
www.smweng.com
SMW ENGINEERING GROUP, INC.

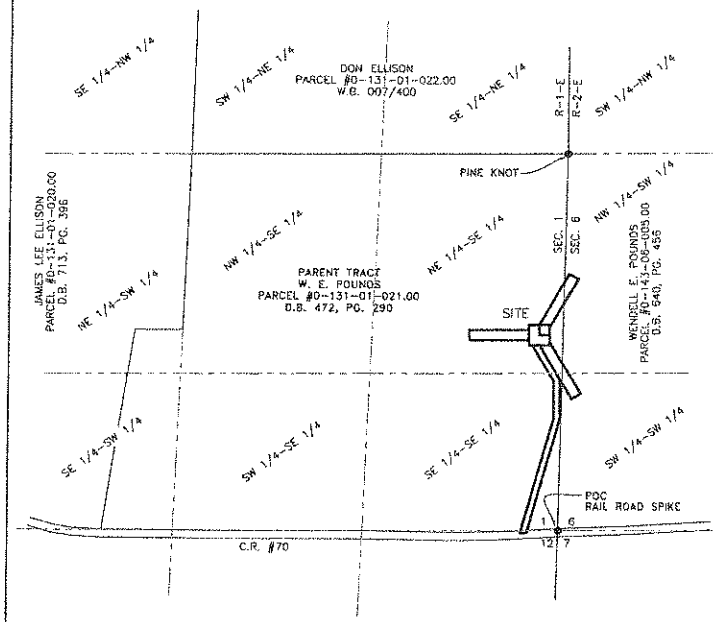
COMPOUND DETAIL

SCALE: 1" = 20'



PARENT TRACT OVERVIEW

NOT TO SCALE



WOODLANDS
20509-B
SEC. 1, T-15-S, R-1-E &
SEC. 6, T-15-S, R-2-E
CHICKASAW COUNTY, MISSISSIPPI

NO.	REVISION	DATE	BY

PROJECT NO.
09-0538

DRAWN BY: KEL
CHECKED BY: AAK
FIELD CREW: JP
APPROVED BY: WHS
DATE: 09/09/09
SCALE: AS SHOWN
SHEET 2 OF 3

FOR:
RAWLAND TOWER SURVEY
ENVIRONMENTAL ENGINEERS
11578 U.S. HIGHWAY 411
ODENVILLE, AL 35120

SMW Engineering Group, Inc.
1550 Woods of Riverchase Drive
Suite 100
Hoover, Alabama 35244
Ph: 205-252-6985
www.smweng.com

PARENT TRACT LEGAL DESCRIPTION (DEED BOOK 472 AT PAGE 290)

TOWNSHIP 15 SOUTH, RANGE 1 EAST.

Section 1: Forty Five (45) acres of the end of S 1/2 of SE 1/4

100' X 100' LEASE AREA (AS SURVEYED)

A parcel of land being a portion of that certain tract of land as described in Deed Book 472 at Page 290, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859) and the Point of Beginning; thence continue S 89°37'47" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 00°22'13" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 89°37'47" E a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence S 00°22'13" E a distance of 100.00 feet to the Point of Beginning. The above described parcel of land contains 0.23 acres, more or less.

50' X 50' LEASE AREA (AS SURVEYED)

A parcel of land being a portion of that certain tract of land as described in Deed Book 472 at Page 290, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859); thence continue S 89°37'47" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 00°22'13" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 89°37'47" E a distance of 50.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 89°37'47" E a distance of 50.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence S 00°22'13" E a distance of 50.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence S 89°37'47" W a distance of 50.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 00°22'13" W a distance of 50.00 feet to the Point of Beginning. The above described parcel of land contains 0.05 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT (AS SURVEYED)

An easement being a portion of that certain tract of land as described in Deed Book 472 at Page 290, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859); thence continue S 89°37'47" W a distance of 87.32 feet to a 5/8" capped rebar set (SMW LS 02859) and the Point of Beginning of an Ingress/Egress and Utility Easement being 30 feet in width and lying 15 feet on each side of the following described centerline; thence S 30°22'13" E a distance of 200.00 feet to a point; thence S 00°22'13" E a distance of 190.00 feet to a point; thence S 16°02'21" W a distance of 579.10 feet to the Point of Ending lying on the Northerly edge of dirt of County Road No. 70. The bounds of said described easement to adjoin lease area contiguously, and contain 0.67 acres, more or less.

Less and Except any and all Right-of-Way over and across said easement

50' GUY ANCHOR EASEMENT "A" (AS SURVEYED)

An easement being a portion of that certain tract of land as described in Deed Book 472 at Page 290 and Deed Book 640, Page 456, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and Section 6, Township 15 South, Range 2 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859); thence continue S 89°37'47" W a distance of 21.13 feet to a 5/8" capped rebar set (SMW LS 02859) and the Point of Beginning of a Guy Easement being 50 feet in width and lying 25 feet on each side of the following described centerline; thence S 30°22'13" E a distance of 290.98 feet to the Point of Ending. The bounds of said described easement to adjoin lease area contiguously and contain 0.34 acres, more or less.

50' GUY ANCHOR EASEMENT "B" (AS SURVEYED)

An easement being a portion of that certain tract of land as described in Deed Book 472 at Page 290, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859); thence continue S 89°37'47" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 00°22'13" W a distance of 50.00 feet to a 5/8" capped rebar set (SMW LS 02859) and the Point of Beginning of a Guy Easement being 50 feet in width and lying 25 feet on each side of the following described centerline; thence S 89°37'47" W a distance of 294.34 feet to the Point of Ending. The bounds of said described easement to adjoin lease area contiguously and contain 0.34 acres, more or less.

50' GUY ANCHOR EASEMENT "C" (AS SURVEYED)

An easement being a portion of that certain tract of land as described in Deed Book 472 at Page 290 and Deed Book 640, Page 456, as recorded in the Office of the Chancery Clerk for Chickasaw County, Mississippi, lying in Section 1, Township 15 South, Range 1 East and Section 6, Township 15 South, Range 2 East and being more particularly described as follows:

Commence at a railroad spike found in place at the Southeast corner of Section 1, Township 15 South, Range 1 East lying in the edge of a dirt road known as County Road No. 70; thence run N 00°22'13" W along the East line of the Southeast quarter of Section 1 a distance of 907.23 feet to a point; thence S 89°37'47" W and leaving said quarter line a distance of 54.19 feet to a 5/8" capped rebar set (SMW LS 02859); thence continue S 89°37'47" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 00°22'13" W a distance of 100.00 feet to a 5/8" capped rebar set (SMW LS 02859); thence N 89°37'47" E a distance of 78.87 feet to a 5/8" capped rebar set (SMW LS 02859) and the Point of Beginning of a Guy Easement being 50 feet in width and lying 25 feet on each side of the following described centerline; thence N 29°37'47" E a distance of 272.89 feet to the Point of Ending. The bounds of said described easement to adjoin lease area contiguously and contain 0.31 acres, more or less.

SURVEYOR'S NOTES

1. This is a Rowland Tower Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field survey is August 31, 2009.
2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectorless and Hiper + Legacy E RTK, GD 1HZ.
3. Bearings are based on Mississippi East State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a concrete monument and brass disc. NAVD 88 Datum with an established elevation of 324 feet. (98.7 meters), PID AJ7804. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rowland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted without the benefit of an Abstract Title search.
9. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 15 feet horizontally and to within +/- 3 feet vertically (FAA Accuracy Code 1A).
10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.
11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1':15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
12. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.
13. This survey does not constitute a complete boundary survey of the Parent Tract.
14. No zoning regulations required per clients SCIP package.

SURVEYOR'S CERTIFICATE

I, William H. Sommerville, III, DO HEREBY CERTIFY TO Federal Aviation Administration, Stewart Title Guaranty Company, The State of Mississippi and Towers of Mississippi, LLC, that this survey was made on the ground under my personal supervision and that this plat is a true, correct, and accurate representation of the facts as found at the time of the survey, and more specifically, I so hereby certify that the survey conforms to the conditions and stipulations as checked (X) below.

(x) 1. The boundary lines and dimensions of the Lease Parcel and Access and Utilities Easements ("Easement") indicated hereon is correct.

(x) 2. To the extent the Lease Parcel and Easement indicated hereon is part of a parent parcel, such Lease Parcel and Easement are located within the boundaries of the record title legal description of such parent parcel. The location of said Lease Parcel and Easement relative to an approximation of the location of the boundaries of the parent tract is illustrated on the insert shown hereon.

(x) 3. Capped iron pins are set at each Lease Parcel corner unless otherwise indicated hereon.

(x) 4. The distance from the nearest intersecting public street or road is as shown hereon.

(x) 5. Correctly shows the location and dimension of all alleys, streets, road, rights-of-way, easement and other matters of record which the surveyor has been advised affects the Lease Parcel and Easement (each has been identified by instrument volume and page number if available).

(x) 6. Except as shown, there are no visible easements, rights-of-way, party walls or conflicts affecting the Lease Parcel and Easement; further, this survey is not subject to any easements or rights-of-way not visible on the ground.

(x) 7. The location of all buildings, structures and other improvements of visible items affecting the Lease Parcel and Easement, if shown, are as indicated hereon. The location of all other buildings, structures and other improvements of visible items on the parent tract, if shown hereon, are approximate in nature, except that the Lease Parcel and Easement are entirely located within the boundaries of the parent parcel, as shown on the inset.

(x) 8. Except as shown, there are no visible protrusions on adjoining premises, streets or alleys by any building, structure or other improvements situated on the Lease Parcel and Easement.

(x) 9. Except as shown, there are no visible encroachments onto the Lease Parcel and Easement by any building, structure or other improvements situated on adjoining premises.

(x) 10. By graphic plotting only, the subject property lies in Zone "C" of the Flood Insurance Rate Map Community Panel No. 28025B0003A, which bears an effective date of June 3, 1977, converted by letter effective September 1, 2008 and IS NOT in a special flood hazard area.

(x) 11. Correctly describes and shows the location of all public streets and roads visibly providing access to and from the subject property, and correctly sets forth the municipal address of the subject property.

(x) 12. Correctly depicts the latitudinal and longitudinal coordinates of the tower(s) location(s), to the nearest tenth of a second, the elevation above mean sea level of the base and tip of each tower, plus or minus 20 feet, the elevation of the tip of each tower as measured from ground level, and additionally, the elevation of the tip of the highest appurtenance on the tower as measured from ground level, if such appurtenance is higher in elevation than the highest point of the tower structure itself, to the nearest foot, on the survey drawing and on a separate 8 1/2 X 11 certified letterhead.

(x) 13. Survey of the Lease Parcel and Easement meets or exceeds the minimum technical standards for Land Boundary surveys set forth by Mississippi State Law.

(x) 14. If the survey is developed electronically (CAD File), it is essential that a disk be provided/sent with the survey.

_____
William H. Sommerville, III
Mississippi License No. 02859

WOODLANDS
20509-B
SEC. 1, T-15-S, R-1-E &
SEC. 6, T-15-S, R-2-E
CHICKASAW COUNTY, MISSISSIPPI

NO.	REVISION	DATE	BY

PROJECT NO. 09-0538

DRAWN BY: KCL
CHECKED BY: AAK
FIELD CREW: JP
APPROVED BY: WHS
DATE: 10/09/09
SCALE: NONE
SHEET 3 OF 3

FOR: RAWLAND TOWER SURVEY

ENVIRONMENTAL ENGINEERS
11578 U.S. HIGHWAY 411
GADSDEN, AL 35170

SMW Engineering Group, Inc.
1560 Woods of Riverchase Drive
Suite 100
Hoover, Alabama 35244
Ph: 205-252-6995
www.smweng.com

Appendix B

Home > Maps, Data, and Images > Maps > GIS Map

U.S. National Wilderness Preservation System Map

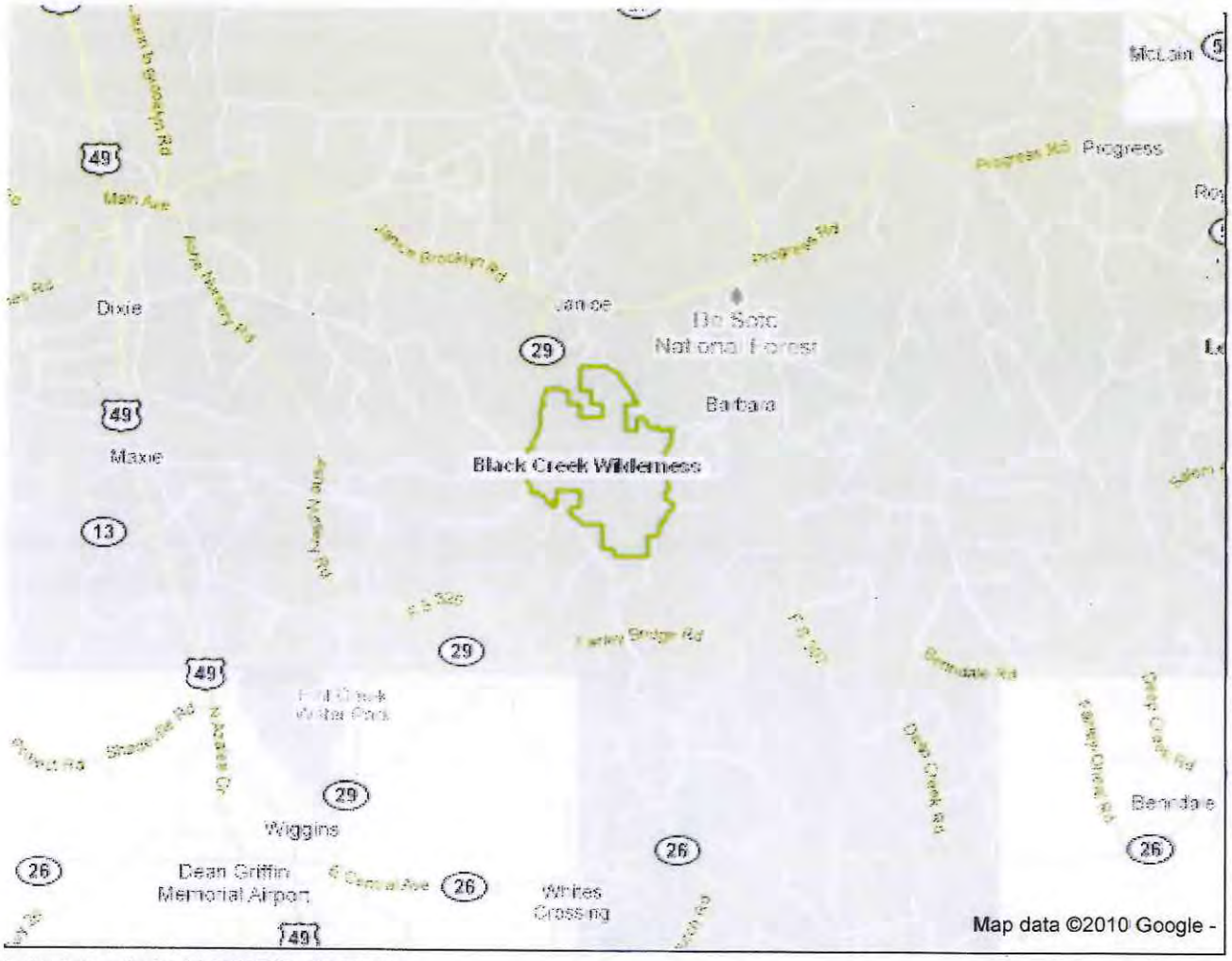
Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to give us feedback on our map?

Print/View/Download: ----------

Zoom: U.S. State ----- Wilderness ----------

On/Off: Wilderness Names

Key: BLM FWS FS NPS



Latitude/longitude: 31.0299897, -89.021530

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital

geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas are now pictured on Wilderness.net's maps. You can also view a list of all areas affected by Public Law 111-11 with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. Read about the history of wilderness mapping.

Feedback Analytics

Black Creek Wilderness Fact Sheet

General

The United States Congress designated the Black Creek Wilderness in 1984 and it now has a total of 5,052 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

The Black Creek Wilderness is located in the gulf coastal plains of southern Mississippi. Most of this Wilderness, the state's largest, lies in the broad valley of Black Creek, stained a deep caramel color by the tannic acid of decaying vegetation. The creek is Mississippi's only designated Wild and Scenic River (for 21 miles) with the emphasis exclusively on scenic. It bisects the Wilderness, creating a hardwood floodplain of oxbow lakes and thick stands of sweet gum, sweet bay, red maple, oak, pine, and bald cypress. The 5- to 20-foot banks offer plenty of white sandbars suitable for camping or a picnic. You may want to float the meandering creek leisurely paddling your canoe. If the water level is running low, keep an eye out for logs.

The Black Creek National Recreation Trail (open only to foot traffic) runs about 41 miles along the drainage of Black Creek, with about 10 miles within the Wilderness. Here you'll be on a part of the Lower Coastal Plain: piney woods growing over low rolling hills with a few moderate ridges. The relatively flat terrain rises 100 feet on Black Creek itself to only 270 feet on nearby uplands.

Bass and panfish attract anglers, and hunters come in their season, mostly for deer. On many days you'll see no evidence that a human has ever stepped foot in the Wilderness or dipped a canoe paddle into Black Creek.

Area Management

The Black Creek Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Black

Creek Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- AREA CLOSURE

- THE FOLLOWING ACTS ARE PROHIBITED: 1. STORING EQUIPMENT, PERSONAL PROPERTY, OR SUPPLIES. 2. DISPOSING OF DEBRIS GARBAGE, OR OTHER WASTE. 3. POSSESSING OR USING A WAGON, CART, OR OTHER VEHICLE. 4. OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN BLACK CREEK RIVER. 5. POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN $5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

- MAXIMUM LENGTH OF STAY : 30 DAYS
  - CAMPING FOR A PERIOD LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS IS PROHIBITED. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN $5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

Contacts

De Soto Ranger District Phone: 601-928-6160
PO BOX 248
654 WEST FRONTAGE ROAD
WIGGINS, MS 39577
Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Links to Other Websites

http://www.southernregion.fs.fed.us/mississippi/desoto/ -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results -- National, Regional and Local Wilderness Organizations (NGOs)
A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results -- Career and Volunteer Opportunities
A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
  - Know the regulations and special concerns for the area you'll visit.
  - Prepare for extreme weather, hazards, and emergencies.
  - Schedule your trip to avoid times of high use.
  - Visit in small groups. Split larger parties into groups of 4-6.
  - Repackage food to minimize waste.
  - Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
  - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
  - Protect riparian areas by camping at least 200 feet from lakes and streams.
  - Good campsites are found, not made. Altering a site is not necessary.
  - In popular areas:
    - Concentrate use on existing trails and campsites.
    - Walk single file in the middle of the trail, even when wet or muddy.
    - Keep campsites small. Focus activity in areas where vegetation is absent.
  - In pristine areas:
    - Disperse use to prevent the creation of campsites and trails.
    - Avoid places where impacts are just beginning.
- Dispose of Waste Properly
  - Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
  - Deposit solid human waste in catholes dug 6 to 8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
  - Pack out toilet paper and hygiene products.
  - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
  - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
  - Leave rocks, plants and other natural objects as you find them.
  - Avoid introducing or transporting non-native species.
  - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
  - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for

cooking and enjoy a candle lantern for light.
  - Where fires are permitted, use established fire rings, fire pans, or mound fires.
  - Keep fires small. Only use sticks from the ground that can be broken by hand.
  - Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife
  - Observe wildlife from a distance. Do not follow or approach them.
  - Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
  - Protect wildlife and your food by storing rations and trash securely.
  - Control pets at all times, or leave them at home.
  - Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.
- Be Considerate of Other Visitors
  - Respect other visitors and protect the quality of their experience.
  - Be courteous. Yield to other users on the trail.
  - Step to the downhill side of the trail when encountering pack stock.
  - Take breaks and camp away from trails and other visitors.
  - Let nature's sounds prevail. Avoid loud voices and noises.

The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: http://www.lnt.org/programs/lnt7/index.html.

General Equipment List

The following is a general list of the types of equipment recommended for backcountry travel. You will want to modify this list accordingly for the climate in which you will be traveling. For example, if you are traveling in cold, high-mountain country you will may want to pack additional cold-weather clothing or mountaineering gear. Additionally, if you plan hunt, fish, canoe etc. in wilderness, you will want to pack additional gear needed for such activities.

- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
  - Hiking boots (broken in and waterproofed)

  - Socks (wool and liner)
  - Jacket/sweater
  - Rain gear
  - Hat and/or stocking cap
  - Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)
- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:
http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=54

Feedback Analytics

Aleutian Islands Wilderness, Alaska

Visit our mobile website: http://m.wilderness.net

Keywords: Search

Home > Maps, Data, and Images > Maps > GIS Map

Share

U.S. National Wilderness Preservation System Map

Text size: A | A | A [Print]

Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to give us feedback on our map?

Print/View/Download: ----------

Zoom: U.S. State ---- Wilderness ----------

On/Off: Wilderness Names

Key: BLM FWS FS NPS

Latitude/longitude: 31.0410213, -88.797169

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas

Accessibility issues? View the above navigation links as a list.

are now pictured on Wilderness.net's maps. You can also view a list of all areas affected by Public Law 111-11 with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. Read about the history of wilderness mapping.

Leaf Wilderness Fact Sheet

General

The United States Congress designated the Leaf Wilderness in 1984 and it now has a total of 994 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

South Mississippi's tiny Leaf Wilderness lies almost entirely on the floodplain of the east-flowing Leaf River, just north of Black Creek Wilderness. Except for a little western upland, the entire Wilderness consists of meandering sloughs, oxbow lakes, and level terrain of spruce-pine forest or oak-gum-cypress river bottom. Loblolly and shortleaf pines shade the upland, with a dense understory of dogwood, redbud, persimmon, blueberries, and honeysuckle. The only threatening shrub is poison oak, which always seems to find a way to make contact with exposed skin. The 1.5 mile Leaf Trail, one of two main attractions in the area, crosses the Wilderness and three bridges and a boardwalk to access this piece of Mississippi, where camping is unrestricted. The other attraction is wildlife, including white-tailed deer and wild turkeys, which bring in hunters during the fall months.

Area Management

The Leaf Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Leaf Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in

specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- CACHING OF EQUIPMENT PROHIBITED
- DISPOSING OF DEBRIS, GARBAGE PROHIBITED
- FIREWORKS PROHIBITED
  - POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE IS PROHIBITED.
- MAXIMUM LENGTH OF STAY : 30 DAYS
  - CAMPING IS PROHIBITED FOR A PERIOD OF LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS UNTIL FURTHER NOTICE. VIOLATION OF THIS

PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN $5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

- MECHANICAL PROPULSION DEVICES PROHIBITED
  - OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN THE BLACK CREEK RIVER.
- WAGON, WHEELBARROW, STROLLER, BICYCLE, GAME CART OR OTHER VEHICLE PROHIBITED (WHEELCHAIRS ALLOWED)

Contacts

De Soto Ranger District Phone: 601-928-6160
PO BOX 248
654 WEST FRONTAGE ROAD
WIGGINS, MS 39577
Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Links to Other Websites

http://www.southernregion.fs.fed.us/mississippi/desoto/ -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results -- National, Regional and Local Wilderness Organizations (NGOs)
A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results -- Career and Volunteer Opportunities
A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
  - Know the regulations and special concerns for the area you'll visit.
  - Prepare for extreme weather, hazards, and emergencies.
  - Schedule your trip to avoid times of high use.

  - Visit in small groups. Split larger parties into groups of 4-6.
  - Repackage food to minimize waste.
  - Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
  - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
  - Protect riparian areas by camping at least 200 feet from lakes and streams.
  - Good campsites are found, not made. Altering a site is not necessary.
  - In popular areas:
    - Concentrate use on existing trails and campsites.
    - Walk single file in the middle of the trail, even when wet or muddy.
    - Keep campsites small. Focus activity in areas where vegetation is absent.
  - In pristine areas:
    - Disperse use to prevent the creation of campsites and trails.
    - Avoid places where impacts are just beginning.
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  - Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
  - Deposit solid human waste in catholes dug 6 to 8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
  - Pack out toilet paper and hygiene products.
  - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
  - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
  - Leave rocks, plants and other natural objects as you find them.
  - Avoid introducing or transporting non-native species.
  - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
  - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for cooking and enjoy a candle lantern for light.
  - Where fires are permitted, use established fire rings, fire pans, or mound fires.
  - Keep fires small. Only use sticks from the ground that can be broken by hand.
  - Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife

  - Observe wildlife from a distance. Do not follow or approach them.
  - Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
  - Protect wildlife and your food by storing rations and trash securely.
  - Control pets at all times, or leave them at home.
  - Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.
- Be Considerate of Other Visitors
  - Respect other visitors and protect the quality of their experience.
  - Be courteous. Yield to other users on the trail.
  - Step to the downhill side of the trail when encountering pack stock.
  - Take breaks and camp away from trails and other visitors.
  - Let nature's sounds prevail. Avoid loud voices and noises.

The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: http://www.lnt.org/programs/lnt7/index.html.

General Equipment List

The following is a general list of the types of equipment recommended for backcountry travel. You will want to modify this list accordingly for the climate in which you will be traveling. For example, if you are traveling in cold, high-mountain country you will may want to pack additional cold-weather clothing or mountaineering gear. Additionally, if you plan hunt, fish, canoe etc. in wilderness, you will want to pack additional gear needed for such activities.

- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
  - Hiking boots (broken in and waterproofed)
  - Socks (wool and liner)
  - Jacket/sweater
  - Rain gear
  - Hat and/or stocking cap
  - Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)

- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:
http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=314

Feedback Analytics

Appendix C

nationalatlas.gov™
Where We Are

MISSISSIPPI

FEDERAL LANDS AND INDIAN RESERVATIONS

- Bureau of Indian Affairs
- Department of Defense (includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Aeronautics and Space Administration
- National Park Service / Wilderness
- Tennessee Valley Authority

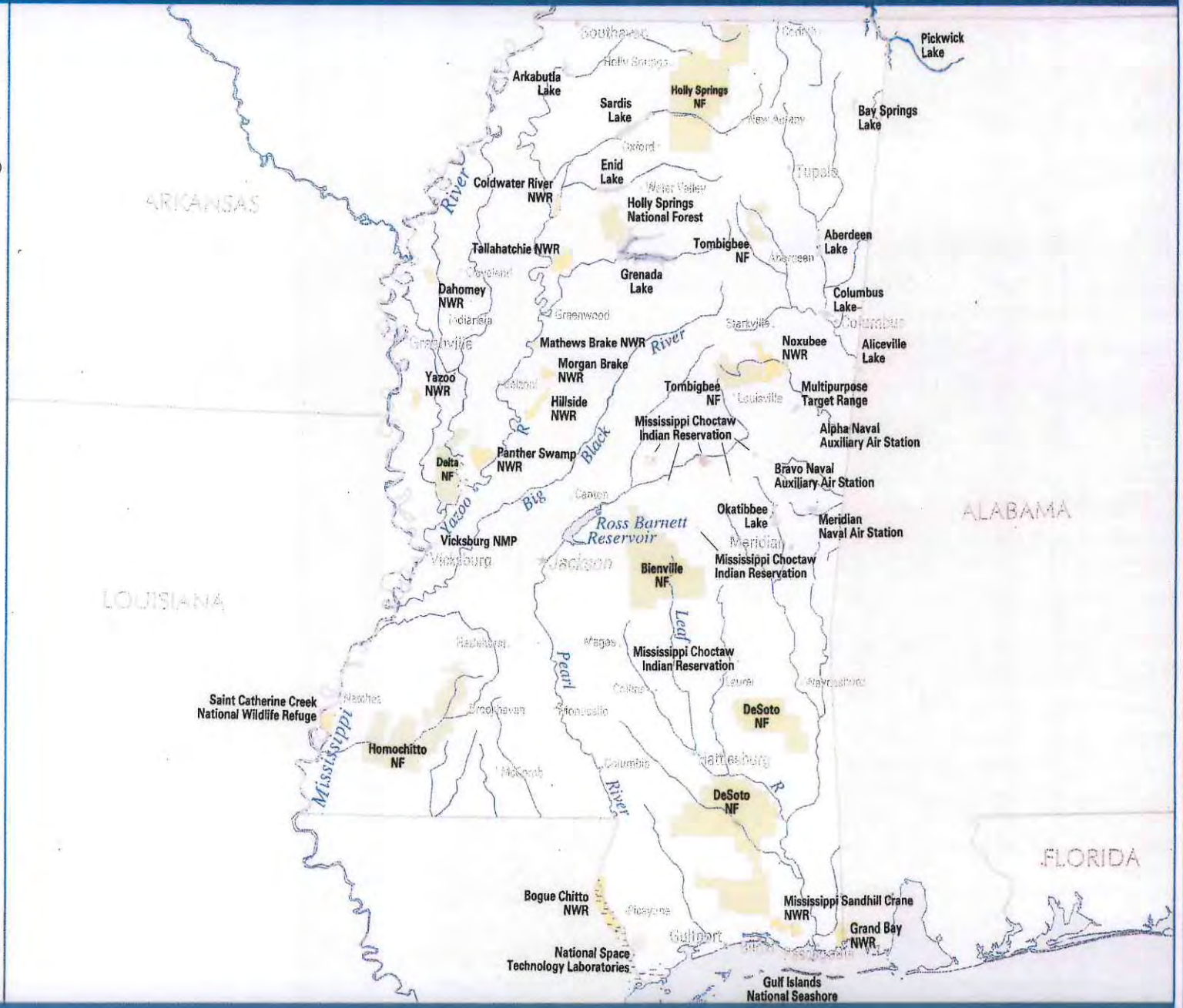
Some small sites are not shown, especially in urban areas.

MILES
0 20 40 60 80

Albers equal area projection

Abbreviations

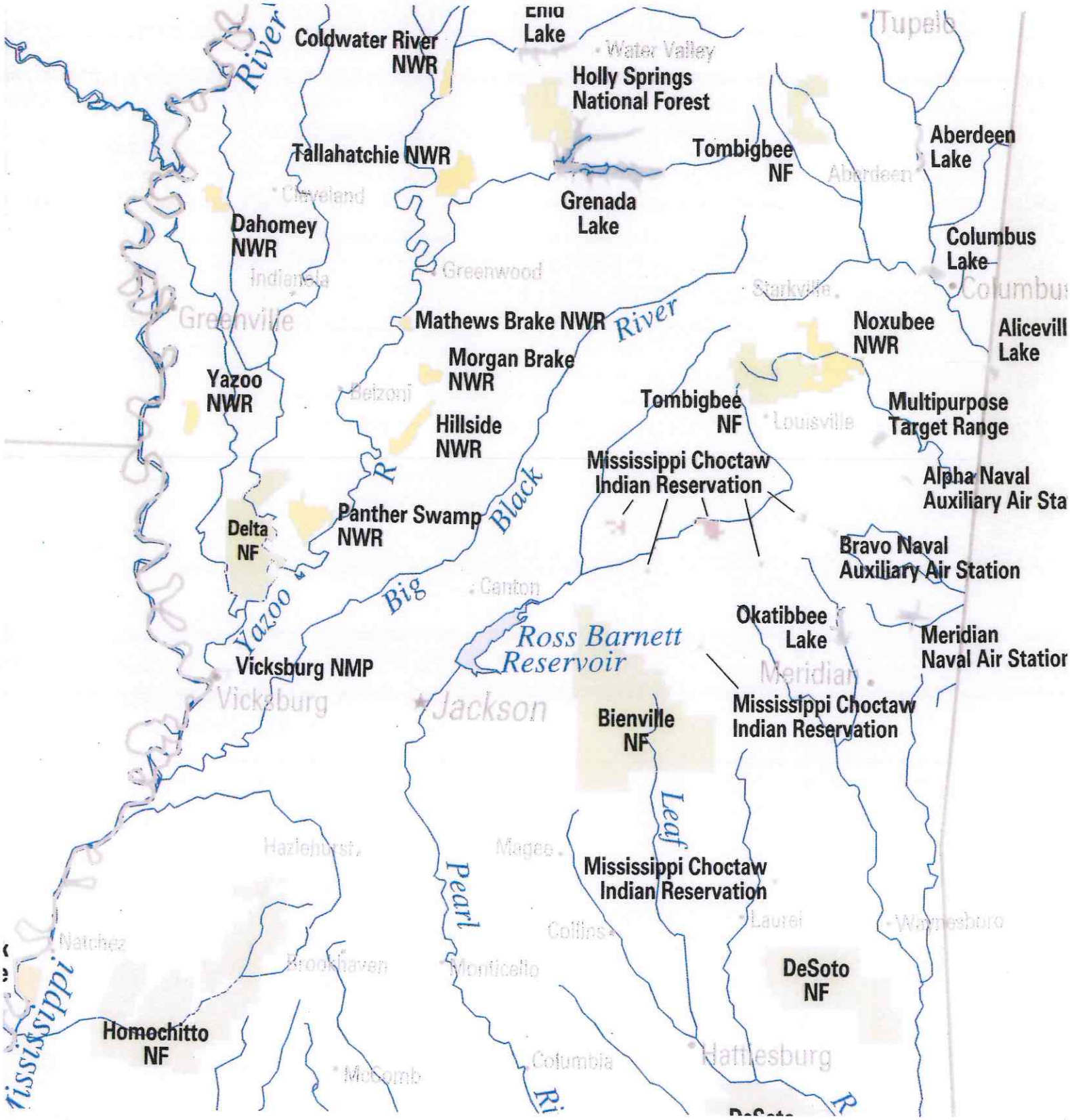
NF	National Forest
NMP	National Military Park
NWR	National Wildlife Refuge



U.S. Department of the Interior
U.S. Geological Survey

The National Atlas of the United States of America®

pagefed_ms6.pdf INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-2003


Enid Lake
Coldwater River NWR
Water Valley
Tupelo
Holly Springs National Forest
Tallahatchie NWR
Tombigbee NF
Aberdeen Lake
Aberdeen
Cleveland
Grenada Lake
Dahomey NWR
Columbus Lake
Indianola
Greenwood
Starkville
Columbus
Greenville
Mathews Brake NWR
River
Noxubee NWR
Aliceville Lake
Morgan Brake NWR
Yazoo NWR
Belzoni
Tombigbee NF
Louisville
Multipurpose Target Range
Hillside NWR
Mississippi Choctaw Indian Reservation
Alpha Naval Auxiliary Air Sta
Black
Panther Swamp NWR
Delta NF
Bravo Naval Auxiliary Air Station
Big
Canton
Yazoo
Okatibbee Lake
Ross Barnett Reservoir
Meridian Naval Air Station
Vicksburg NMP
Meridian
Vicksburg
Jackson
Mississippi Choctaw Indian Reservation
Bienville NF
Leaf
Hazlehurst
Magee
Mississippi Choctaw Indian Reservation
Pearl
Laurel
Waynesboro
Natchez
Collins
Brookhaven
Monticello
DeSoto NF
Homochitto NF
Columbia
Hattiesburg
McComb

Southeast Region

Conserving the Nature of America

- Refuge Finder
- Service Finder
- Office Finder
- Contact Finder

- About Southeast Region
- Climate Change in the SE
- Connecting People with Nature:
  - Lets Go Outside
  - Educators
  - Southeast Kids
  - Reference and Research
  - Publications
  - Southeastern Currents
- Fish & Wildlife
  - Ecological Services
    - Contaminants
    - Coastal Program
    - Partners for FWS
    - T & E Species: Achieving Recovery and Preventing Extinction
    - Recovery Program
  - Aquatic Resources: National Fish Habitat Action Plan
  - Migratory Birds: Conservation & Management
- Get Involved
  - Business Opportunities
  - Friends
  - Jobs
  - Volunteer
- NWRS: Conserving Our Lands & Resources
  - National Wildlife Refuges
  - Invasive Species
- Landscape Conservation:

Map of Mississippi

National Wildlife Refuges

- Bogue Chitto NWR
- Dahomey NWR
- Grand Bay NWR
- Hillside NWR
- Holt Collier NWR
- Mathews Brake NWR
- MS Sandhill Crane NWR
- Morgan Brake NWR
- Noxubee NWR
- Panther Swamp NWR

Appendix D

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental, Remediation, and Geological Consultants

October 26, 2009

Acting Supervisor
United States Fish and Wildlife Service
6578 Dogwood View Parkway
Jackson, Mississippi 39213

Subject:
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

To Whom It May Concern:

Environmental Engineers, Inc. is requesting comment from the U.S. Fish and Wildlife Service on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency regarding impact to threatened or endangered species by construction of a wireless communications tower in Chickasaw County, Mississippi. Information regarding this proposed tower location was previously submitted to your office via letter dated October 16, 2009 and was for a 390-foot guyed tower. The project is actually a proposed 470-foot guyed tower. I apologize for any inconvenience this may cause.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33°48'01.313" north and longitude 89°08'17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located near 1356 County Road 70 near Woodland, Mississippi 39776. The site is a portion of a grassed field and slopes gently down toward the west. Proposed activities consist of construction of a 470-foot guyed communications tower and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have included a site location map and site photographs for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please call us at (205) 629-3868 if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Anne B. Gilbert

Anne B. Gilbert, P.E.
Principal Engineer

Attachments Site Location Map and Site Photographs

Phone: (205) 629-3868 • Fax: (877) 847-3060

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10/10/09

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Return Receipt Fee (Endorsement Required)		Postmark Here JSE01 P0919
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Total Postage & Fees	$ 7.17	JSE01 P0922 JSE01 P0923

Sent To: Acting Director / USFWS

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 — See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Acting Director
USFWS
6578 Dogwood View Pkwy
Jackson, MS 39213

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X D. Davis ☐ Agent ☐ Addressee

B. Received by (Printed Name) D. Davis
C. Date of Delivery 10/19

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2680 0002 3656 3245

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

United States Department of the Interior

FISH AND WILDLIFE SERIVCE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213

October 29, 2009

Anne Gilbert
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS
OCT 31 2009
RECEIVED

RE: Cell Tower Chickasaw County, Project No: JSE01P0919

Dear Ms. Gilbert:

The U.S. Fish and Wildlife Service (Service) received your letter dated October 16, 2009, regarding construction of a new Cellular South telecommunication tower in Chickasaw County, Mississippi. The proposal is for a 390-foot guyed wire telecommunications tower located off of County Road 70 near Woodland. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Migratory Bird Treaty Act (16 U.S.C. 703-711).

There is one federally listed terrestrial species for Chickasaw County, a threatened plant, Price's potato bean (*Apios priceann*) which is a vine that is usually found in wooded areas that grade into creek and river bottoms. Since the site is a grassy area as documented by photographs provided in you letter, it is unlikely that this listed species inhabits the project site. Therefore, the Service anticipates no impacts to any listed species to occur as a result of the proposed project. However, due to the adverse impact these towers can have on migratory birds, we would like to make several recommendations which can be found in the attached guidelines document.

If project plans change or if new information about listed species becomes available, consultation should be reinitiated. If you have any questions, please feel free to contact this office, telephone: (601) 321-1129.

Sincerely,

Terri Jacobson

Terri Jacobson
Fish and Wildlife Biologist

Appendix E

U.S. Fish and Wildlife Service
Tower Guidance

Due to the adverse impact telecommunications towers can have on migratory birds, we would like to make the following recommendations:

1. Co-locate communications equipment on an existing communication tower or other structure (*e.g.*, billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may collocate on an existing tower.

2. If co-location is not feasible and a new tower or towers are to be constructed, towers should be no more than 199 feet above ground level (AGL), use construction techniques which do not require guy wires (*e.g.*, use a lattice structure, monopole, etc.). Towers should be unlighted if Federal Aviation Administration regulations permit.

3. If constructing multiple towers, consider the cumulative impacts of all towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.

4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (*e.g.*, state or Federal refuges, staging areas, rookeries), in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.

5. If taller (>199 feet AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.

6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Suggested Practices for Avian Protection on Power Lines: The State of the Art in* 2006 - a profile of the research and safeguards available to remedy the issue of avian electrocutions. Copies can be obtained from Edison Electric Institute by calling 1-800-334-5453 or via the Internet at http://www.eei.org/products_and_services/descriptions_and_access/index.htm.

7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint". However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.

8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternate site is recommended.

9. In order to reduce the number of towers needed in the future, new towers should be designed structurally and electrically to accommodate comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.

10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.

11. Service personnel or researchers from the Communication Tower Working Group should be allowed, if asked, access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.

12. Towers no longer in use or determined to be obsolete should be removed within twelve months of cessation of use.

These voluntary recommendations are based on the Service's Guidance on the Siting, Construction, Operation and Decommissioning of Communications Towers which can be found at http://www.fws.gov/migratorybirds/issues/towers/comtow.html.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes, and to identify any recurring problems with their implementation which may necessitate modifications, please advise us of the final location and specifications of the proposed tower. In your response please explain which of the recommended measures were implemented and if the recommended measures could not be implemented, please explain why they were not feasible.

Appendix F

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 02, 2009 9:27 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2312985

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 10/02/2009

Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 01.3 sec N
Longitude: 89 deg 08 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI
County: CHICKASAW
Ground Elevation: 127 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

56606 TOM/MS

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 09, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2314552

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail
Details: The Alabama-Coushatta Tribe of Texas requests a review fee of $300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regardingyour proposal. Invoices will be forwarded to the email account we receive your Form 620 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail
Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

3. Historic Preservation Officer Virginia Nail - Chickasaw Nation - Ada, OK - electronic mail

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail
Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that meets the Federal guidelines set forth by the Department of the Interiorand a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone,historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail
Details: If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail

8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail

9. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail

10. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail

11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail

12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 10/02/2009
Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 1.3 sec N
Longitude: 89 deg 8 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI
County: CHICKASAW
Ground Elevation: 127.0 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

http://wireless.fcc.gov/outreach/notification/contact-fcc.html.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Appendix G

FCC Form 620

FCC Wireless Telecommunications Bureau
New Tower ("NT") Submission Packet

Approved by OMB
3060 – 1039
See instructions for
public burden estimates

General Information

1) (Select only one) (NE) **NE** – New **UA** – Update of Application **WD** – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN):
4) Name: Towers of Mississippi/State of Mississippi

Contact Name

5) First Name: Taylor	6) MI:	7) Last Name: Robinson	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 31560 Blakeley Way	
12) City: Spanish Fort		13) State: AL	14) Zip Code: 36527
15) Telephone Number: (205) 266-4466		16) Fax Number: ( )	
17) E-mail Address: trobinson@vulcancompany.com			

Consultant Information

18) FCC Registration Number (FRN): 0019057413
19) Name: MRS Consultants, LLC.

Principal Investigator

20) First Name: Beth	21) MI: A	22) Last Name: Ryba	23) Suffix:
24) Title: Cultural Resource Specialist			

Principal Investigator Contact Information

25) P.O. Box: 3146	And /Or	26) Street Address:	
27) City: Tuscaloosa		28) State: AL	29) Zip Code: 35403
30) Telephone Number: (205) 759-1621		31) Fax Number: (205) 759-1621	
32) E-mail Address: earyba@earthlink.net			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(X) Yes ( ) No

34) Areas of Professional Qualification:

(X) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	( ) Yes (X) No

If "Yes", complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			

41) Areas of Professional Qualification:

( ) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

This page may be copied to include additional staff.
Consultant Information Attachments required – See instructions for details.

Site Information

Tower Construction Notification System

1) TCNS Notification Number:

Site Information

2) Site Name: Woodlands		
3) Site Address: 1356 CR 70		
4) City: Woodland	5) State: MS	6) Zip Code: 39776
7) County/Borough/Parish: Chickasaw		
8) Nearest Crossroads: CR 70 & Mississippi Highway 341		
9) **NAD 83** Latitude (DD-MM-SS.S): 33-48-1.31	(X) **N** or ( ) **S**	
10) **NAD 83** Longitude (DD-MM-SS.S): 89-8-17.25	( ) **E** or (X) **W**	

Tower Information

11) Tower height above ground level (include top-mounted attachments such as lightning rods): 470 (X) Feet ( ) Meters

12) Tower Type (Select One):

(X) Guyed lattice tower

( ) Self-supporting lattice

( ) Monopole

( ) Other (Describe):

Project Status

13) Current Project Status (Select One):

(X) Construction has not yet commenced

( ) Construction has commenced, but is not completed — Construction commenced on: ____/____/____

( ) Construction has been completed — Construction commenced on: ____/____/____

Construction completed on: ____/____/____

Site Information Attachments required – See instructions for details.

Determination of Effect

14) Direct Effects (Select One):

(X) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

(X) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

Determination of Effect Attachments required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6	
2b) Tribes/NHOs contacted through an alternate system: None Number of Tribes/NHOs: None	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Alabama-Coushatta Tribe of Texas

Contact Name

5) First Name: Bryant	6) MI: J	7) Last Name: Celestine	8) Suffix:
9) Title: Historic Preservation Officer			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied 10 / 22 / 09

( ) No Reply

( ) Replied/No Interest

(X) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6	
2b) Tribes/NHOs contacted through an alternate system: None Number of Tribes/NHOs: None	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Chickasaw Nation

Contact Name

5) First Name: Virginia	6) MI:	7) Last Name: Nail	8) Suffix:
9) Title: Historic Preservation Officer			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied ____/____/____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6

2b) Tribes/NHOs contacted through an alternate system: None Number of Tribes/NHOs: None

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: Choctaw Nation of Oklahoma

Contact Name

5) First Name: Terry	6) MI: D	7) Last Name: Cole	8) Suffix:
9) Title: Director of Cultural Resources and THPO			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied ___/___/___

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: None

None

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name:

Kialegee Tribal Town

Contact Name

5) First Name: Jennie	6) MI:	7) Last Name: Lillard	8) Suffix:
9) Title: MEKKO and Acting Tribal Administrator			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied ____/____/____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6	
2b) Tribes/NHOs contacted through an alternate system: None Number of Tribes/NHOs: None	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Seminole Tribe of Florida

Contact Name

5) First Name: Jennifer	6) MI: L	7) Last Name: Pietarila	8) Suffix:
9) Title: Archaeological Data Analyst			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied ___/___/___

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultura significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: 56606 Number of Tribes/NHOs: 6

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: None

None

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name:

Tunica-Biloxi Indians of Louisiana

Contact Name

5) First Name: Earl	6) MI: J	7) Last Name: Barbry	8) Suffix: Jr.
9) Title: THPO			

Dates & Response

10) Date Contacted 10 / 9 / 09 11) Date Replied ___/___/___

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN): None
2) Name: None

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:		
10) City:			11) State:	12) Zip Code:
13) Telephone Number: ( )		14) Fax Number: ( )		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail ( ) Letter ( ) Both				

Dates & Response

17) Date Contacted _____/_____/_____ 18) Date Replied _____/_____/_____

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

This page may be copied to include additional Tribes/NHOs.

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( ) Yes (X) No
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultura or religious significance to Tribes/NHOs?	( ) Yes (X) No
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	( ) Yes (X) No

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	( ) Yes ( ) No
12) Is this property eligible for listing on the National Register? Source: _____	( ) Yes ( ) No
13) Is this property a National Historic Landmark?	( ) Yes ( ) No

14) Direct Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

15) Visual Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

This page may be copied to include additional Historic Properties.
Historic Property Attachments required – See instructions for details.

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Chickasaw County Board of Supervisors

Contact Name

3) First Name: Albert	4) MI:	5) Last Name: Rayford	6) Suffix:
7) Title: President			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 1 Pinson Square	
10) City: Houston		11) State: MS	12) Zip Code: 38851
13) Telephone Number: ( )		14) Fax Number: ( )	
15) E-mail Address:			
16) Preferred means of communication: ( ) E-mail (X) Letter ( ) Both			

Dates & Response

17) Date Contacted 10 / 6 / 09 18) Date Replied ___/___/___

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

Additional Information

19) Information on local government's role or interest (optional):

This page may be copied to include additional local government agencies.
Local Government Attachments required – See instructions for details.

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	( ) Yes (X) No

Consulting Party

2) FCC Registration Number (FRN):
3) Name:

Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address:		
11) City:			12) State:	13) Zip Code:
14) Telephone Number: ( )		15) Fax Number: ( )		
16) E-mail Address:				
17) Preferred means of communication: ( ) E-mail ( ) Letter ( ) Both				

Dates & Response

18) Date Contacted _____/_____/_____ 19) Date Replied _____/_____/_____

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other _____

Additional Information

20) Information on other consulting parties' role or interest (optional):

This page may be copied to include additional consulting parties.
Consulting Parties Attachments required – See instructions for details.

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: H.T. Holmes, Mississippi Department of Archives and History

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Designation of SHPO/THPO Attachments may be required – See instructions for details.

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign MRS Consultants, LLC. Principal Investigator

First Name: Beth	MI: A	Last Name: Ryba	Suffix:

Signature: [signature] Date: 09 / 25 / 09

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

ATTACHMENT 1
Vitae are On File

ATTACHMENT 2
ATTACHMENT 7
ATTACHMENT 8
ATTACHMENT 9
ATTACHMENT 10
ATTACHMENT 11
ATTACHMENT 12

See Accompanying Cultural Resource Report

Attachment 3. Tribal and NHO Involvement

Initial notification to Native American tribes/organizations was submitted through the FCC Tower Construction Notification System (TCNS). See the attached TCNS list for details.

Attachment 4. Local Government

Correspondence was submitted to the local government agency with jurisdiction over the project area for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information.

Attachment 5. Public Involvement

A notice requesting comment regarding potential impacts to historical or archaeological properties by the proposed action was published. Please see the attached information for details regarding the public notice.

Attachment 6. Additional Consulting Parties (Where Applicable)

Correspondence was submitted to additional consulting parties for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information. (Please note that no correspondence is included where additional consulting parties were not identified for a project.)

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 02, 2009 9:27 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2312985

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 10/02/2009

Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 01.3 sec N
Longitude: 89 deg 08 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI
County: CHICKASAW
Ground Elevation: 127 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

56606 TOM/MS

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 09, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2314552

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail
Details: The Alabama-Coushatta Tribe of Texas requests a review fee of $300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regardingyour proposal. Invoices will be forwarded to the email account we receive your Form 620 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail
Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

3. Historic Preservation Officer Virginia Nail - Chickasaw Nation - Ada, OK - electronic mail

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail
Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that meets the Federal guidelines set forth by the Department of the Interiorand a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone,historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail
Details: If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail

8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail

9. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail

10. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail

11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail

12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 10/02/2009
Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 1.3 sec N
Longitude: 89 deg 8 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI
County: CHICKASAW
Ground Elevation: 127.0 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

http://wireless.fcc.gov/outreach/notification/contact-fcc.html.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental and Geological Consultants

October 6, 2009

Mr. Albert Rayford, President
Chickasaw County Board of Supervisors
1 Pinson Square
Houston, Mississippi 38851

Subject:
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Rayford:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Chickasaw County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

7007 2680 0002 3656 3030

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 5.54

10/6/09

Postmark Here

JSE01P0919

Sent To: Mr. Albert Rayford, President

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Albert Rayford, President
Chickasaw County Bd of Supervisors
1 Pinson Square
Houston, MS 38851

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Tiffany Lovvorn ☐ Agent ☐ Addressee

B. Received by (Printed Name): TIFFANY LOVVORN
C. Date of Delivery: 10-13-09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2680 0002 3656 3030

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI
COUNTY CHICKASAW

Before the undersigned authority of said county and state, personally appeared before Lisa K. Voyles clerk of a public newspaper published in the City of Houston, County of Chickasaw, State of Mississippi, called the Chickasaw Journal & Times-Post, who, being duly sworn, doth depose and say that the publication of the notice hereto affixed has been made in said paper for 1 consecutive weeks, to-wit:

Vol. 103 No. 49, on the 14 day of October, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009

Legal Ad Clerk

#673

LEGAL NOTICE

PUBLIC NOTICE

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 106 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 470 foot guyed communications tower at 1356 CR 70, Woodland, Chickasaw County, Mississippi, 39776, at latitude 33° 48' 01.3" north and longitude 89° 08' 17.3" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0919 and sent to the attention of Mr. Henry Fisher, Environmental Engineers, Inc., 11578 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at towerinfo@envciv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-3060.

Publish: October 14, 2009

Sworn to and subscribed to this the 14 day of October, 2009 before me, the undersigned Notary Public of said County of Chickasaw.

By: _____
Notary Public

MY COMMISSION EXPIRES FEB 5, 2010
BONDED THRU STEGALL NOTARY SERVICE

Printer's Fee: 20.64

TERESA DOSS NICHOLS, CALHOUN COUNTY, MS
NOTARY PUBLIC
My Commission Expires February 5, 2010

Appendix H

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental and Geological Consultants

October 29, 2009

Mr. Jim Woodrick
Mississippi Department of Archives and History
Charlotte Capers Archives and History Building
100 South State St.
Jackson, MS 39201

Subject:
Section 106 Review
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Woodrick:

Environmental Engineers, Inc. is requesting a Section 106 review, on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) for the above referenced site. Enclosed you will find a copy of the completed FCC Form 620 for the project site, including all attachments.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. If you have any questions or need additional information, please contact me at (205) 629-3868.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Enc. FCC Form 620

Phone: (205) 629-3868 • Fax: (877) 847-3060

From: Origin ID: CZCA (205) 629-3868
HENRY FISHER
ENVIRONMENTAL ENGINEERS, INC
11578 U.S. Highway 411

Odenville, AL 35120

FedEx Express

J03300907312023

Ship Date: 29OCT09
ActWgt: 1.0 LB
CAD: 4760346/INET9090
Account#: S *********

Delivery Address Bar Code

Ref # JSE01P0916 & JSE01P0919
Invoice #
PO #
Dept #

SHIP TO: (601) 359-6940 **BILL SENDER**

Mr. Jim Woodrick
MS Dept of Archives & History
100 S STATE ST

JACKSON, MS 39201

TRK# 0201 7970 6397 5146

FRI - 30OCT **A2**
STANDARD OVERNIGHT

XX JANA

39201
MS-US
MEM

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2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Friday, October 30, 2009 8:51 AM
To: cjohnson@envciv.com
Subject: FedEx Shipment 797063975146 Delivered

This tracking update has been requested by:

Company Name:	ENVIRONMENTAL ENGINEERS, INC
Name:	HENRY FISHER
E-mail:	cjohnson@envciv.com

Our records indicate that the following shipment has been delivered:

Reference:	JSE01P0916 & JSE01P0919
Ship (P/U) date:	Oct 29, 2009
Delivery date:	Oct 30, 2009 8:42 AM
Sign for by:	D.SMITH
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	1.00 lb.
Special handling/Services:	Deliver Weekday

Tracking number: 797063975146

Shipper Information	Recipient Information
HENRY FISHER	Mr. Jim Woodrick
ENVIRONMENTAL ENGINEERS, INC	MS Dept of Archives & History
11578 U.S. Highway 411	100 S STATE ST
Odenville	JACKSON
AL	MS
US	US
35120	39201

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Thank you for your business.

MISSISSIPPI Department of
MDAH
ARCHIVES & HISTORY

PO Box 571, Jackson, MS 39205-0571
601-576-6850 • Fax 601-576-6975
mdah.state.ms.us
H. T. Holmes, Director

November 16, 2009

Henry A. Fisher, P.E.
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

RE: Proposed MSWIN 20509 B Woodland Communications Tower, Woodland (EE Project No. JSE01P0919), MDAH Project Log #10-198-09, Chickasaw County

Dear Henry:

We have reviewed your October 29, 2009, cultural resources assessment request and September 24, 2009, cultural resources survey and assessment by Beth Ryba, Principal Investigator, received on October 30, 2009, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After reviewing the information provided, we concur that no cultural resources listed in or eligible for listing in the National Register of Historic Places will be directed or visually affected. Therefore, we have no reservations with the undertaking.

There remains the possibility that unrecorded cultural resources may be encountered during the project. Should this occur, we would appreciate your contacting this office immediately in order that we may offer appropriate comments under 36 CFR 800.13.

Please provide a copy of this letter to Ms. Ryba. If you need further information, please let me know.

Sincerely,

Jim Woodrick
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

ENVIRONMENTAL ENGINEERS
NOV 19 2009
RECEIVED

Appendix I

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Thursday, October 29, 2009 10:49 AM
To: 'Bryant J. Celestine'
Subject: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606
Attachments: FCC Form 620 MSWIN 20509 B Tower TCNS 56606.pdf

Mr. Bryant Celestine
Alabama-Coushatta Tribe of Texas

Subject:
TCNS 56606
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Celestine:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Chickasaw County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56606).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48′ 1.313″ north and longitude 89° 8′ 17.257″ west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Bryant J. Celestine [celestine.bryant@actribe.org]
Sent: Wednesday, November 25, 2009 11:47 AM
To: 'Henry Fisher'
Subject: RE: TCNS 56606

Dear Mr. Fisher:

On behalf of Chief Oscola Clayton Sylestine and the Alabama-Coushatta Tribe, our appreciation is expressed on your efforts to consult us regarding TCNS #56606 in Chickasaw County.

Our Tribe maintains ancestral associations within the state of Mississippi despite the absence of written documentation to completely identify Tribal activities, villages, trails, or burial sites. However, it is our objective to ensure significances of Native American ancestry, especially of the Alabama-Coushatta Tribe are administered with the utmost regard.

Upon review of your October 29, 2009 submission, no known impacts to religious, cultural, or historical assets of the Alabama-Coushatta Tribe of Texas should occur in conjunction with this proposal. In the event of inadvertent discovery of human remains and/or archaeological artifacts during construction, activity in proximity to the location must cease and appropriate authorities, including this office, notified without delay.

Should you require further assistance, please do not hesitate to contact us.

Sincerely,

Bryant J. Celestine
Historic Preservation Officer
Alabama-Coushatta Tribe of Texas
571 State Park Rd 56
Livingston, Texas 77351
936 - 563 - 1181
celestine.bryant@actribe.org

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Monday, November 02, 2009 10:31 AM
To: towerinfo@envciv.com
Cc: tcns.fccarchive@fcc.gov; gingy.nail@chickasaw.net
Subject: Reply to Proposed Tower Structure (Notification ID: 56606) - Email ID #2338028

Dear Henry A Fisher,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Historic Preservation Officer Virginia Nail of the Chickasaw Nation in reference to Notification ID #56606:

We are unaware of any specific historic properties or traditional cultural, religious and/or sacred sites at this time. However, in the event of inadvertent discoveries, we expect all construction activities to cease and we be notified according to all applicable state and federal laws. If you have any questions, please contact Ms. Gingy Nail, historic preservation officer at (580)559-0817, gingy.nail@chickasaw.net or Ms. Julie Ray, historic preservation and repatriation manager, at (580)559-0825, julie.ray@chickasaw.net.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 10/02/2009
Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 1.3 sec N
Longitude: 89 deg 8 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI
County: CHICKASAW
Ground Elevation: 127.0 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Thursday, October 29, 2009 10:50 AM
To: 'Caren Johnson'
Subject: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606
Attachments: FCC Form 620 MSWIN 20509 B Tower TCNS 56606.pdf

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 56606
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Chickasaw County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56606).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Caren Johnson [cjohnson@choctawnation.com]
Sent: Thursday, December 03, 2009 11:33 AM
To: Henry Fisher
Subject: RE: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606

December 3, 2009

Mr. Henry Fisher:

The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # **56606** and based on the information provided to the best of our knowledge it will have no adverse effect on any historic properties in the project's area of potential effect. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historic crockery, glass or metal items, or should it uncover evidence of buried historic building materials such as rock foundations, brick, or hand poured concrete, this office should be contacted immediately @ 1-800-522-6170 ext. 2137.

Sincerely,

Caren A. Johnson,
Administrative Assistant
Choctaw Nation of Oklahoma
P. O. Box 1210, 16th & Locust
Durant, OK 74702-1210
1-580-924-8280 Ext. 2133
Fax 1-580-920-3181

From: Henry Fisher [mailto:hfisher@envciv.com]
Sent: Thursday, October 29, 2009 10:50 AM
To: Caren Johnson
Subject: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 56606
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Chickasaw County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56606).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48′ 1.313″ north and longitude 89° 8′ 17.257″ west. The site consists of a

proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you have received this message in error, you are hereby notified that we do not consent to any reading, dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information. Please note that any view or opinions presented in this email are solely those of the author and do not necessarily represent those of the Choctaw Nation.

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Thursday, October 29, 2009 10:46 AM
To: 'Jennifer Pietarila'
Subject: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606
Attachments: FCC Form 620 MSWIN 20509 B Tower TCNS 56606.pdf

Ms. Jennifer Pietarila
Seminole Tribe of Florida

Subject:
TCNS 56606
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Ms. Pietarila:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Chickasaw County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56606).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Thursday, October 29, 2009 2:54 PM
To: towerinfo@envciv.com
Cc: tcns.fccarchive@fcc.gov; jenniferpietarila@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID: 56606) - Email ID #2335230

Dear Henry A Fisher,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Archaeological Data Analyst Jennifer L Pietarila of the Seminole Tribe of Florida in reference to Notification ID #56606:

To Whom It May Concern,

The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF-THPO) has received your email correspondence concerning the aforementioned project. The STOF-THPO concurs with your findings of "no historic properties". However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process. We thank you for the opportunity to review the information that has been sent to date regarding this project.

We look forward to working with you in the future.

Sincerely,
W.S. Steele,
Tribal Historic Preservation Officer

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 10/02/2009
Notification ID: 56606
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Henry
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 48 min 1.3 sec N
Longitude: 89 deg 8 min 17.3 sec W
Location Description: 1356 CR 70
City: Woodland
State: MISSISSIPPI

County: CHICKASAW
Ground Elevation: 127.0 meters
Support Structure: 143.3 meters above ground level
Overall Structure: 143.3 meters above ground level
Overall Height AMSL: 270.3 meters above mean sea level

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Thursday, October 29, 2009 10:44 AM
To: 'earlii@tunica.org'
Subject: Proposed MSWIN 20509 B Woodland Communications Tower TCNS 56606

Mr. Earl Barbry
Tunica-Biloxi Indians of Louisiana

Subject:
TCNS 56606
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Barbry:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Chickasaw County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56606).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 1S South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance. Based on the electronic mail that you sent to our office on May 3, 2005 it is my understanding that we may assume that the Tunica-Biloxi Indians of Louisiana concurs with the proposed project if we have not received a comment from your office within 30 days of submittal of project information to your office via electronic mail. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Earl Barbry, Jr. [earlii@tunica.org]
Sent: Tuesday, May 03, 2005 5:51 PM
To: Henry Fisher
Cc: Niki Jeter
Subject: Re: HELP! - I am stuck in FCC NPA!

Mr. Fisher,

Sorry about the delay. I would like to be notified of the cell tower requests, etc. by email. Also, should no comments be received from my department within the 30 day comment period, proceeding with the project can occur. I stand the same as the other Tribes regarding immediate work stoppage and contacting this office should inadvertent discovery occur.

Thank you for taking the time to contact me and getting my input into these matters. Let me know if this response is sufficient or if you need a letter on Tribal stationary mailed to you.

Should you need immediate assistance, and I am out of the office, speak to my Administrative Assistant, Ms. Amber (Niki) Jeter - dial the number below and hit 0 to speak to her.

Many thanks,

Earl J. Barbry, Jr., THPO
Tunica-Biloxi Tribe of Louisiana
318-253-0213 ext. 6851

Appendix J

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental and Geological Consultants

October 6, 2009

Mr. Albert Rayford, President
Chickasaw County Board of Supervisors
1 Pinson Square
Houston, Mississippi 38851

Subject:
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Rayford:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Chickasaw County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

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JSE01P0919

Sent To: Mr. Albert Rayford, President

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Albert Rayford, President
Chickasaw County Bd of Supervisors
1 Pinson Square
Houston, MS 38851

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Tiffany Lowdon ☐ Agent ☐ Addressee

B. Received by (Printed Name): TIFFANY LOWDON
C. Date of Delivery: 10-13-09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2680 0002 3656 3030

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PROOF OF PUBLICATION

ENVIRONMENTAL ENGINEERS

THE STATE OF MISSISSIPPI
COUNTY CHICKASAW

OCT 17 2009

RECEIVED

Before the undersigned authority of said county and state, personally appeared before Lisa K. Voyles clerk of a public newspaper published in the City of Houston, County of Chickasaw, State of Mississippi, called the Chickasaw Journal & Times-Post, who, being duly sworn, doth depose and say that the publication of the notice hereto affixed has been made in said paper for 1 consecutive weeks, to-wit:

Vol. 103 No. 49, on the 14 day of October, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009
Vol. ____ No. ___, on the ____ day of _____, 2009

Legal Ad Clerk

Sworn to and subscribed to this the 14 day of October, 2009 before me, the undersigned Notary Public of said County of Chickasaw.

By: Teresa Dan Nichols
Notary Public

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 5, 2010
BONDED THRU STEGALL NOTARY SERVICE

Printer's Fee: 20.64

#673

LEGAL NOTICE

PUBLIC NOTICE

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 106 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 470 foot guyed communications tower at 1356 CR 70, Woodland, Chickasaw County, Mississippi, 39776, at latitude 33° 48' 01.3" north and longitude 89° 08' 17.3" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0919 and sent to the attention of Mr. Henry Fisher, Environmental Engineers, Inc., 11578 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at towerinfo@envciv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-3060.

Publish: October 14, 2009

TERESA DOSS NICHOLS, CALHOUN COUNTY, MS
NOTARY PUBLIC
My Commission Expires February 5, 2010

Appendix K

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental, Remediation, and Geological Consultants

October 20, 2009

Mr. David Lofton, Section Chief
U.S. Army Corps of Engineers, Vicksburg District
Permitting Section
Attention: CEMVK-OD-F
4155 Clay Street
Vicksburg, Mississippi 39183-3435

Subject:
Request for Project Review
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Lofton:

Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Chickasaw County, Mississippi. This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is located in "Zone C" of the Flood Hazard Boundary Map Community Panel No. 280269 0005 A which bears an effective date of June 3, 1977 and converted by letter dated September 1, 2008 and is not in a special flood hazard area. I have included a site location map, site photographs, and the portion of the 2007 aerial photograph depicting the site for your review.

Phone: (205) 629-3868 • Fax: (877) 847-3060

Environmental Engineers, Inc. has been retained by Towers of Mississippi and the State of Mississippi to prepare an Environmental Assessment (EA) for the proposed project. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please contact me by telephone at (205) 629-3868, electronic mail at hfisher@envciv.com, or U.S. mail at the letterhead address if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map, Site Photographs, Aerial Photograph

7007 0220 0003 4720 6787

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Sent To: Mr. David Lofton, Section Chief

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. David Lofton, Section Chief
U.S. Army Corps of Engineers
Vicksburg District – Permitting Section
ATTN: CEMVK-OD-F
4155 Clay Street
Vicksburg, MS 39183-3435

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery 10/23/09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7007 0220 0003 4720 6787

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

DEPARTMENT OF THE ARMY
VICKSBURG DISTRICT, CORPS OF ENGINEERS
4155 CLAY STREET
VICKSBURG, MISSISSIPPI 39183-3435

ENVIRONMENTAL ENGINEERS
NOV 09 2009
RECEIVED

REPLY TO
ATTENTION OF:

November 2, 2009

Operations Division

SUBJECT: Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA), MSWIN 20509 B Woodland Communications Tower, Woodland, Chickasaw County, Mississippi, Environmental Engineers, Inc. Project No. JSE01P0919

Mr. Taylor Robinson
Towers of Mississippi
31560 Blakely Way
Spanish Fort, Alabama 36532

Dear Mr. Robinson:

Based upon the information provided (enclosure 1), it appears that Department of the Army permit requirements for the proposed work will be authorized by Nationwide Permit No. 14, as specified in the March 12, 2007, Federal Register, Issuance of Nationwide Permits; Notice (72 FR 11092-11198), provided the activity complies with the Nationwide Permit Special Conditions (enclosure 2), the Nationwide Permit General Conditions (enclosure 3), and the Regional Conditions (enclosure 4). It is your responsibility to read and become familiar with the enclosed conditions in order for you to ensure that the activity authorized herein complies with the Nationwide Permits.

This verification is valid for a period of 2 years, or until the Nationwide Permit is modified, suspended, or revoked. Activities which are under construction or that are under contract to commence in reliance upon a Nationwide Permit will remain authorized, provided the activity is completed within 12 months of the date of any subsequent modification, expiration, or revocation of the Nationwide Permit. Upon completion of the activity authorized by this Nationwide Permit, please fill out the enclosed certification of compliance (enclosure 5) and return it to our office.

This authorization was based upon a preliminary jurisdictional determination that there appear to be jurisdictional areas on the property subject to regulation pursuant to Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. An appeals form has been enclosed for your review (enclosure 6).

Thank you for advising us of your plans. If you change your plans for the proposed work, or if the proposed work does not comply with the conditions of the Nationwide Permit, please contact Mr. Thomas Hoff of this office, telephone (601) 631-7104, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil. In any future correspondence concerning this project, please refer to Identification No. MVK-2009-1434.

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges, and does not authorize any injury to property or invasion of rights or local laws or regulations, or obviate the requirement to obtain State or local assent required by law for the activity discussed herein.

The Vicksburg District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the Customer Service Survey found on our web site at http://per2.nwp.usace.army.mil/survey.html. If it is more convenient for you, please complete and return the enclosed postage-paid post card (enclosure 7).

I am forwarding a copy of this letter to Mr. Henry A. Fisher, Environmental Engineers, Incorporated, 11578 U.S. Highway 411, Odenville, Alabama 35120.

Sincerely,

David Lofton

David Lofton
Chief, Permit Section
Regulatory Branch

Enclosures

Appendix L

ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental, Remediation, and Geological Consultants

October 20, 2009

Mr. Homer L. Wilkes, State Conservationist
U.S. Department of Agriculture, Natural Resources Conservation Service
100 W. Capital Street
Suite 1321 Federal Building
Jackson, MS 39269

Subject:
Request for Project Review
Proposed MSWIN 20509 B Woodland Communications Tower
Woodland, Chickasaw County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0919

Dear Mr. Wilkes:

Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Chickasaw County, Mississippi. This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Atlanta, Mississippi," dated 1972. The site is located in the southeast ¼ of the southeast ¼ of Section 1, Township 15 South, Range 1 East, Chickasaw County, Mississippi, at latitude 33° 48' 1.313" north and longitude 89° 8' 17.257" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off County Road 70, Woodland, Chickasaw County, Mississippi 39776. Proposed activities consist of construction of a 470-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is located in "Zone C" of the Flood Hazard Boundary Map Community Panel No. 280269 0005 A which bears an effective date of June 3, 1977 and converted by letter dated September 1, 2008 and is not in a special flood hazard area. I have included a site location map, site photographs, and the portion of the 2007 aerial photograph depicting the site for your review.

Phone: (205) 629-3868 • Fax: (877) 847-3060

Environmental Engineers, Inc. has been retained by Towers of Mississippi and the State of Mississippi to prepare an Environmental Assessment (EA) for the proposed project. Please reference the Environmental Engineers, Inc. project number (JSE01P0919) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please contact me by telephone at (205) 629-3868, electronic mail at hfisher@envciv.com, or U.S. mail at the letterhead address if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map, Site Photographs, Aerial Photograph

7007 2680 0002 3656 3788

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$	1929/09
Certified Fee		JSE01P0916 JSE01P0917
Return Receipt Fee (Endorsement Required)		Postmark Here JSE01P0919
Restricted Delivery Fee (Endorsement Required)		JSE01P0921
Total Postage & Fees	$ 7.34	JSE01P0922 JSE01P0923

Sent To: Mr. Homer L. Wilkes, State Conservationist

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 — See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Homer L. Wilkes, State Conservationist
US Dept. of Agriculture, NRCS
100 W. Capital Street
Suite 1321 Federal Building
Jackson, MS 39269

COMPLETE THIS SECTION ON DELIVERY

A. Signature: x [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name): J Wing

C. Date of Delivery: 6/23/09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7007 2680 0002 3656 3788

PS Form 3811, February 2004 — Domestic Return Receipt — 102595-02-M-1540

United States Department of Agriculture

NRCS

Natural Resources Conservation Service
Suite 1321, Federal Building
100 West Capitol Street
Jackson, MS 39269

ENVIRONMENTAL ENGINEERS
NOV 09 2009
RECEIVED

November 4, 2009

Henry A. Fisher, P.E.
Principal Engineer
Environmental Engineers, Inc.
11578 US Highway 411
Odenvile, AL 35120

Dear Mr. Fisher:

This is in response to your letter dated October 20, 2009, regarding the Proposed MSWIN 20509 B Woodland Communications Tower in Woodland in Chickasaw County, Mississippi.

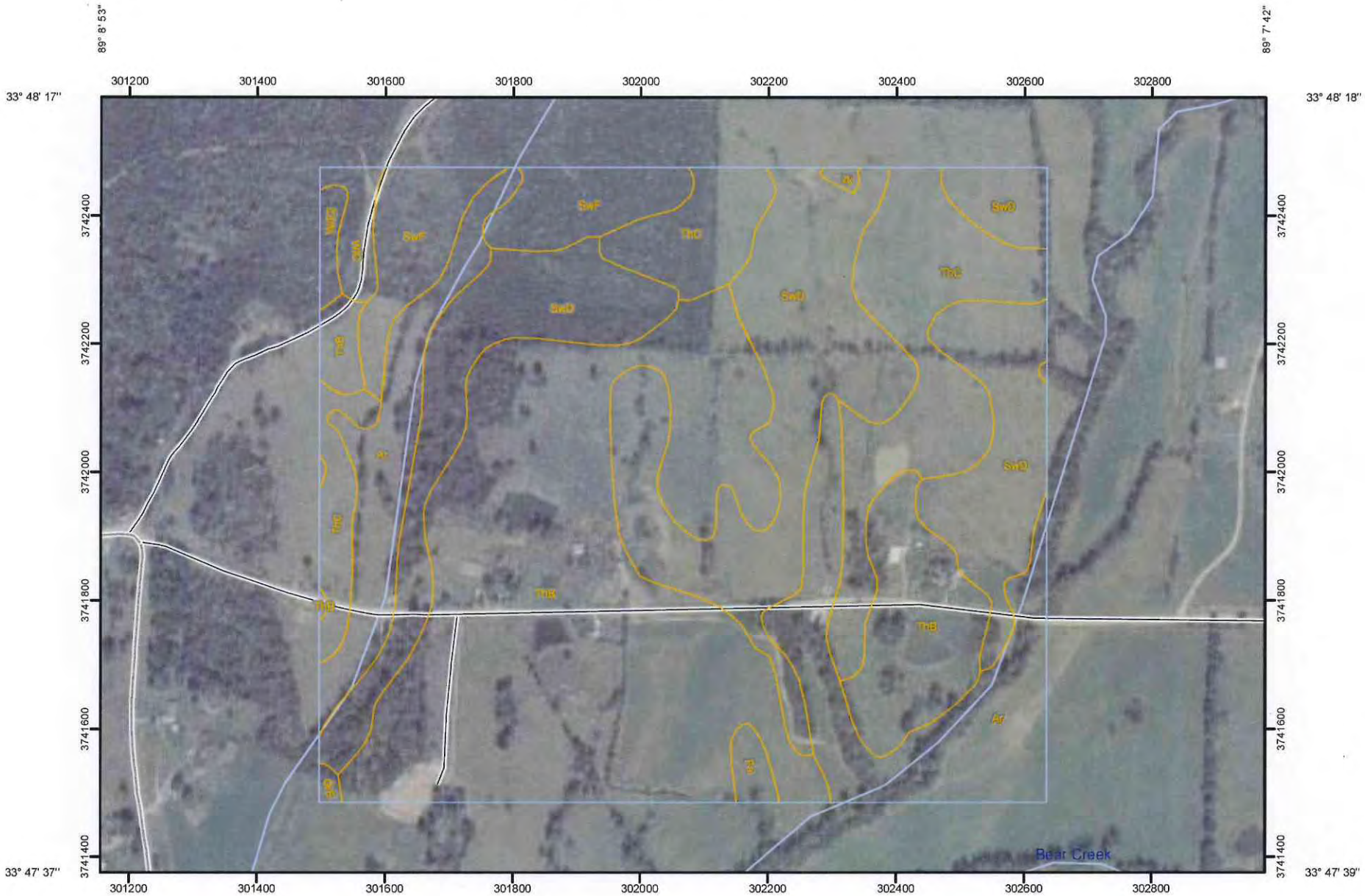
Permanent conversion of farm land is not proposed; therefore a FPPA determination is not required.

Sincerely,

Delaney B. Johnson
State Soil Scientist

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer



Map Scale: 1:8,650 if printed on A size (8.5" x 11") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 450 900 1,800 2,700

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Units

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features

- Gully
- Short Steep Slope
- Other

Political Features

- Cities

Water Features

- Oceans
- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:8,650 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 16N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chickasaw County, Mississippi
Survey Area Data: Version 6, Jan 24, 2008

Date(s) aerial images were photographed: 11/6/2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Chickasaw County, Mississippi (MS017)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Ar	Arkabutla silt loam	37.6	13.5%
Fa	Falkner silt loam	1.6	0.6%
GrE	Gullied land-Ruston complex, 5 to 30 percent slopes	0.4	0.2%
SwD	Sweatman loam, 8 to 12 percent slopes	75.7	27.2%
SwF	Sweatman loam, 12 to 35 percent slopes	15.8	5.7%
ThB	Tippah silt loam, 2 to 5 percent slopes	105.1	37.8%
ThC	Tippah silt loam, 5 to 8 percent slopes	36.8	13.3%
W	Water	0.4	0.1%
WIC	Wilcox silty clay loam, 5 to 8 percent slopes	3.0	1.1%
WIE2	Wilcox silty clay loam, 8 to 17 percent slopes, eroded	1.4	0.5%
Totals for Area of Interest		**277.9**	**100.0%**

Chickasaw County, Mississippi

SwD—Sweatman loam, 8 to 12 percent slopes

Map Unit Setting

Mean annual precipitation: 53 to 62 inches
Mean annual air temperature: 61 to 66 degrees F
Frost-free period: 250 to 310 days

Map Unit Composition

Sweatman and similar soils: 85 percent
Minor components: 15 percent

Description of Sweatman

Setting

Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Properties and qualities

Slope: 8 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 18 to 30 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Moderate (about 8.7 inches)

Interpretive groups

Land capability (nonirrigated): 6e

Typical profile

0 to 6 inches: Loam
6 to 29 inches: Silty clay
29 to 37 inches: Silty clay
37 to 50 inches: Stratified weathered bedrock to fine sandy loam

Minor Components

Tippah

Percent of map unit: 10 percent
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear

Wilcox

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear

Data Source Information

Soil Survey Area: Chickasaw County, Mississippi
Survey Area Data: Version 6, Jan 24, 2008

Chickasaw County, Mississippi

ThB—Tippah silt loam, 2 to 5 percent slopes

Map Unit Setting

Mean annual precipitation: 53 to 62 inches
Mean annual air temperature: 61 to 66 degrees F
Frost-free period: 250 to 310 days

Map Unit Composition

Tippah and similar soils: 85 percent
Minor components: 15 percent

Description of Tippah

Setting

Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess deposits

Properties and qualities

Slope: 2 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 18 to 30 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: High (about 11.2 inches)

Interpretive groups

Land capability (nonirrigated): 2e

Typical profile

0 to 6 inches: Silt loam
6 to 31 inches: Silty clay loam
31 to 60 inches: Silty clay

Minor Components

Adaton

Percent of map unit: 5 percent
Landform: Flats
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear

Falkner

Percent of map unit: 5 percent
Landform: Coastal plains
Landform position (two-dimensional): Summit

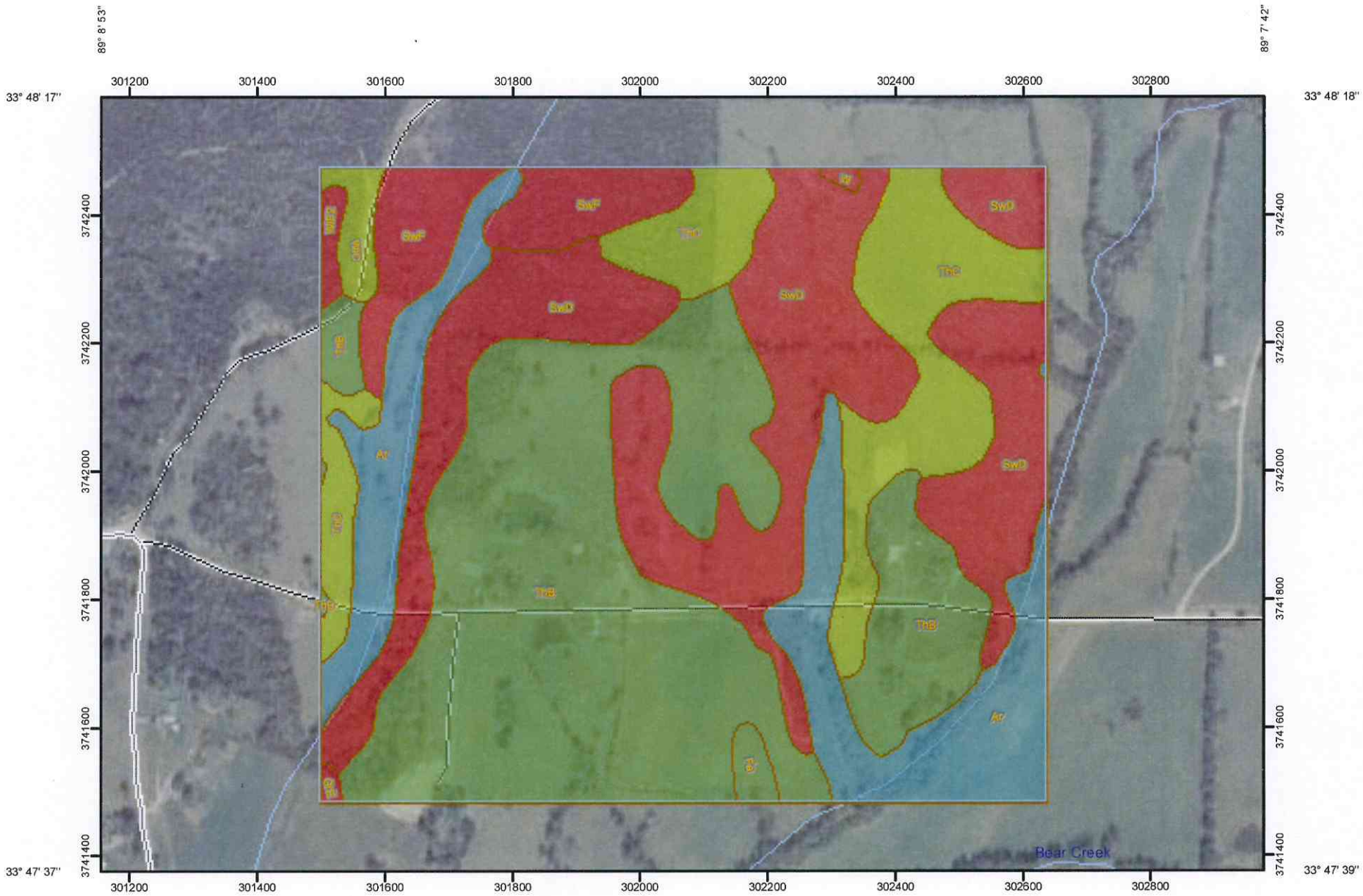
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear

Wilcox

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear

Data Source Information

Soil Survey Area: Chickasaw County, Mississippi
Survey Area Data: Version 6, Jan 24, 2008



Map Scale: 1:8,650 if printed on A size (8.5" x 11") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 450 900 1,800 2,700

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Units

Soil Ratings

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of local importance
- Farmland of unique importance
- Not rated or not available

Political Features

- Cities

Water Features

- Oceans
- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:8,650 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

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Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 16N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chickasaw County, Mississippi
Survey Area Data: Version 6, Jan 24, 2008

Date(s) aerial images were photographed: 11/6/2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Farmland Classification— Summary by Map Unit — Chickasaw County, Mississippi				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
Ar	Arkabutla silt loam	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	37.6	13.5%
Fa	Falkner silt loam	All areas are prime farmland	1.6	0.6%
GrE	Gullied land-Ruston complex, 5 to 30 percent slopes	Not prime farmland	0.4	0.2%
SwD	Sweatman loam, 8 to 12 percent slopes	Not prime farmland	75.7	27.2%
SwF	Sweatman loam, 12 to 35 percent slopes	Not prime farmland	15.8	5.7%
ThB	Tippah silt loam, 2 to 5 percent slopes	All areas are prime farmland	105.1	37.8%
ThC	Tippah silt loam, 5 to 8 percent slopes	Farmland of statewide importance	36.8	13.3%
W	Water	Not prime farmland	0.4	0.1%
WlC	Wilcox silty clay loam, 5 to 8 percent slopes	Farmland of statewide importance	3.0	1.1%
WlE2	Wilcox silty clay loam, 8 to 17 percent slopes, eroded	Not prime farmland	1.4	0.5%
Totals for Area of Interest			**277.9**	**100.0%**

Description

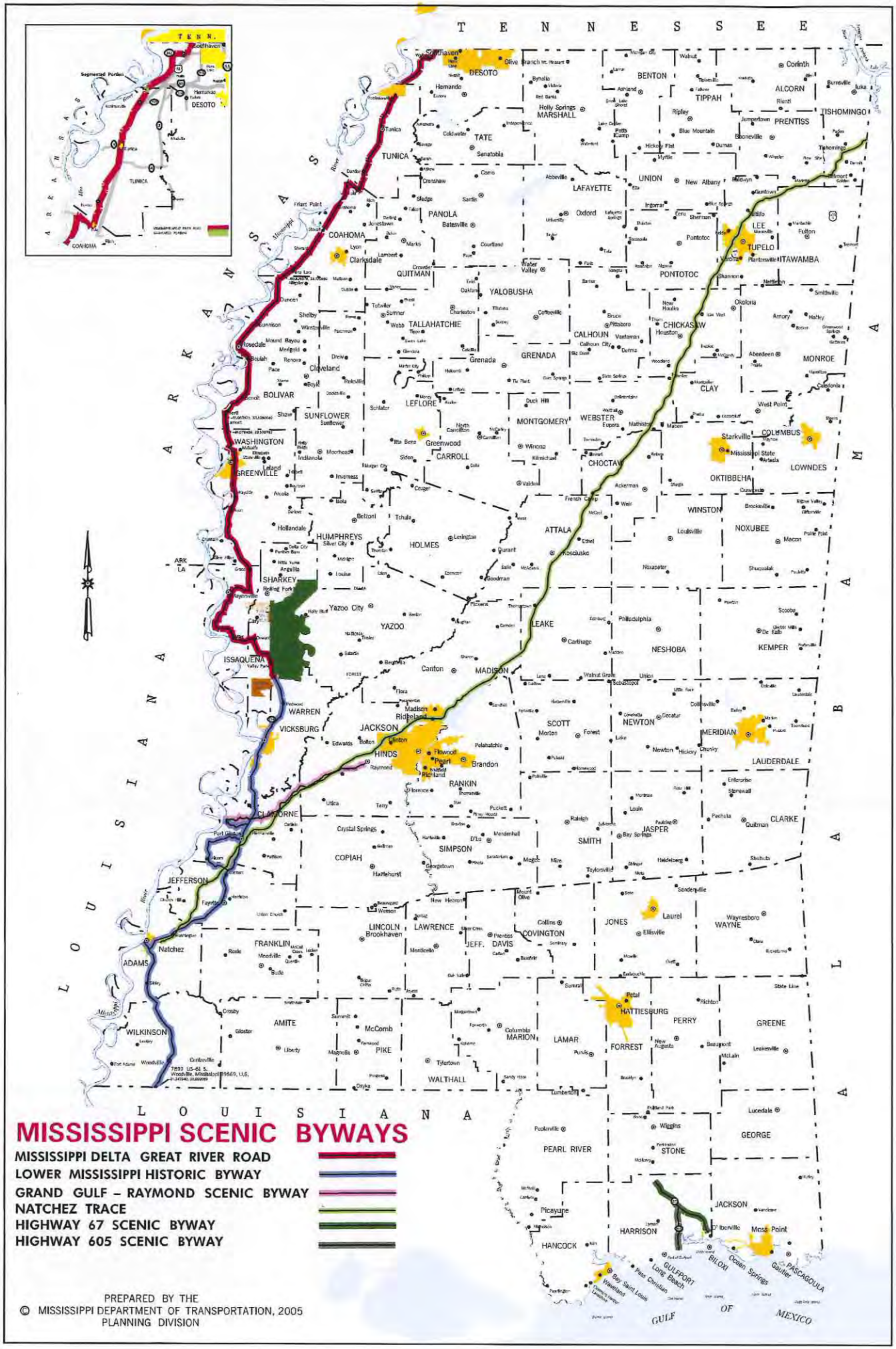
Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Appendix M


MISSISSIPPI SCENIC BYWAYS
MISSISSIPPI DELTA GREAT RIVER ROAD
LOWER MISSISSIPPI HISTORIC BYWAY
GRAND GULF – RAYMOND SCENIC BYWAY
NATCHEZ TRACE
HIGHWAY 67 SCENIC BYWAY
HIGHWAY 605 SCENIC BYWAY
PREPARED BY THE
© MISSISSIPPI DEPARTMENT OF TRANSPORTATION, 2005
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TENNESSEE
ARKANSAS
LOUISIANA
ALABAMA
GULF OF MEXICO
Southaven
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Hernando
Horn Lake
Tunica
Clarksdale
Friars Point
Coahoma
Rosedale
Cleveland
Greenville
Leland
Indianola
Greenwood
Grenada
Oxford
Tupelo
Corinth
Iuka
Starkville
Mississippi State
Columbus
West Point
Aberdeen
Natchez
Vicksburg
Port Gibson
Yazoo City
Canton
Madison
Ridgeland
Jackson
Pearl
Brandon
Flowood
Meridian
Laurel
Hattiesburg
Petal
Picayune
Pascagoula
Gautier
Ocean Springs
Biloxi
Gulfport
Long Beach
Pass Christian
Bay Saint Louis
Waveland
Diberville
Moss Point
Wiggins
Lucedale
Woodville
Centreville
7899 US-61 S.
Woodville, Mississippi 39669, U.S.
DESOTO
TATE
TUNICA
PANOLA
COAHOMA
QUITMAN
TALLAHATCHIE
YALOBUSHA
GRENADA
CALHOUN
CHICKASAW
PONTOTOC
UNION
LAFAYETTE
MARSHALL
BENTON
TIPPAH
ALCORN
TISHOMINGO
PRENTISS
ITAWAMBA
LEE
MONROE
CLAY
LOWNDES
OKTIBBEHA
WINSTON
NOXUBEE
KEMPER
NESHOBA
LAUDERDALE
CLARKE
JASPER
SMITH
JONES
WAYNE
GREENE
STONE
GEORGE
PERRY
FORREST
LAMAR
MARION
PEARL RIVER
HANCOCK
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AMITE
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FRANKLIN
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JEFF. DAVIS
COVINGTON
SIMPSON
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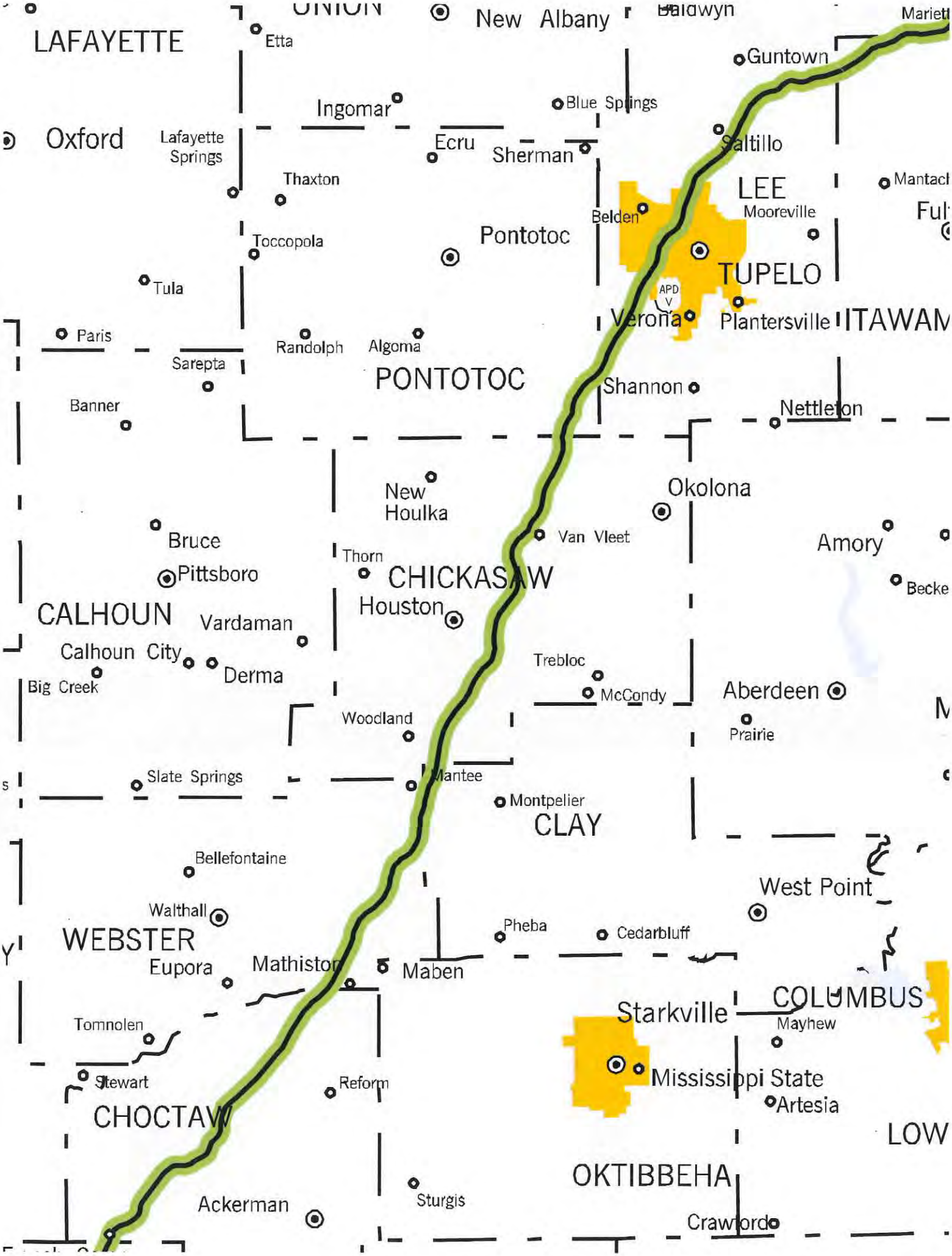
HINDS
SCOTT
NEWTON
LEAKE
MADISON
ATTALA
HOLMES
HUMPHREYS
YAZOO
SHARKEY
ISSAQUENA
WARREN
CLAIBORNE
BOLIVAR
SUNFLOWER
WASHINGTON
GREENVILLE
CARROLL
MONTGOMERY
WEBSTER
CHOCTAW
ARKANSAS
LOUISIANA
ALABAMA


LAFAYETTE
Etta
New Albany
Baldwyn
Guntown
Ingomar
Blue Springs
Oxford
Lafayette Springs
Ecru
Sherman
Saltillo
Thaxton
LEE
Mooreville
Belden
Toccopola
Pontotoc
TUPELO
Tula
APD
Verona
Plantersville
Paris
Randolph
Algoma
Sarepta
PONTOTOC
Shannon
Banner
Nettleton
New Houlka
Okolona
Bruce
Van Vleet
Amory
Thorn
Pittsboro
CHICKASAW
CALHOUN
Houston
Vardaman
Calhoun City
Derma
Trebloc
Big Creek
McCondy
Aberdeen
Woodland
Prairie
Slate Springs
Mantee
Montpelier
CLAY
Bellefontaine
West Point
Walthall
Pheba
Cedarbluff
WEBSTER
Eupora
Mathiston
Maben
COLUMBUS
Starkville
Tomnolen
Mayhew
Stewart
Reform
Mississippi State
Artesia
CHOCTAW
OKTIBBEHA
Sturgis
Ackerman
Crawford

Appendix N

Black Creek

Mississippi

DeSoto National Forest
654 West Frontage Road
Wiggins, Mississippi 39577

Designated Reach: October 30, 1986. The segment from Fairley Bridge Landing upstream to Moody's Landing.

Classification/Mileage: Scenic — 21.0 miles; Total — 21.0 miles.

This scenic southern river features deep, black water and contrasting white sand bars as it follows a meandering course through Mississippi's coastal plain. The river and area provide a variety of opportunities for backpacking and fishing and six launch points provide for canoeing.

Designated Wild & Scenic Rivers

Rivers that pass through several states may have segments in each state designated. For example, the Klamath River has designations i California and Oregon. Many rivers also have numerous tributaries designated (e.g., Washington's Skagit River). Multiple listings of some rivers indicate more than one segment of the river is designated (e.g., the Missouri River in Nebraska).

Alabama

- Black Warrior River (Sipsey Fork)

Top of the Page

Alaska

- Alagnak River — National Park Service Site
- Alatna River
- Andreafsky River
- Aniakchak River
- Beaver Creek — Bureau of Land Management Site
- Birch Creek — Bureau of Land Management Site
- Charley River — National Park Service Site
- Chilikadrotna River
- Delta River — Bureau of Land Management Site
- Fortymile River — Bureau of Land Management Site
- Gulkana River— Bureau of Land Management Site
- Ivishak River
- John River
- Kobuk River
- Koyukuk River (North Fork)
- Mulchatna River
- Noatak River
- Nowitna River
- Salmon River
- Selawik River
- Sheenjek River
- Tinayguk River
- Tlikakila River
- Unalakleet River — Bureau of Land Management Site
- Wind River

Top of the Page

Arizona

- Fossil Creek
- Verde River — U.S. Forest Service Site

Top of the Page

Arkansas

- Big Piney Creek
- Buffalo River
- Cossatot River
- Hurricane Creek
- Little Missouri River
- Mulberry River
- North Sylamore Creek
- Richland Creek

Cossatot River, Arkansas

Top of the Page

California

- Amargosa River
- American River (Lower)
- American River (North Fork) — Bureau of Land Management Site
- Bautista Creek
- Big Sur River
- Black Butte River
- Cottonwood Creek
- Eel River
- Feather River
- Fuller Mill Creek
- Kern River
- Kings River
- Klamath River — U.S. Forest Service Site
- Merced River — Bureau of Land Management Site
- Owens River Headwaters
- Palm Canyon Creek
- Piru Creek
- San Jacinto River (North Fork)
- Sespe Creek
- Sisquoc River
- Smith River
- Trinity River
- Tuolumne River — Bureau of Land Management Site

Top of the Page

Colorado

- Cache la Poudre River

Top of the Page

Connecticut

- Eightmile River
- Farmington River (West Branch) — Farmington River Committee Site

Top of the Page

Delaware

- White Clay Creek (See also Pennsylvania)

Top of the Page

Florida

- Loxahatchee River
- Wekiva River

Top of the Page

Georgia

- Chattooga River (See also North Carolina, South Carolina — U.S. Forest Service Site, Chattooga Net

Top of the Page

Idaho

- Battle Creek
- Big Jacks Creek
- Bruneau River
- Bruneau River (West Fork)
- Clearwater River (Middle Fork)
- Cottonwood Creek
- Deep Creek
- Dickshooter Creek

- Duncan Creek
- Jarbidge River
- Little Jacks Creek
- Owyhee River
- Owyhee River (North Fork)
- Owyhee River (South Fork)
- Red Canyon
- Rapid River
- Saint Joe River
- Salmon River
- Salmon River (Middle Fork)
- Sheep Creek
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- Instructions for the National Atlas Wild & Scenic Rivers Site (PDF).
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