



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

June 28, 2011

Stephen L. Nolen, Chief
Environmental Analysis and
Compliance Branch, Tulsa District
U.S. Army Corps of Engineers
1645 S. 101st East Avenue
Tulsa, OK 74128-4629

Dear Mr. Nolen:

This letter is in response to the U.S. Army Corps of Engineers (USACE) scoping request for the Environmental Impact Statement (EIS) for the Shoreline Management Plan (SMP) and supplement to the Master Plan (MP) for Eufaula Lake, Oklahoma. The EIS will evaluate alternatives and environmental impacts associated with specific proposals for recreational development facilities at Eufaula Lake. Our agency offers the comments below:

- project area is within 100 meters of regulated facilities;
- according to Region 6's Regional Ecological Assessment Protocol (REAP) data, the project area contains rare and/or sensitive vegetation/habitats; REAP is explained in more detail below;
- project area may contain threatened and endangered species and their critical habitat; consult with U.S. Fish and Wildlife Service;
- project area is near or within Tribal boundaries; and
- any actions that may affect jurisdictional waters of the U.S. pursuant to the revised SMP or MP must meet Section 404(b)(1) guidelines of the Clean Water Act.

Water quality data can be found and downloaded at EPA's STORET Data Warehouse (<http://www.epa.gov/STORET/>) which is a repository for water quality, biological, and physical data. The Regional Ecological Assessment Protocol (REAP) is an expansion of the Texas Ecological Assessment Protocol (TEAP) methodology to determine ecologically sensitive areas within EPA Region 6. These are planning tools that can be used to determine areas of rare and/or sensitive vegetation/habitats that should be avoided or protected when developing a project. REAP is a tool that uses existing Geographic Information System (GIS) data to classify land on the basis of ecological importance. For details and maps regarding these tools, please visit <http://www.epa.gov/region6/6en/xp/enxp2a4.htm>. Currently, only the TEAP GIS data is available. However, the REAP GIS data is still in review, but we will inform you when that data is available for Oklahoma.

Please see attached documentation and note that the proposed project may be subject to other federal, state, and local regulations. Thank you for your coordination and don't hesitate to contact John MacFarlane, of my staff, at 214-665-7491 or macfarlane.john@epa.gov if you have any questions or concerns regarding this letter.

Sincerely,

Rhonda Smith
Chief, Office of Planning and
Coordination

Enclosure

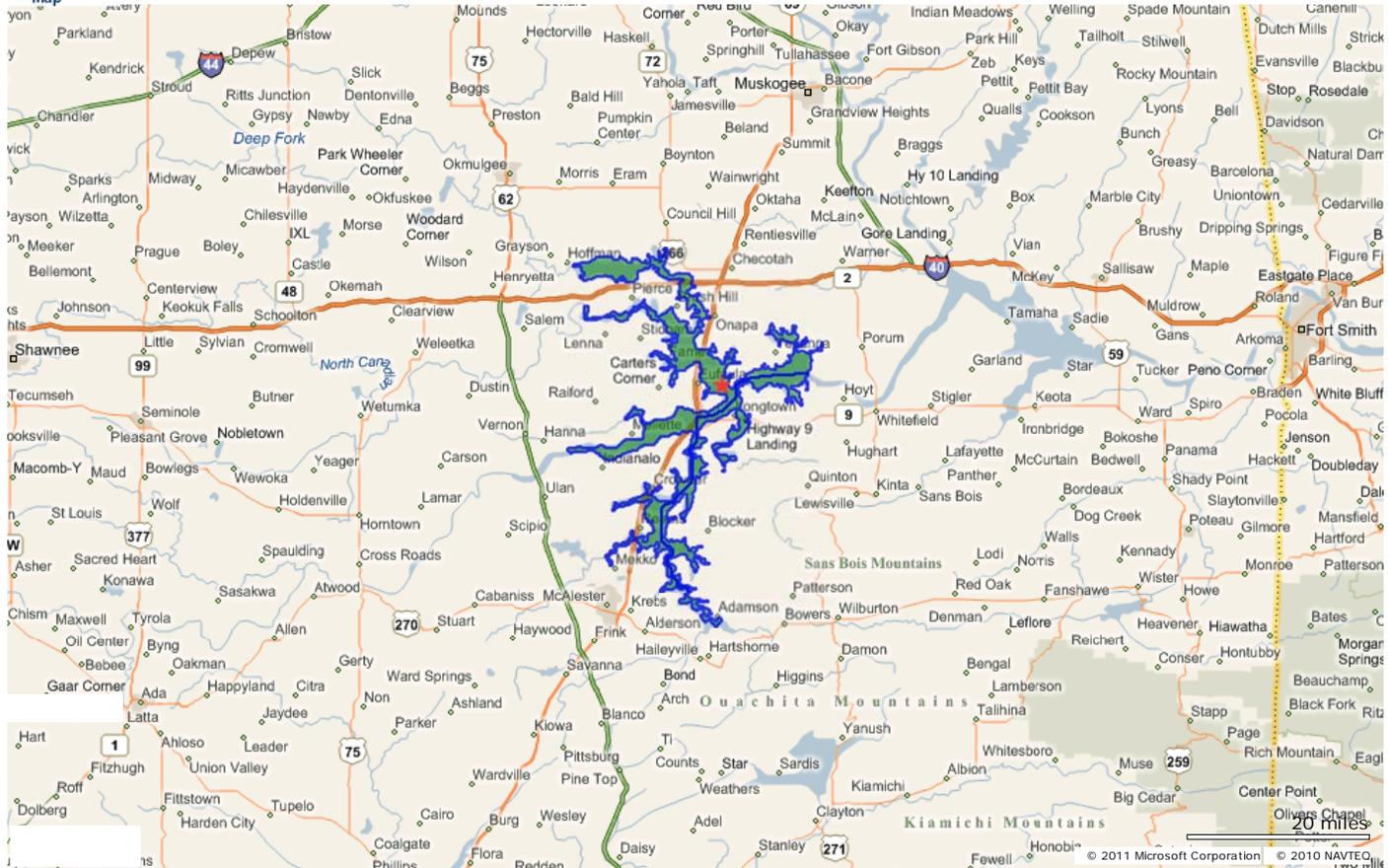
http://r6gis1.r06.epa.gov/NEPAVE/analysis_gisst.aspx?coords=Eufaula_Lake_gis.shp&type=c:\temp\nepave\
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NEPassist

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[Legend](#)
[Eufaula_Lake_gis.shp](#)
[Eufaula_Lake_gis.shp](#)



Combined polygon area 167.21 sq mi

Facility

Within 100 meters of a hospital?	no
Within 1000 meters of a hospital?	yes
Within 100 meters of a TRI facility?	no
Within 1000 meters of a TRI facility?	no
Within 100 meters of a regulated facility?	yes
Within 1000 meters of a regulated facility?	yes
Within 100 meters of an airport?	no

Water

Within 100 meters of a Wild and Scenic River?	no
Within an area over a Sole Source Aquifer?	no
Within the 100 year flood plain?	no
Within the 500 year flood plain?	no

[Within 400 meters of an NWI wetland?](#) [click here](#)
May take several minutes

Within an NLCD wetland?	yes
Within 1000 meters of an NLCD wetland?	yes

Ecology

Within a federal/state park or wildlife area?	yes
Within 1000 meters of a federal/state park or wildlife area?	yes
Within a critical habitat area?	no
Within 1000 meters of a critical habitat area?	no
Within 100 meters of a REAP Composite area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Diversity area that is within the Top 10% highest scores?	yes
Within 100 meters of a REAP Rarity area that is within the Top 10% highest scores?	yes

Within 100 meters of a REAP Sustainability area that is within the Top 10% highest scores?

yes

Other

Within 100 meters of a place on the National Historic Register?

no

Within 1000 meters of a place on the National Historic Register?

yes

Within 100 meters of a school?

no

Within 1000 meters of a school?

yes

Within a nonattainment area?

no

Within a previous nonattainment, maintenance, or EAC area?

no

Within 1000 meters of a Tribal boundary or property of interest?

yes

NatureServe data

Within an area with known rare, endangered, or at-risk species?

not available for
shapefiles

Download XML

GISST Analysis



NEPAssist

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http://r6gis1.r06.epa.gov/NEPAVEtools/NepaCall/NatureServeDrill.aspx
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NEPAssist NatureServe Report

This information is provided by [NatureServe](#) and its network of natural heritage member programs, a leading source of information about rare and endangered species, and threatened ecosystems. For more detail about the data and how the queries work, and links to related information resources, please review the report on "[How to Interpret the Data](#)".

Please note: As an EPA employee, you may receive more detailed information in the following NatureServe Reports than you are permitted to share in communications with outside stakeholders in accordance with the NatureServe data usage agreement with EPA. Read the references to data distribution in the [terms and conditions](#) carefully. Also, refer to the Data Distribution Restriction Section on the NatureServe entry page which provides acceptable types of statements that can be included in correspondence to outside stakeholders.

EPA pays for an annual subscription to the NatureServe web service data. While use of the web service for your business needs is strongly encouraged, please limit your use to queries you need for your work. If you encounter an error message when accessing the web service, please document the occurrence and send that information to: green.ana@epa.gov



Results for 0 meters from study area

Study area type: polygon

Total area of study area plus buffer: 393.64 sq km / 151.99 sq mi

Enter a new buffer distance and units for the selected study area.
Please be patient. Queries of large areas can take a minute or two.

[Hide Area Size Reference](#)

Size of Queried Area

Polygon larger than or equal to 36 sq. km (¼

Information Detail Returned

Exact species

Size of Queried Area

Information Detail Returned

quad)

Polygon smaller than 36 sq. km (¼ quad) and larger than or equal to 10 sq. km (¼ of ¼ quad)

Major taxonomic group

Polygon smaller than 10 sq. km (¼ of ¼ quad) and larger than or equal to 2.6 sq. km (1 sq. mile)

Known presence

Polygon smaller than 2.6 sq. km (1 sq. mile)

Data not available

Name		Taxonomy		Conservation Status	
Common Name	Scientific Name	Species Group (Broad)	Species Group (Fine)	NatureServe Global Status	Other Status
Cougar	<i>Puma concolor</i>	Animals, Vertebrates	Carnivores	<u>G5</u>	USES A Status: Implied Status: PS COSEWIC Status: Implied Status: PS IUCN Conservation Status: NT – Near threatened CITES Protection Status: Appendix II IUCN Conservation Status: LC – Least concern CITES Protection Status: Appendix II
North American River Otter	<i>Lontra canadensis</i>	Animals, Vertebrates	Carnivores	<u>G5</u>	IUCN Conservation Status: LC – Least concern CITES Protection Status: Appendix II
Spotted Bass	<i>Micropterus punctulatus</i>	Animals, Vertebrates	Bony Fishes	<u>G5</u>	
Arkansas River Speckled Chub	<i>Macrhybopsis tetranema</i>	Animals, Vertebrates	Bony Fishes	<u>G1</u>	AFS Status: Special Concern
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Animals, Vertebrates	Raptors	<u>G5</u>	USES A Status: Implied Status: PS COSEWIC Status: Not at Risk IUCN Conservation Status: LC – Least concern CITES

Name		Taxonomy		Conservation Status	
Common Name	Scientific Name	Species Group (Broad)	Species Group (Fine)	NatureServe Global Status	Other Status
Arkansas River Shiner	<i>Notropis girardi</i>	Animals, Vertebrates	Bony Fishes	G2	Protection Status: Appendix II UESA Status: Implied Status: PS:LT
Prairie Mole Cricket	<i>Gryllotalpa major</i>	Animals, Invertebrates	Other Insects	G3	IUCN Conservation Status: DD - Data deficient
One-flowered Broomrape	<i>Orobanche uniflora</i>	Plants, Vascular	Broom-Rape Family	G5	

There were no excluded areas found in the query area.

Information on the NatureServe Web Service – [Use Guidelines and Citation](#)

Report question: *Within 1000 meters of a Tribal boundary or property of interest?*

Modify question by entering a new buffer distance and unit for the selected study area:

Features within Study Area

Features found: 3

Name	Distance	Units
Cherokee OTSA	0	meters
Creek OTSA	0	meters
Choctaw OTSA	0	meters