

Environmental Review Record (ERR)

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3

Project Description & Site Maps

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3

PROJECT DESCRIPTION

The proposed project will use CDBG funds provided through the Texas Department of Agriculture to facilitate improvements to Etoile Water Supply Corporation's Water Plant #3 in southeastern Nacogdoches County, TX.

Etoile WSC has been cited by TCEQ for exceeding the maximum containment level for trihalomethanes (TTHM's). TTHM's are byproducts of the chlorine disinfection process. This process contains organic constituents that are a common occurrence in East Texas groundwater. To achieve a reduction in TTHM's the disinfection procedures have switched from the use of chlorine to chloramines. This results in less effective disinfection and impacts the overall taste of the water.

The proposed work will address the problems with disinfection and TTHM's through improvements at the site including a pH adjustment feed system to make the raw groundwater more treatable, construction of a new pressure filter with related valves, piping and backwash system, and installation of a new surge tank as a part of the filter system.

This will involve sitework, concrete work, grading, installation of the aforementioned pH Dosing Feed System, Surge Tank, Filtration Pressure Vessel, Backwash System, and all related Filter Media, Piping, Valves, and Appurtenances.

All work will take place inside the existing water plant – Etoile WSC Water Plant #3 (31.356122, -94.416314). No intrusion into surrounding areas or expansion of the site footprint will be required.

The project will benefit 1,008 persons, of which 606 (60.12%) are of low to moderate income

Estimated Project Cost: \$275,000.00 in CDBG funds administered by the TDA.

ERR is site specific

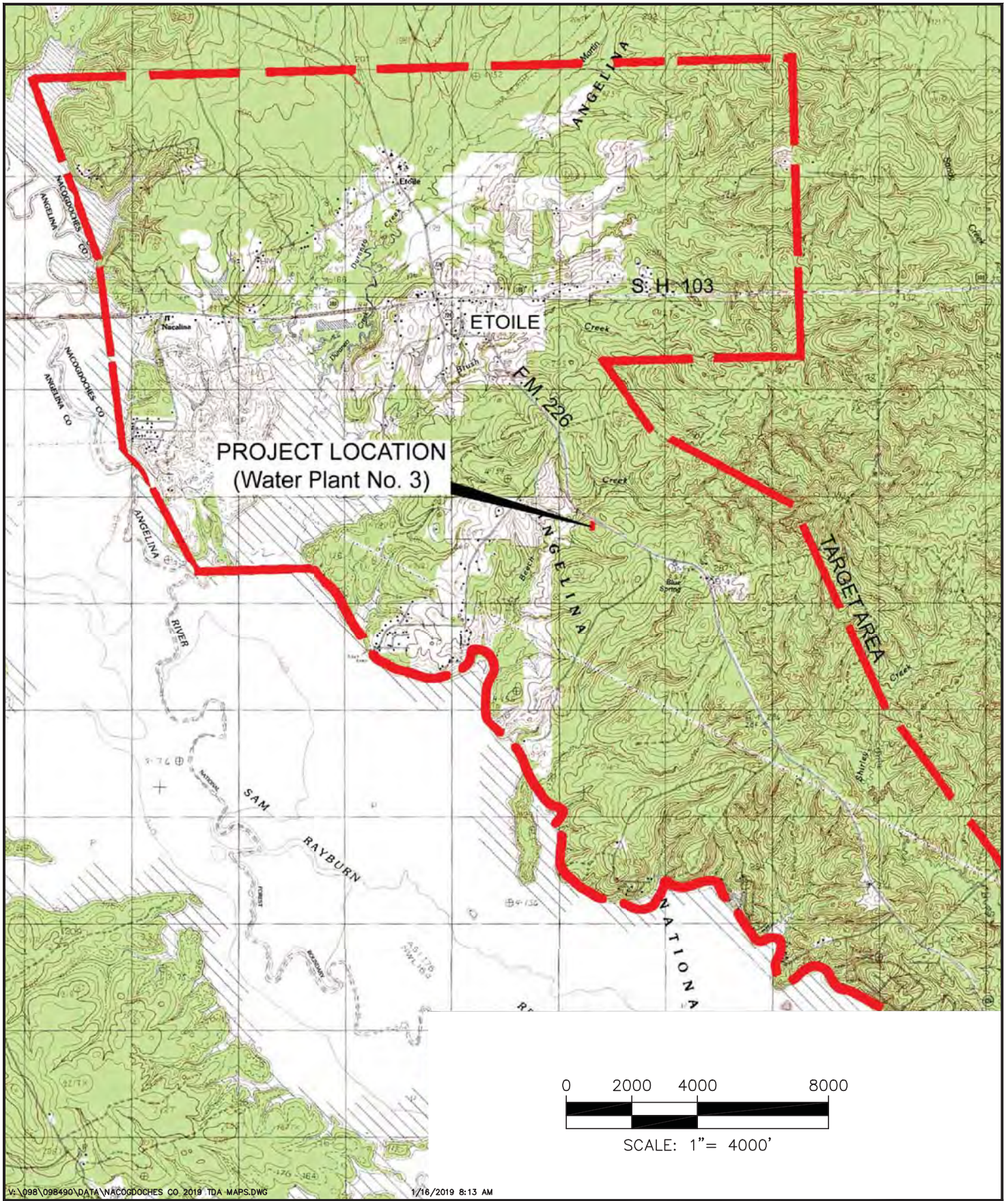


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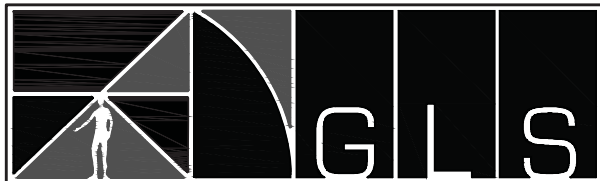
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DATE 1/31/19	DRAWN BY: JMO	APPV'D BY: PGO	SCALE 1" = 0'	JOB NUMBER 098490
2019-20 TDA CDBG APPLICATION NACOGDOCHES COUNTY WATER IMPROVEMENTS COUNTY MAP				SHEET NO. L1
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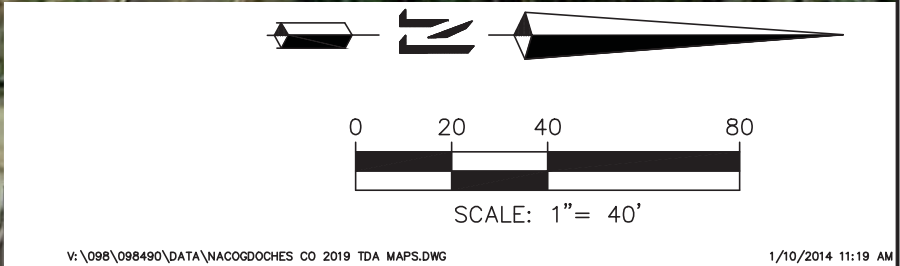


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DATE 1/31/19	DRAWN BY: JMO	APP'VD BY: PGO	SCALE 1" = 4000'	JOB NUMBER 098490
2019-20 TDA CDBG APPLICATION NACOGDOCHES COUNTY WATER IMPROVEMENTS LOCATION MAP				SHEET NO. L2
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DATE 1/31/19	DRAWN BY: JMO	APPV'D BY: PGO	SCALE 1" = 40'	JOB NUMBER 098490
2019-20 TDA CDBG APPLICATION NACOGDOCHES COUNTY WATER IMPROVEMENTS PROJECT LOCATION				SHEET NO. L3
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RROF & Related

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3

NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS

April 19, 2020

Nacogdoches County, TX

101 West Main Street, STE 170

Nacogdoches, TX 75961

(936) 560-7755

On or about Tuesday, April 28, 2020 the County of Nacogdoches, TX will submit a request to the Texas Department of Agriculture for the release of Community Development Block Grant funds under Title 1 of the Housing and Community Development Act of 1974, as amended, to undertake a project known as Nacogdoches County 7219300, Water Improvements for the purpose of facilitating improvements to the existing Etoile WSC Plant #3 at 18676 FM 226, Etoile, Nacogdoches County, TX 75944 (31.356122, -94.416314). The proposed work will facilitate the installation of a pH adjustment feed system and will require some associated concrete work and grading at the site, along with the installation of a surge tank, filtration pressure vessel, backwash system, and related piping valves. All work will be confined to the footprint of the existing plant site. The project will be completed with HUD CDBG funds in the amount of \$275,000.00

The activities proposed: are categorically excluded under HUD regulations at 24 CFR Part 58 from National Environmental Policy Act (NEPA) requirements. An Environmental Review Record (ERR) that documents the environmental determinations for this project is on file at the Nacogdoches County Courthouse, office of the County Judge, 101 West Main Street, STE 170, Nacogdoches, TX 75961 and may be examined or copied weekdays 8:00 A.M to 5:00 P.M. unless restricted by current health orders. Additional project information is contained in the Environmental Review Record (ERR). The ERR will be made available to the public for review either electronically or by U.S. mail. Please submit your request by U.S. mail to the above address, attention Ms. Shannon Burkley, Court Administrator, or by e-mail to s.burkley@co.nacogdoches.tx.us. The ERR can be accessed on the following website, www.co.nacogdoches.tx.us.

PUBLIC COMMENTS

Any individual, group, or agency may submit written comments on the ERR to the County of Nacogdoches, TX. All comments received by Monday, April 27, 2020 will be considered by the County prior to authorizing submission of a request for release of funds. Objections must be prepared and submitted via email in accordance with the required procedures (24 CFR Part 58, Sec. 58.76) and shall be addressed to The County of Nacogdoches at s.burkley@co.nacogdoches.tx.us. Potential objectors should contact the County via email to verify the actual last day of the objection period.

ENVIRONMENTAL CERTIFICATION

The County of Nacogdoches, TX certifies to the Texas Department of Agriculture that Greg Sowell in his capacity as County Judge consents to accept the jurisdiction of the Federal Courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. The Texas Department of Agriculture's approval of the certification satisfies its responsibilities under NEPA and related laws and authorities and allows the County of Nacogdoches, TX to use Program funds.

OBJECTIONS TO RELEASE OF FUNDS

The Texas Department of Agriculture (TDA) will accept objections to its release of fund and the County of Nacogdoches' certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later) only if they are on one of the following bases: (a) the certification was not executed by the Certifying Officer of the County of Nacogdoches, TX; (b) the County of Nacogdoches, TX has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before approval of a release of funds by the Texas Department of Agriculture; or (d) another Federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality. Objections must be prepared and submitted in accordance with the required procedures (24 CFR Part 58, Sec. 58.76) and shall be addressed to Pamela Wozniak, TDA Environmental Review Specialist at Pamela.Wozniak@TexasAgriculture.gov. Potential objectors should contact TDA at (512) 936-6709 to verify the actual last day of the objection period.

Greg Sowell
County Judge
Nacogdoches County, TX

Statutory Checklist

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3



Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5

Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: CDBG Water Improvements – Etoile WSC Plant #3

Responsible Entity: County of Nacogdoches, TX

Grant Recipient (if different than Responsible Entity): Same

State/Local Identifier: CDBG 7219300 - Water

Preparer: Wesley McPhail, David J. Waxman, Inc.

Certifying Officer Name and Title: Greg Sowell, County Judge

Grant Recipient (if different than Responsible Entity): Same

Consultant (if applicable): David J. Waxman, Inc.

Direct Comments to: Greg Sowell, County Judge, Nacogdoches County, 101 West Main Street, STE 170, Nacogdoches, TX 75961 (936) 560-7755

Project Location: Etoile WSC Water Plant #3, 18676 FM 226, Etoile, Nacogdoches County, TX 75944 (31.356122, -94.416314).

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]: The proposed work will address the problems with disinfection and TTHM's through improvements at the site including a pH adjustment feed system to make the raw groundwater more treatable, construction of a new pressure filter with related valves, piping and backwash system, and installation of a new surge tank as a part of the filter system.

This will involve sitework, concrete work, grading, installation of the aforementioned pH Dosing Feed System, Surge Tank, Filtration Pressure Vessel, Backwash System, and all related Filter Media, Piping, Valves, and Appurtenances.

No intrusion into surrounding areas or expansion of the site footprint will be required.

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5: (1) Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and

improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets).

Funding Information

Grant Number	HUD Program	Funding Amount
CDBG 7219300	CDBG	\$275,000.00

Estimated Total HUD Funded Amount: \$275,000.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$275,000.00
 CDBG funds administered by the TDA.

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project will involve improvements to Etoile Water Supply Corporation Plant #3. The nearest Civilian Airfield – A.L. Mangham Jr. Regional Airport – KOCH – is separated by a distance of more than 22 miles. This is the only FAA listed NPIAS Airport in the entire county. There are no military airfields in the whole of

Nacogdoches County - 7219300 - Water

		<p>Nacogdoches County.</p> <p>See associated worksheet along with maps and data taken from www.tollfreeairline.com, www.airnav.com, https://www.faa.gov/airports/planning_capacity/npias/reports/media/NPIAS-Report-2019-2023-Appendix-B.pdf, https://www.globalsecurity.org/jhtml/jframe.html#https://www.globalsecurity.org/military/facility/images/bases.pdf , and Google Earth.</p>
<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Nacogdoches County is situated approximately 128 miles north of the nearest CBRS unit.</p> <p>See maps and data gathered from https://www.fws.gov/cbra/maps/index.html and Google Earth.</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property.</p> <p>The County of Nacogdoches is a participating community in FEMA’s National Flood Program. See information taken from https://www.fema.gov/cis/TX.pdf</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Nacogdoches County is not designated as NON-ATTAINMENT by the EPA.</p> <p>See worksheet and associated maps and data taken from https://www3.epa.gov/airquality/greenbook/map/mapnpoll.pdf and Google Earth</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Etoile WSC Plant #3 is situated in Nacogdoches Co. approximately 81 miles North of the Texas Coastal Zone.</p> <p>See worksheet and associated maps and data taken from https://glo.texas.gov/coast/coastal-management/forms/files/CoastalBoundaryM</p>

Nacogdoches County - 7219300 - Water

<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>ap.pdf, and Google Earth.</p> <p>The project will involve the rehabilitation of an existing Water Plant. No area businesses or industry will interfere with the intent of the project. The facility is already in place. There are no Municipal Solid Waste Facilities in the area and nothing present that will interfere with the intended purpose of said sites – all sites are existing. There are no contaminants present that will impact the intended usage of the project, and no EPA identified sites in the vicinity.</p> <p>See maps and data taken from https://nepassisttool.epa.gov/nepassist/nepa_map.aspx; and https://tceq.maps.arcgis.com/</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will involve within the Etoile WSC Plant #3 in Nacogdoches County, TX. The project does not involve any land acquisition or changes in site footprints. The work will take place in the existing site footprint. The project will not involve any disturbance of previously undisturbed land and no “new construction”. There are no Critical Habitats in the area and the project will not result in any “TAKE” of threatened or endangered species habitats. No threatened or endangered species have been observed at these sites including the Least Tern, Piping Plover, Red Knot, Red-cockaded Woodpecker, or Neches River Rose-mallow. Since there will be no take of habitat the project should not impact Migratory Bird species including the Bald Eagle or Red-headed Woodpecker</p> <p>See maps and data taken from http://eco.fws.gov/ipac/, https://tpwd.gov/gis/rtest/, www.ebird.org, along with endangered species memo signed by the County Judge.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will facilitate improvements to an existing water plant. The project does not involve development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible</p>

Nacogdoches County - 7219300 - Water

		<p>chemicals and does not involve development, construction, or rehabilitation that will increase residential densities. Nor does the project involve any land use conversion.</p> <p>See maps and data gathered from https://nepassisttool.epa.gov/nepassist/nepa_map.aspx and Google Earth.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will involve the rehabilitation of an existing Water Plant. This will not include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use. All work will be within the existing site footprint without any increases in size. None of the proposed project areas are designated as prime farmland by USDA</p> <p>See maps and data gathered from https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project involves improvements to an existing water plant. The water plant is not situated in a designated floodplain.</p> <p>See information taken from https://msc.fema.gov, including active FIRM Panel 48347C0575C dated 5/20/2010.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will involve improvements to an existing water plant – Etoile WSC Plant #3 in Nacogdoches Co. The project is near a non-historic cemetery – Blue Springs Cemetery, but no designated historic sights. Letters were sent to the Alabama Coushatta Tribe of Texas, Apache Tribe of Oklahoma, Caddo Nation, Coushatta Tribe of Louisiana, Tonkawa Tribe of Oklahoma, Wichita & Affiliated Tribes of Oklahoma on 2/14/2020. The Coushatta Tribe of LA submitted a “No Impact Response on 2/28/2020. No other tribal responses or comments were received. Contact also went out to the Nacogdoches Co. Historical Commission and THC. No response was received from the</p>

Nacogdoches County - 7219300 - Water

		<p>Nacogdoches Co. Historical Commission. THC returned a finding of “No Impact” on 3/12/2020.</p> <p>See associated worksheet and SHPO tab with copies of correspondence with maps and data pulled from https://atlas.thc.state.tx.us/Map as well as record of THC’s “No Impact” finding.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will involve improvements to an existing water plant – Etoile WSC Plant #3. There are no noise sensitive sites in the immediate vicinity of the project and the project isn’t a “noise sensitive use.” There will be increased ambient noise during the construction phase, but this will be short term. The project will not result in any increases in ambient noise levels.</p> <p>See maps and data gathered from https://nepassisttool.epa.gov/nepassist/nepa_map.aspx</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will not impact any soul source aquifers. The Nacogdoches County is situated approximately 205miles East of the Edwards Aquifer System in Central Texas and 66 miles to the West of the Chicot Aquifer in Louisiana. Neither will be affected by the improvements at Etoile WSC Plant #3.</p> <p>See maps and data taken from https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b and Google Earth</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project involves improvements to an existing water plant – Etoile WSC #3 – in Nacogdoches Co. There will be some minor ground disturbance within the existing site to accommodate the improvements, but all work will be in association with existing systems. There are no wetland features in or immediately adjacent to the site.</p> <p>See maps and data taken from https://www.fws.gov/wetlands/data/mapper.html and Google Earth</p>

<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will involve improvements to an existing water plant. There are no NRI study rivers in the vicinity of the site and the nearest designated wild and scenic river in the State of TX is the Rio Grande – approximately 451 miles to the West. The Saline Bayou, Louisiana’s only designated wild and scenic river is situated approximately 96 miles North/Northeast of the project site.</p> <p>See information taken from www.rivers.gov, www.nps.gov, and Google Earth</p>
<p>ENVIRONMENTAL JUSTICE</p>		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project will facilitate improvement to the existing Etoile WSC #3 water plant. The cumulative effect of the project will be beneficial as it will provide better water facilities and address TCEQ concerns.</p> <p>See project description along with maps and data taken from https://ejscreen.epa.gov/mapper/</p>

Field Inspection (Date and completed by): 3/16/2020 by Pat Oates.

Summary of Findings and Conclusions: The proposed scope of work is necessary to address deficiencies in the current disinfection system at the Etoile WSC Plant #3 in the Nacogdoches County. These deficiencies, dealing with the proper handling and containment of trihalomethanes (TTHM’s), were cited by TCEQ. The County must undertake these improvements to address TCEQ’s citation. Doing so will not only bring the TTHM levels into compliance, but will also improve the overall taste of the water. The plant is situated along CR 226 outside of Etoile. The site is self-contained and the proposed work will not result in any adverse impacts to any of the above listed environmental categories. All of the proposed systems will be installed in the existing footprint, many in conjunction with existing systems. Ground disturbance will be minimal, and will be solely within the footprint of the existing plant site. There are no nearby homes, business, or other structures that would be disturbed by temporary construction noise at the site. In summary, the proposed work is necessary to meet TCEQ’s order, will improve the water quality for approximately 1,008 individuals, and does not pose any threat to environmental factors.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into

Nacogdoches County - 7219300 - Water

project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
None Required	

Determination:

- This categorically excluded activity/project converts to Exempt, per 58.34(a)(12) because there are no circumstances which require compliance with any of the federal laws and authorities cited at §58.5. **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR
- This categorically excluded activity/project cannot convert to Exempt because there are circumstances which require compliance with one or more federal laws and authorities cited at §58.5. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain "Authority to Use Grant Funds"** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- This project is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature: Wesley McPhail Date: 4/16/20

Name/Title/Organization: Wesley McPhail, David J. Waxman, Inc.

Responsible Entity Agency Official Signature:

Greg Sowell Date: 4.16.2020

Name/Title: Greg Sowell, County Judge, Nacogdoches Co.

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

SHPO & Tribal Data

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3

From: noreply@thc.state.tx.us
To: wesley.mcphail@sbcglobal.net; reviews@thc.state.tx.us
Subject: Project Review: 202007057
Date: Thursday, March 12, 2020 3:14:12 PM



Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas

THC Tracking #202007057

Etoile WSC Plant 3 Improvements
FM HWY 226
Nacogdoches, TX 75944

Dear Wesley McPhail:

Thank you for your submittal regarding the above-referenced project. This response represents the comments of the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission (THC), pursuant to review under Section 106 of the National Historic Preservation Act and the Antiquities Code of Texas.

The review staff led by Maggie Moore and Caitlin Brashear has completed its review and has made the following determinations based on the information submitted for review:

Above-Ground Resources

- No historic properties are present or affected by the project as proposed. However, if historic properties are discovered or unanticipated effects on historic properties are found, work should cease in the immediate area; work can continue where no historic properties are present. Please contact the THC's History Programs Division at 512-463-5853 to consult on further actions that may be necessary to protect historic properties.

Archeology Comments

- No historic properties present or affected. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers:
Maggie.Moore@thc.texas.gov, caitlin.brashear@thc.texas.gov

This response has been sent through the electronic THC review and compliance system (eTRAC). Submitting your project via eTRAC eliminates mailing delays and allows you to check the status of the review, receive an electronic response, and generate reports on your submissions. For more information, visit <http://thc.texas.gov/etrac-system>.

Sincerely,



For Mark Wolfe, State Historic Preservation Officer
Executive Director, Texas Historical Commission

Please do not respond to this email.

Wesley McPhail

From: Info_Tech@thc.state.tx.us
Sent: Friday, February 14, 2020 10:29 AM
To: wesley.mcphail@sbcglobal.net
Subject: Project Review Submission

Thank you for submitting project: Etoile WSC Plant 3 Improvements

Tracking Number: 202007057

Due Date: 3/15/2020 8:36:44 AM

TEXAS HISTORICAL COMMISSION



Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Mr. Mark Wolfe
State Historic Preservation Officer
Texas Historical Commission
1511 Colorado Street
Austin, TX 78701

RE: Consultation Under Section 106 of the National Historic Preservation Act and the Antiquities Code of Texas for Nacogdoches County, Etoile WSC 3 Plant Improvement Under the Texas Community Block Grant Program – CDBG Project #7219300

Dear Mr. Wolfe,

The County of Nacogdoches, TX has been awarded a Community Development Block Grant (CDBG) project from the Texas Department of Agriculture (TDA). The grant (Nacogdoches Co. 7219300) will facilitate improvements to Etoile Water Supply Corporation's Plant #3 located off FM 226 in Nacogdoches, Co (31.356122, -94.416314). Please see the attached project description, maps, and cost estimate as they will provide a better understanding of the project.

In accordance with 36 CFR 800.4 (a) and the Antiquities Code of Texas, (Texas Natural Resources Code Section 191.001 et seq.), the County has reviewed the Texas Historic Sites Atlas for Nacogdoches County. The atlas lists 338 results countywide and has been compared it to the Texas Historical Commission's Atlas Map. This has revealed that only one (1) THC listed site is situated within the vicinity (1 mile) of the project: Blue Springs Cemetery (Atlas #7347000605) located off FM 226 approximately ½ mile south/southeast of the plant site. The County has also consulted with Dr. Morris Jackson, Chair of the Nacogdoches County Historical Commission.

There will be some short-term impacts during the construction period of the project, but none that should adversely impact any historical sites or features as all work shall be confined to the existing plant site. Once work begins, the responsible project contractor will use accepted methods of dust and noise abatement, as well as debris and material handling procedures during the entire construction phase.

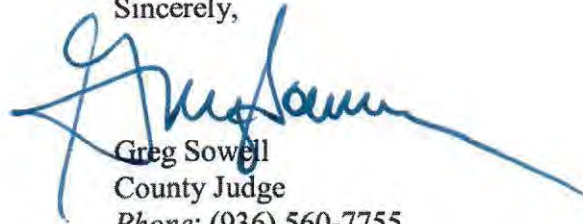
101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

Please refer to the attached THC Request for SHPO Consultation Form, THC Atlas List of 338 sites in Nacogdoches County, TX, project description, along with THC and project site maps showing the location of the work zone.

If you disagree with the County's finding of no adverse effect, have any additional information that the County should consider, or have any questions, please do not hesitate to contact us. If we do not hear from you within 30 calendar days, we will assume that you agree with our determination and will proceed with the project.

Sincerely,



Greg Sowell
County Judge

Phone: (936) 560-7755

Fax: (936) 560-7841

cojudge@co.nacogdoches.tx.us

Enclosures

cc: *David J. Waxman, Inc.*

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 11:02 AM
To: 'mojac011@yahoo.com'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: SHPO Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Local HPO.pdf; SHPO Consultation - Nacogdoches Co..pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear Dr. Jackson,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

The information contained in this e-mail is confidential and may be legally privileged. It is intended solely for the addressee. If you are not the intended recipient, any disclosure, copying, distribution, or any action or act of forbearance taken in reliance on it, is prohibited and may be unlawful. Any views expressed in this e-mail are those of the individual sender, except where the sender specifically states them to be the view of David J. Waxman, Inc. or Waxmans, III or any of its affiliates or subsidiaries.



Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Dr. Morris Jackson
Chair, Nacogdoches Co. Historical Commission
P.O. Box 630708
Nacogdoches, TX 75963

RE: Consultation Under Section 106 of the National Historic Preservation Act and the Antiquities Code of Texas for Nacogdoches County, Etoile WSC 3 Plant Improvement Under the Texas Community Block Grant Program – CDBG Project #7219300

Dear Dr. Jackson,

The County of Nacogdoches, TX has been awarded a Community Development Block Grant (CDBG) project from the Texas Department of Agriculture (TDA). The grant (Nacogdoches Co. 7219300) will facilitate improvements to Etoile Water Supply Corporation's Plant #3 located off FM 226 in Nacogdoches, Co (31.356122, -94.416314). Please see the attached project description, maps, and cost estimate as they will provide a better understanding of the project.

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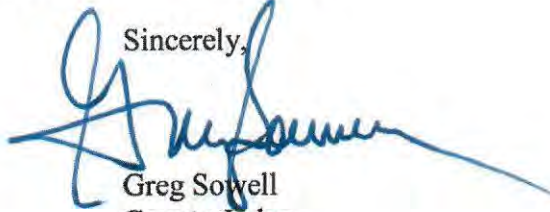
101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

Please refer to the attached THC Request for SHPO Consultation Form, THC Atlas List of 338 sites in Nacogdoches County, TX, project description, along with THC and project site maps showing the location of the work zone.

If you disagree with the County's finding of no adverse effect, have any additional information that the County should consider, or have any questions, please do not hesitate to contact us. If we do not hear from you within 30 calendar days, we will assume that you agree with our determination and will proceed with the project.

Sincerely,



Greg Sowell

County Judge

Phone: (936) 560-7755

Fax: (936) 560-7841

cojudge@co.nacogdoches.tx.us

Enclosures

cc: *David J. Waxman, Inc.*

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:34 AM
To: tccflores@actribe.org
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Alabama Coushatta Chairperson.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear Flores,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Chairperson Cecilia Flores
Alabama-Coushatta Tribe of Texas
571 State Park Road 56
Livingston, TX 77351

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear Chairperson Flores,

The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

Under HUD regulation 24 CFR 58.4 the County of Nacogdoches, TX has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and structures with significant tribal association.

The County will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize, or mitigate potential adverse effects.

If you are interested in being a consulting party on this project please let us know within 30 days. This will enable us to stay within the allotted project timeframe. Please note any initial concerns regarding project impacts on religious or cultural properties in your response. If you do not wish to consult on this project, please notify us as well.

101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

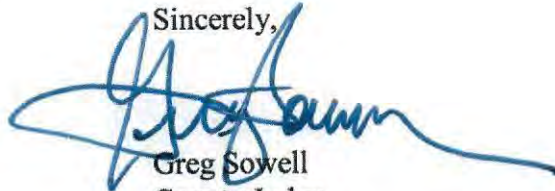
More information on the Section 106 review process is available at <https://files.hudexchange.info/resources/documents/Historic-Preservation-Basics.pdf>. HUD's process for tribal consultation under Section 106 is described in a notice available at <https://files.hudexchange.info/resources/documents/Notice-CPD-12-006-Tribal-Consultation-Under-24-Cfr-Part-58.pdf>.

If you do wish to act as a consulting party on this project please include the name and contact information the individual that will serve as your tribe's principal representative during this process as part of your response.

We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:37 AM
To: 'Celestine.Bryant@actribe.org'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Alabama Coushatta THPO.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear THPO Celestine,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

THPO Bryant Celestine
Alabama-Coushatta Tribe of Texas
571 State Park Road 56
Livingston, TX 77351

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear THPO Celestine,

The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

Under HUD regulation 24 CFR 58.4 the County of Nacogdoches, TX has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and structures with significant tribal association.

The County will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize, or mitigate potential adverse effects.

If you are interested in being a consulting party on this project please let us know within 30 days. This will enable us to stay within the allotted project timeframe. Please note any initial concerns regarding project impacts on religious or cultural properties in your response. If you do not wish to consult on this project, please notify us as well.

101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

More information on the Section 106 review process is available at <https://files.hudexchange.info/resources/documents/Historic-Preservation-Basics.pdf>. HUD's process for tribal consultation under Section 106 is described in a notice available at <https://files.hudexchange.info/resources/documents/Notice-CPD-12-006-Tribal-Consultation-Under-24-Cfr-Part-58.pdf>.

If you do wish to act as a consulting party on this project please include the name and contact information the individual that will serve as your tribe's principal representative during this process as part of your response.

We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:37 AM
To: bkomardley@outlook.com
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Apache Chairman.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear Chairman Komardley,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Chairman Bobby Komardly
Apache Tribe of Oklahoma
P.O. Box 1330
Anadarko, OK 73005

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear Chairman Komardly,

The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

Under HUD regulation 24 CFR 58.4 the County of Nacogdoches, TX has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and structures with significant tribal association.

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101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

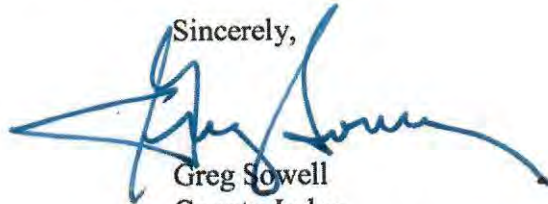
More information on the Section 106 review process is available at <https://files.hudexchange.info/resources/documents/Historic-Preservation-Basics.pdf>. HUD's process for tribal consultation under Section 106 is described in a notice available at <https://files.hudexchange.info/resources/documents/Notice-CPD-12-006-Tribal-Consultation-Under-24-Cfr-Part-58.pdf>.

If you do wish to act as a consulting party on this project please include the name and contact information the individual that will serve as your tribe's principal representative during this process as part of your response.

We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:37 AM
To: 'tffourkiller.cn@gmail.com'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Caddo Chairperson.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear Chairperson Fourkiller,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

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Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Chairperson Tamara Francis Fourkiller
Caddo Nation of Oklahoma
P.O. Box 487
Binger, OK 73009

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear Chairperson Fourkiller,

The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

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County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

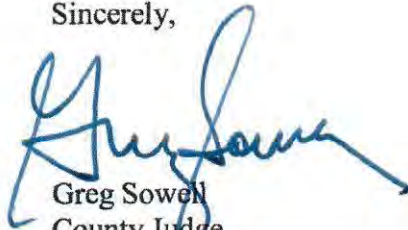
More information on the Section 106 review process is available at <https://files.hudexchange.info/resources/documents/Historic-Preservation-Basics.pdf>. HUD's process for tribal consultation under Section 106 is described in a notice available at <https://files.hudexchange.info/resources/documents/Notice-CPD-12-006-Tribal-Consultation-Under-24-Cfr-Part-58.pdf>.

If you do wish to act as a consulting party on this project please include the name and contact information the individual that will serve as your tribe's principal representative during this process as part of your response.

We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: *THPO*
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: dhill@caddo.xyz; dhill@caddonation.org; dhill@mycaddonation.com;
dhill@mycaddonation.org
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Caddo THPO.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf

Dear THPO Hill,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file. My apologies that your predecessor's name appears on the letter. That was an oversight on my part during preparation.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

THPO Phil Cross
Caddo Nation of Oklahoma
P.O. Box 487
Binger, OK 73009

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear THPO Cross,

The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

Under HUD regulation 24 CFR 58.4 the County of Nacogdoches, TX has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and structures with significant tribal association.

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101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

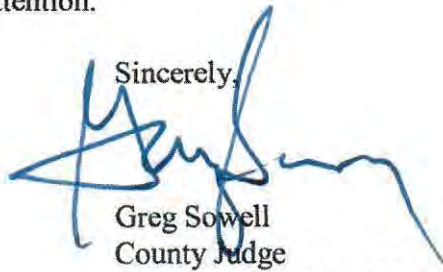
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We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: dsickey@coushattatribela.org
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Coushatta Chairman.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf

Importance: High

Tracking:	Recipient	Read
	dsickey@coushattatribela.org	
	'sburkley@co.nacogdoches.tx.us'	
	David Sickey	Read: 2/14/2020 11:21 AM

Dear Chairman Sickey,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners
Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners
Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

Chairman David Sickey
Coushatta Tribe of Louisiana
P.O. Box 10
Elton, LA 70532

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

Dear Chairman Sickey,

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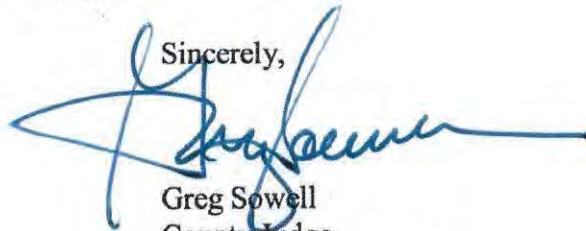
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Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: 'llangley@coushattatribela.org'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Coushatta THPO.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear THPO Langley,

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Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

THPO Linda Langley
Coushatta Tribe of Louisiana
P.O. Box 10
Elton, LA 70532

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Nacogdoches County, TX CDBG 7219300**

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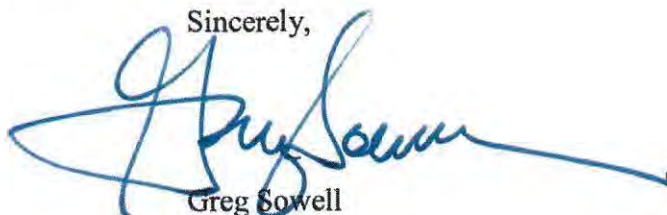
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cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: 'rmartin@tonkawatribe.com'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Tonkawa President.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear President Martin,

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P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Nacogdoches County

GREG SOWELL

County Judge

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Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

President Russell Martin
Tonkawa Tribe of Indians of Oklahoma
1 Rush Buffalo Road
Tonkawa, OK 74653

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

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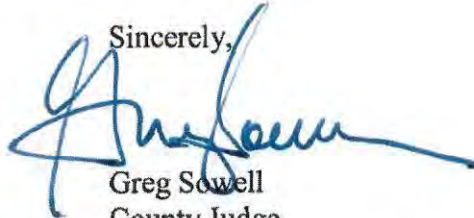
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Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: lbrown@tonkawatribe.com
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Tonkawa THPO.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

Dear THPO Norman-Brown,

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P.O. Drawer 900
Jasper, TX 75951
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Nacogdoches County

GREG SOWELL

County Judge

Commissioners

Jerry Don Williamson, Pct. 1
Sandy McCorvey, Pct. 2

Shannon L. Burkley
Court Administrator

Commissioners

Robin Dawley, Pct. 3
Mark Harkness, Pct. 4

February 14, 2020

THPO Lauren Norman-Brown
Tonkawa Tribe of Indians of Oklahoma
1 Rush Buffalo Road
Tonkawa, OK 74653

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

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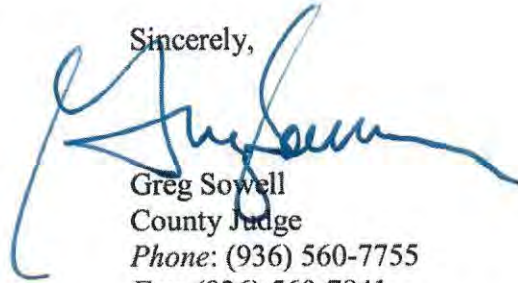
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Enclosures

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David J. Waxman, Inc.

Wesley McPhail

From: Wesley McPhail <wesley.mcphail@sbcglobal.net>
Sent: Friday, February 14, 2020 10:45 AM
To: 'terri.parton@wichitatribe.com'
Cc: 'sburkley@co.nacogdoches.tx.us'
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Attachments: Wichita President.pdf; Project Description - Nacogdoches, 2019 CDBG.doc; SHPO Packet.pdf
Importance: High

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Nacogdoches County

GREG SOWELL

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Sandy McCorvey, Pct. 2

Shannon L. Burkley

Court Administrator

Commissioners

Robin Dawley, Pct. 3

Mark Harkness, Pct. 4

February 14, 2020

President Terri Parton
Wichita & Affiliated Tribes of Oklahoma
P.O. Box 729
Anadarko, OK 73005

**RE: Water Improvements Project, Etoile WSC Plant No. 3
Nacogdoches County, TX CDBG 7219300**

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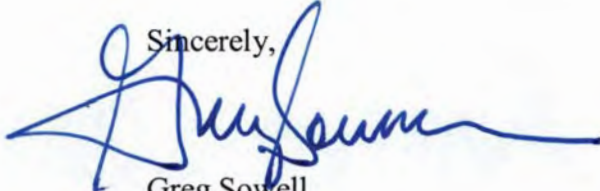
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Enclosures

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Nacogdoches County

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County Judge

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Mark Harkness, Pct. 4

February 14, 2020

THPO Gary McAdams
Wichita & Affiliated Tribes of Oklahoma
P.O. Box 729
Anadarko, OK 73005

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Nacogdoches County, TX CDBG 7219300**

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The County of Nacogdoches, TX anticipates receiving funds for the above referenced project. These federal funds are provided by the US Department of Housing and Urban Development (HUD) administered through the Texas Department of Agriculture Community Development Block Grant (CDBG) program.

Under HUD regulation 24 CFR 58.4 the County of Nacogdoches, TX has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and structures with significant tribal association.

The County will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize, or mitigate potential adverse effects.

If you are interested in being a consulting party on this project please let us know within 30 days. This will enable us to stay within the allotted project timeframe. Please note any initial concerns regarding project impacts on religious or cultural properties in your response. If you do not wish to consult on this project, please notify us as well.

101 W. Main, Suite 170
County Courthouse
Nacogdoches, Texas 75961

(936) 560-7755
Fax (936) 560-7841

A project description, site data, area maps, and cost estimate are included for your review.

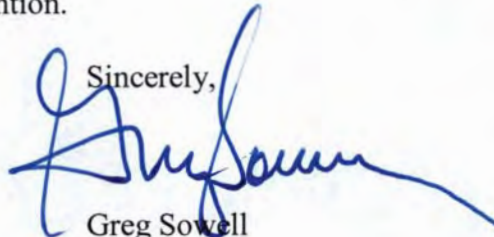
More information on the Section 106 review process is available at <https://files.hudexchange.info/resources/documents/Historic-Preservation-Basics.pdf>. HUD's process for tribal consultation under Section 106 is described in a notice available at <https://files.hudexchange.info/resources/documents/Notice-CPD-12-006-Tribal-Consultation-Under-24-Cfr-Part-58.pdf>.

If you do wish to act as a consulting party on this project please include the name and contact information the individual that will serve as your tribe's principal representative during this process as part of your response.

We value your assistance and look forward to consulting further if there are any properties of historic, religious, or cultural significance to your tribe that may be impacted by this project.

Thank you for your attention.

Sincerely,



Greg Sowell
County Judge
Phone: (936) 560-7755
Fax: (936) 560-7841
cojudge@co.nacogdoches.tx.us

Enclosures

cc: THPO
David J. Waxman, Inc.

From: [Wesley McPhail](#)
To: gary.mcadams@wichitatribe.com
Cc: ["sburkley@co.nacogdoches.tx.us"](mailto:sburkley@co.nacogdoches.tx.us)
Subject: Tribal Consultation for Nacogdoches Co. 7219300 - Etoile WSC 3 Water Plant Improvements
Date: Friday, February 14, 2020 10:45:00 AM
Attachments: [Wichita THPO.pdf](#)
[Project Description - Nacogdoches, 2019 CDBG.doc](#)
[SHPO Packet.pdf](#)
Importance: High

Dear THPO,

The attached letter and associated documentation is being provided on behalf of County Judge Greg Sowell and the County of Nacogdoches, TX. The county has been awarded Community Development Block Grant through the Texas Department of Agriculture to facilitate the improvements to Etoile Water Supply Corporation Plant #3. The project is not anticipated to have any impact on historical sites as none are located in the immediate project area, and all work will be confined to the existing site footprint. The scope of work and location are further detailed in the attachments.

Please provide confirmation of receipt of this correspondence so that I may maintain a record for the local file.

Hard copies may be provided upon request.

Thanks,

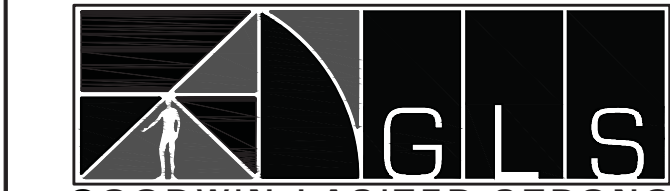
Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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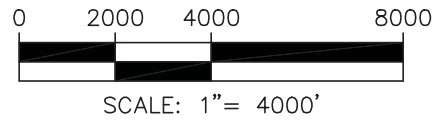
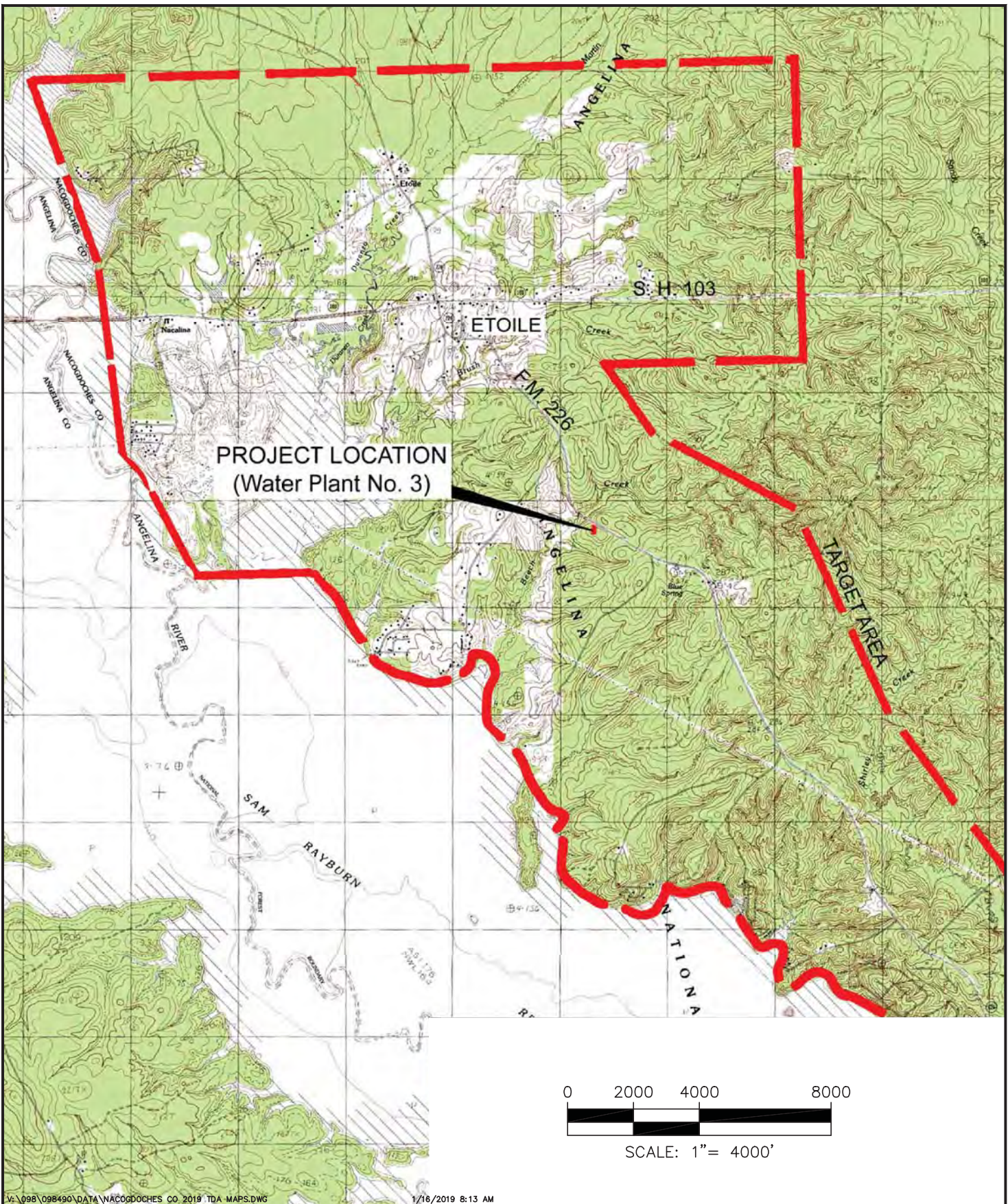
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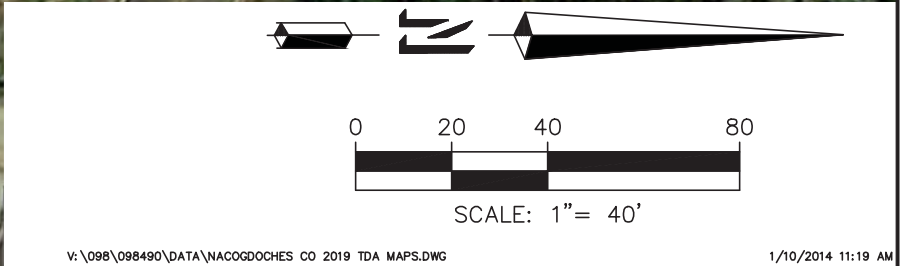


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DATE 1/31/19	DRAWN BY: JMO	APPV'D BY: PGO	SCALE 1" = 40'	JOB NUMBER 098490
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HOME (/) **ATLAS MAP** (/MAP) **ADVANCED SEARCH**
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Site Name	County	Keyword	Designation	Historical Markers
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Nacogdoches ▾

- Courthouses**
- National Register Properties**
- State Antiquities Landmark (Architectural Only)**
- Historical Markers**
- Cemeteries**
- Museums**

Your search returned 338 results.

100th Anniversary of Oil in Nacogdoches County — Nacogdoches County

- Historical Marker — 5347009250 (/Details/5347009250)

1796 Spanish Colonial Rancho of Bernardo D'Ortolan — Nacogdoches County

- Historical Marker — 5507017007 (/Details/5507017007)

Adolphus Sterne House — Nacogdoches County

- State Antiquities Landmark — 8200000485 (/Details/8200000485)
- Historical Marker — 5507014549 (/Details/5507014549)

Akin/Aikin — Nacogdoches County

- Cemetery — 7347022605 (/Details/7347022605)

Alazan — Nacogdoches County

- Cemetery — 7347006305 (/Details/7347006305)

Alton W. Birdwell — Nacogdoches County

- Historical Marker — 5347012097 (/Details/5347012097)

Ancient Mound — Nacogdoches County

- Historical Marker — 5347009243 (/Details/5347009243)

Angelina — Nacogdoches County

- Historical Marker — 5507018268 (/Details/5507018268)

Arriola-Cooke — Nacogdoches County

- Cemetery — 7347016803 (/Details/7347016803)

August Tubbe — Nacogdoches County

- Cemetery — 7347001103 (/Details/7347001103)

Austin Building — Nacogdoches County

- Historical Marker — 5347009245 (/Details/5347009245)

Banks Family — Nacogdoches County

- Cemetery — 7347015103 (/Details/7347015103)

Barnes Graveyard — Nacogdoches County

- Cemetery — 7347007105 (/Details/7347007105)

Barret, Lyne, Texas Oil Man — Nacogdoches County

- Historical Marker — 5507014791 (/Details/5507014791)

Barret, Tol, House — Nacogdoches County

- National Register Listing — 2079002998 (/Details/2079002998)

Battle of Nacogdoches — Nacogdoches County

- Historical Marker — 5347009252 (/Details/5347009252)

Baugh Family — Nacogdoches County

- Cemetery — 7347014803 (/Details/7347014803)

Bernardo D'Ortolan Rancho Site — Nacogdoches County

- National Register Listing — 2014000101 (/Details/2014000101)
- Bethel Cemetery — Nacogdoches County
- Historical Marker — 5507013547 (/Details/5507013547)
 - Cemetery — 7347000105 (/Details/7347000105)
- Birdwell Field, Aikman Gym and the Women's Recreation Center — Nacogdoches County
- Historical Marker — 5507015425 (/Details/5507015425)
- Bivouac & Banq. for New Orleans' Greys — Nacogdoches County
- Historical Marker — 5507014472 (/Details/5507014472)
- Black Jack — Nacogdoches County
- Cemetery — 7347001305 (/Details/7347001305)
 - Cemetery — 7347010605 (/Details/7347010605)
- Blackburn — Nacogdoches County
- Cemetery — 7347002805 (/Details/7347002805)
- Blount, Eugene H., House — Nacogdoches County
- National Register Listing — 2092000014 (/Details/2092000014)
- Blount, Stephen William and Mary Price, House — Nacogdoches County
- National Register Listing — 2090002180 (/Details/2090002180)
- Blue Springs — Nacogdoches County
- Cemetery — 7347000605 (/Details/7347000605)
- Bonaldo — Nacogdoches County
- Cemetery — 7347016305 (/Details/7347016305)
- Brewer Cemetery — Nacogdoches County
- Historical Marker — 5347009254 (/Details/5347009254)
 - Historical Marker — 5507017189 (/Details/5507017189)
 - Cemetery — 7347002105 (/Details/7347002105)
- Brister — Nacogdoches County
- Cemetery — 7347019405 (/Details/7347019405)
- Brouten-Sanders — Nacogdoches County
- Cemetery — 7347001705 (/Details/7347001705)
- Brown — Nacogdoches County
- Cemetery — 7347019205 (/Details/7347019205)
- Burrows - Millard House — Nacogdoches County
- Historical Marker — 5347009256 (/Details/5347009256)
- Busamante — Nacogdoches County
- Cemetery — 7347022305 (/Details/7347022305)
- Buther Family — Nacogdoches County
- Cemetery — 7347018603 (/Details/7347018603)
- Camp Chireno, World War II P.O.W. Camp — Nacogdoches County
- Historical Marker — 5507015445 (/Details/5507015445)
- Captain Domingo Ramon — Nacogdoches County
- Historical Marker — 5507018270 (/Details/5507018270)
- Captain Hayden Arnold — Nacogdoches County
- Historical Marker — 5347009244 (/Details/5347009244)
- Cedar Diamond — Nacogdoches County
- Cemetery — 7347013905 (/Details/7347013905)
- Cedar Point — Nacogdoches County
- Cemetery — 7347017405 (/Details/7347017405)

Charles Standfield Taylor — Nacogdoches County

- Historical Marker — 5347009398 (/Details/5347009398)

Chas. Hoya Land Office — Nacogdoches County

- Historical Marker — 5347009262 (/Details/5347009262)

Chireno Community (Black) — Nacogdoches County

- Cemetery — 7347007703 (/Details/7347007703)

Chireno Lower Cemetery — Nacogdoches County

- Historical Marker — 5507016732 (/Details/5507016732)
- Cemetery — 7347001005 (/Details/7347001005)

Chireon Upper — Nacogdoches County

- Cemetery — 7347015605 (/Details/7347015605)

Christ Episcopal Church — Nacogdoches County

- Historical Marker — 5347009263 (/Details/5347009263)

Christian — Nacogdoches County

- Cemetery — 7347004105 (/Details/7347004105)

City of Appleby — Nacogdoches County

- Historical Marker — 5507017935 (/Details/5507017935)

Cleaver, black — Nacogdoches County

- Cemetery — 7347016105 (/Details/7347016105)

Clifton — Nacogdoches County

- Cemetery — 7347007405 (/Details/7347007405)

Coats — Nacogdoches County

- Cemetery — 7347014103 (/Details/7347014103)

Cold Springs — Nacogdoches County

- Cemetery — 7347017205 (/Details/7347017205)

Cora Ann Ritnour — Nacogdoches County

- Cemetery — 7347018903 (/Details/7347018903)

Cornelius-Walls Chapel — Nacogdoches County

- Cemetery — 7347010705 (/Details/7347010705)

Cotton Exchange Building, Old — Nacogdoches County

- National Register Listing — 2092000008 (/Details/2092000008)

Cove Springs Cemetery — Nacogdoches County

- Historical Marker — 5347009267 (/Details/5347009267)

Cove Springs Memorial — Nacogdoches County

- Cemetery — 7347010803 (/Details/7347010803)

Cushing — Nacogdoches County

- Cemetery — 7347002605 (/Details/7347002605)

Davidson, Maria A., Apartments — Nacogdoches County

- National Register Listing — 2092000009 (/Details/2092000009)

Davis King — Nacogdoches County

- Cemetery — 7347018303 (/Details/7347018303)

Diedrich Anton Wilhelm Rulfs — Nacogdoches County

- Historical Marker — 5507014540 (/Details/5507014540)

Douglass — Nacogdoches County

- Cemetery — 7347010905 (/Details/7347010905)

Dr. Joseph William Kennedy, Jr — Nacogdoches County

- Historical Marker — 5507017343 (/Details/5507017343)

Dr. Robert Anderson Irion — Nacogdoches County

- Historical Marker — 5347009279 (/Details/5347009279)

Drewery Memorial Park — Nacogdoches County

- Cemetery — 7347021903 (/Details/7347021903)

Duffin Family — Nacogdoches County

- Cemetery — 7347001603 (/Details/7347001603)

Durst-Taylor Historic House and Gardens — Nacogdoches County

- Museum Information — 4200001252 (/Details/4200001252)

Durst-Taylor House — Nacogdoches County

- National Register Listing — 2003000808 (/Details/2003000808)
- Historical Marker — 5347009270 (/Details/5347009270)

E. J. Campbell School — Nacogdoches County

- Historical Marker — 5507018149 (/Details/5507018149)

East Texas Research Center — Nacogdoches County

- Museum Information — 4200001389 (/Details/4200001389)

Eden — Nacogdoches County

- Cemetery — 7347006505 (/Details/7347006505)

Elias E. Hamilton — Nacogdoches County

- Historical Marker — 5347009277 (/Details/5347009277)

Elm Grove — Nacogdoches County

- Cemetery — 7347011005 (/Details/7347011005)

Fairview Church Cemetery — Nacogdoches County

- Historical Marker — 5507014545 (/Details/5507014545)
- Cemetery — 7347003805 (/Details/7347003805)

Fellowship — Nacogdoches County

- Cemetery — 7347016005 (/Details/7347016005)

Fenton — Nacogdoches County

- Cemetery — 7347002505 (/Details/7347002505)

Finley — Nacogdoches County

- Cemetery — 7347011103 (/Details/7347011103)

First Baptist Church of Nacogdoches — Nacogdoches County

- Historical Marker — 5507016452 (/Details/5507016452)

First United Methodist Church of Nacogdoches — Nacogdoches County

- Historical Marker — 5347009273 (/Details/5347009273)

Franciscan Friars in East Texas — Nacogdoches County

- Historical Marker — 5507018269 (/Details/5507018269)

Friendship — Nacogdoches County

- Cemetery — 7347002205 (/Details/7347002205)

Fuller — Nacogdoches County

- Cemetery — 7347021105 (/Details/7347021105)

Fuller-Nichols — Nacogdoches County

- Cemetery — 7347011303 (/Details/7347011303)

Galilee — Nacogdoches County

- Cemetery — 7347006605 (/Details/7347006605)

General Thomas J. Rusk — Nacogdoches County

- Historical Marker — 5347009348 (/Details/5347009348)

Gingerbread House — Nacogdoches County

- Historical Marker — 5347009274 (/Details/5347009274)
- Governor Marquis de San Miguel de Aguayo — Nacogdoches County
- Historical Marker — 5507018266 (/Details/5507018266)
- Governor Martin de Alarcon in East Texas — Nacogdoches County
- Historical Marker — 5507018267 (/Details/5507018267)
- Goyen — Nacogdoches County
- Cemetery — 7347019805 (/Details/7347019805)
- Gravel Ridge — Nacogdoches County
- Cemetery — 7347006205 (/Details/7347006205)
- Greenwood I — Nacogdoches County
- Cemetery — 7347009505 (/Details/7347009505)
- Greenwood II — Nacogdoches County
- Cemetery — 7347017703 (/Details/7347017703)
- Grimes Slave Graves — Nacogdoches County
- Cemetery — 7347010303 (/Details/7347010303)
- Haden Edwards — Nacogdoches County
- Historical Marker — 5347009271 (/Details/5347009271)
- Halfway Inn (Flournoy - Granberry House) — Nacogdoches County
- Historical Marker — 5347009276 (/Details/5347009276)
- Hall Springs — Nacogdoches County
- Cemetery — 7347011505 (/Details/7347011505)
- Hardeman Cemetery — Nacogdoches County
- Cemetery — 7347022005 (/Details/7347022005)
- Harmony Cemetery — Nacogdoches County
- Historical Marker — 5507014026 (/Details/5507014026)
 - Cemetery — 7347006005 (/Details/7347006005)
- Harvey — Nacogdoches County
- Cemetery — 7347010005 (/Details/7347010005)
- Hayter — Nacogdoches County
- Cemetery — 7347005305 (/Details/7347005305)
- Hayter Office Building — Nacogdoches County
- National Register Listing — 2092000010 (/Details/2092000010)
- Helpenstell — Nacogdoches County
- Cemetery — 7347007605 (/Details/7347007605)
- Helpenstell Cemetery — Nacogdoches County
- Historical Marker — 5507015826 (/Details/5507015826)
- Holleman Grave — Nacogdoches County
- Cemetery — 7347022905 (/Details/7347022905)
- Holly Grove — Nacogdoches County
- Cemetery — 7347011403 (/Details/7347011403)
- Holly Springs — Nacogdoches County
- Cemetery — 7347006705 (/Details/7347006705)
- Home of Adolphus Sterne — Nacogdoches County
- Historical Marker — 5347009356 (/Details/5347009356)
- Home of Peter Ellis Bean — Nacogdoches County
- Historical Marker — 5507015275 (/Details/5507015275)
- Hotel Wiley — Nacogdoches County

- Historical Marker — 5347012098 (/Details/5347012098)
- Hoya Land Office Building — Nacogdoches County
- National Register Listing — 2092000015 (/Details/2092000015)
- Immaculate Conception Cemetery — Nacogdoches County
- Cemetery — 7347016403 (/Details/7347016403)
- In Memory of Thomas F. McKinney — Nacogdoches County
- Historical Marker — 5347009284 (/Details/5347009284)
- Ingraham Building — Nacogdoches County
- Historical Marker — 5347012099 (/Details/5347012099)
- Jacobs Chapel Cemetery — Nacogdoches County
- Historical Marker — 5507018594 (/Details/5507018594)
 - Cemetery — 7347003305 (/Details/7347003305)
- John Balch — Nacogdoches County
- Historical Marker — 5347009247 (/Details/5347009247)
- John R. Clute — Nacogdoches County
- Historical Marker — 5347009266 (/Details/5347009266)
- John S. Roberts — Nacogdoches County
- Historical Marker — 5347009346 (/Details/5347009346)
- Johnson — Nacogdoches County
- Cemetery — 7347017505 (/Details/7347017505)
 - Cemetery — 7347011803 (/Details/7347011803)
- Jones, Roland, House — Nacogdoches County
- National Register Listing — 2092000007 (/Details/2092000007)
- Judd — Nacogdoches County
- Cemetery — 7347018405 (/Details/7347018405)
- Junge — Nacogdoches County
- Cemetery — 7347014303 (/Details/7347014303)
- Karle Wilson Baker — Nacogdoches County
- Historical Marker — 5507013945 (/Details/5507013945)
- Kelsey Harris Douglass — Nacogdoches County
- Historical Marker — 5347009269 (/Details/5347009269)
- King #1 — Nacogdoches County
- Cemetery — 7347001505 (/Details/7347001505)
- King #2 — Nacogdoches County
- Cemetery — 7347003505 (/Details/7347003505)
- King Moore — Nacogdoches County
- Cemetery — 7347004205 (/Details/7347004205)
- La Calle Real del Norte — Nacogdoches County
- Historical Marker — 5347009281 (/Details/5347009281)
- Lazarine Cemetery — Nacogdoches County
- Historical Marker — 5507016396 (/Details/5507016396)
 - Cemetery — 7347016705 (/Details/7347016705)
- Libby Community — Nacogdoches County
- Cemetery — 7347017305 (/Details/7347017305)
- Libby Community Cemetery — Nacogdoches County
- Historical Marker — 5347012100 (/Details/5347012100)
- Lindsey House — Nacogdoches County

- Historical Marker — 5347009282 (/Details/5347009282)

Linn Flat Cemetery — Nacogdoches County

- Historical Marker — 5347013184 (/Details/5347013184)
- Cemetery — 7347000205 (/Details/7347000205)

Little's Chapel — Nacogdoches County

- Cemetery — 7347015705 (/Details/7347015705)

Lone Star — Nacogdoches County

- Cemetery — 7347005205 (/Details/7347005205)

Looney Family — Nacogdoches County

- Cemetery — 7347015203 (/Details/7347015203)

"Los Ojos de Padre Margil" ("The Eyes of Father Margil") — Nacogdoches County

- Historical Marker — 5347009283 (/Details/5347009283)

Louis Juchereau de St. Denis — Nacogdoches County

- Historical Marker — 5507017706 (/Details/5507017706)

Lowery-Grimes — Nacogdoches County

- Cemetery — 7347009905 (/Details/7347009905)

Lutz — Nacogdoches County

- Cemetery — 7347015303 (/Details/7347015303)

Mahl Baptist Church — Nacogdoches County

- Cemetery — 7347013203 (/Details/7347013203)

Mahl I#1 — Nacogdoches County

- Cemetery — 7347011603 (/Details/7347011603)

Mangham-McIlwain Building — Nacogdoches County

- National Register Listing — 2100003538 (/Details/2100003538)

Mansolo-Mansola — Nacogdoches County

- Cemetery — 7347022405 (/Details/7347022405)

Maroney — Nacogdoches County

- Cemetery — 7347003905 (/Details/7347003905)

Martinsville — Nacogdoches County

- Cemetery — 7347008805 (/Details/7347008805)

Mast — Nacogdoches County

- Cemetery — 7347017805 (/Details/7347017805)

Mast Family — Nacogdoches County

- Cemetery — 7347011703 (/Details/7347011703)

McKnight Cemetery — Nacogdoches County

- Historical Marker — 5507013582 (/Details/5507013582)
- Cemetery — 7347003105 (/Details/7347003105)

Melrose Baptist — Nacogdoches County

- Cemetery — 7347011903 (/Details/7347011903)

Melrose Methodist — Nacogdoches County

- Cemetery — 7347008305 (/Details/7347008305)

Melrose Upper II — Nacogdoches County

- Cemetery — 7347002303 (/Details/7347002303)

Milam Lodge #2, Ancient Free and Accepted Masons of Texas — Nacogdoches County

- Historical Marker — 5507014133 (/Details/5507014133)

Miley — Nacogdoches County

- Cemetery — 7347000805 (/Details/7347000805)
- Millard's Crossing Historic Village — Nacogdoches County
- Museum Information — 4200000299 (/Details/4200000299)
- Mission Concepcion, 1716 Site of — Nacogdoches County
- Historical Marker — 5507015572 (/Details/5507015572)
- Mission Nuestra Senora de la Purisima Concepcion de los Hainais — Nacogdoches County
- Historical Marker — 5507017688 (/Details/5507017688)
- Mobley — Nacogdoches County
- Cemetery — 7347014503 (/Details/7347014503)
- Montes-Prado — Nacogdoches County
- Cemetery — 7347015903 (/Details/7347015903)
- Moore — Nacogdoches County
- Cemetery — 7347014403 (/Details/7347014403)
- Mount Sterling — Nacogdoches County
- Historical Marker — 5507014428 (/Details/5507014428)
- Mountain — Nacogdoches County
- Cemetery — 7347014203 (/Details/7347014203)
- Mt. Gillion — Nacogdoches County
- Cemetery — 7347014605 (/Details/7347014605)
- Mt. Moriah — Nacogdoches County
- Cemetery — 7347017105 (/Details/7347017105)
- Mt. Olive — Nacogdoches County
- Cemetery — 7347017905 (/Details/7347017905)
- Mt. Sterling — Nacogdoches County
- Cemetery — 7347022805 (/Details/7347022805)
- Nacogdoches — Nacogdoches County
- Historical Marker — 5347009298 (/Details/5347009298)
- Nacogdoches County — Nacogdoches County
- Historical Marker — 5507014758 (/Details/5507014758)
- Nacogdoches County Courthouse — Nacogdoches County
- Courthouse (1836 ca.) (/Details/4302002495)
 - Courthouse (1856) (/Details/4302002496)
 - Courthouse (1888) (/Details/4302002497)
 - Courthouse (1911) (/Details/4302002498)
 - Courthouse (1958) (/Details/4302002499)
- Nacogdoches Downtown Historic District — Nacogdoches County
- National Register Listing — 2008000478 (/Details/2008000478)
- Nacogdoches Federal Building / Post Office — Nacogdoches County
- Historical Marker — 5347012101 (/Details/5347012101)
- Nacogdoches Railroad Depot — Nacogdoches County
- Museum Information — 4200001253 (/Details/4200001253)
- Nacogdoches University — Nacogdoches County
- Historical Marker — 5347009300 (/Details/5347009300)
- Nail-King — Nacogdoches County
- Cemetery — 7347020503 (/Details/7347020503)
- Nat — Nacogdoches County
- Cemetery — 7347002005 (/Details/7347002005)

New Moss Community — Nacogdoches County

- Cemetery — 7347012905 (/Details/7347012905)

Nicholas Adolphus Sterne — Nacogdoches County

- Historical Marker — 5347009357 (/Details/5347009357)

Nine Flags of Nacogdoches — Nacogdoches County

- Historical Marker — 5507014312 (/Details/5507014312)

Oak Grove Cemetery — Nacogdoches County

- Historical Marker — 5347012102 (/Details/5347012102)
- Cemetery — 7347013605 (/Details/7347013605)

Ogburn — Nacogdoches County

- Cemetery — 7347012703 (/Details/7347012703)

Oil Springs Oil Field Discovery Well — Nacogdoches County

- National Register Listing — 2077001461 (/Details/2077001461)

Oil Springs, Texas First Oil Well — Nacogdoches County

- Historical Marker — 5507015580 (/Details/5507015580)

Old Moss — Nacogdoches County

- Cemetery — 7347022705 (/Details/7347022705)

Old Mt. Gillion — Nacogdoches County

- Cemetery — 7347019603 (/Details/7347019603)

Old Nacogdoches University — Nacogdoches County

- Historical Marker — 5507015163 (/Details/5507015163)

Old Nacogdoches University Building — Nacogdoches County

- National Register Listing — 2071000956 (/Details/2071000956)
- State Antiquities Landmark — 8200000488 (/Details/8200000488)
- Historical Marker — 5347009299 (/Details/5347009299)

Old North Church — Nacogdoches County

- Cemetery — 7347005105 (/Details/7347005105)

Old North Church Cemetery — Nacogdoches County

- Historical Marker — 5347012103 (/Details/5347012103)

Old North Church East (Black) — Nacogdoches County

- Cemetery — 7347015003 (/Details/7347015003)

Old "Red" House — Nacogdoches County

- Historical Marker — 5347009345 (/Details/5347009345)

Old Spanish Cemetery — Nacogdoches County

- Historical Marker — 5347009355 (/Details/5347009355)
- Historical Marker — 5507014793 (/Details/5507014793)

Old Spanish (site under courthouse) — Nacogdoches County

- Cemetery — 7347014703 (/Details/7347014703)

Old Stone — Nacogdoches County

- Cemetery — 7347005605 (/Details/7347005605)

Old Stone Fort — Nacogdoches County

- Historical Marker — 5347009393 (/Details/5347009393)

Old Union — Nacogdoches County

- Cemetery — 7347004805 (/Details/7347004805)

Old University Building — Nacogdoches County

- Museum Information — 4200000848 (/Details/4200000848)

On This Site Stood for a Century an Old Stone House — Nacogdoches County

- Historical Marker — 5347009394 (/Details/5347009394)
- Original Location of Sacred Heart Catholic Church — Nacogdoches County
- Historical Marker — 5507016002 (/Details/5507016002)
- Our Lady of Lourdes — Nacogdoches County
- Cemetery — 7347012003 (/Details/7347012003)
- Owens — Nacogdoches County
- Cemetery — 7347012103 (/Details/7347012103)
- Owens-Nelson — Nacogdoches County
- Cemetery — 7347002405 (/Details/7347002405)
- Pardin Family — Nacogdoches County
- Cemetery — 7347018503 (/Details/7347018503)
- Patterson — Nacogdoches County
- Cemetery — 7347000705 (/Details/7347000705)
- Patton Cemetery — Nacogdoches County
- Cemetery — 7347000305 (/Details/7347000305)
- Paul Lewis Boynton — Nacogdoches County
- Historical Marker — 5507014728 (/Details/5507014728)
- Perry — Nacogdoches County
- Cemetery — 7347013105 (/Details/7347013105)
- Pierce Chapel — Nacogdoches County
- Cemetery — 7347012203 (/Details/7347012203)
- Pilgrim Rest — Nacogdoches County
- Cemetery — 7347008705 (/Details/7347008705)
- Pine Flat — Nacogdoches County
- Cemetery — 7347017003 (/Details/7347017003)
- Pine Grove — Nacogdoches County
- Cemetery — 7347004305 (/Details/7347004305)
 - Cemetery — 7347016505 (/Details/7347016505)
- Pine Knot — Nacogdoches County
- Cemetery — 7347000905 (/Details/7347000905)
- Pioneer Texas Oil Man: Lyne Taliaferro Barret — Nacogdoches County
- Historical Marker — 5347009251 (/Details/5347009251)
- Pioneering Higher Education in East Texas — Nacogdoches County
- Historical Marker — 5347012104 (/Details/5347012104)
- Pirtle — Nacogdoches County
- Cemetery — 7347014003 (/Details/7347014003)
- Pleasant Hill #1 — Nacogdoches County
- Cemetery — 7347007005 (/Details/7347007005)
- Pleasant Hill #2 — Nacogdoches County
- Cemetery — 7347022105 (/Details/7347022105)
- Polk — Nacogdoches County
- Cemetery — 7347012803 (/Details/7347012803)
- Post Oak — Nacogdoches County
- Cemetery — 7347005805 (/Details/7347005805)
- Post Office Building, Old — Nacogdoches County
- National Register Listing — 2092000011 (/Details/2092000011)
- Presidio Nuestra Senora de Los Dolores — Nacogdoches County

- Historical Marker — 5347009303 (/Details/5347009303)
- Presidio Nuestra Senora de los Dolores de los Tejas — Nacogdoches County
- Historical Marker — 5507017931 (/Details/5507017931)
- Procella — Nacogdoches County
- Cemetery — 7347003205 (/Details/7347003205)
- Rape — Nacogdoches County
- Cemetery — 7347013403 (/Details/7347013403)
- Raphael D'Ortolan Site — Nacogdoches County
- National Register Listing — 2014000100 (/Details/2014000100)
- Ras Johnson Memorial Gardens — Nacogdoches County
- Cemetery — 7347000403 (/Details/7347000403)
- Rawlinson Family — Nacogdoches County
- Cemetery — 7347013503 (/Details/7347013503)
- Redland Cemetery — Nacogdoches County
- Cemetery — 7347001205 (/Details/7347001205)
- Rhodes — Nacogdoches County
- Cemetery — 7347002505 (/Details/7347002505)
- Roberts — Nacogdoches County
- Cemetery — 7347013305 (/Details/7347013305)
- Roberts Building ♂ — Nacogdoches County
- National Register Listing — 2092000016 (/Details/2092000016)
- Rock Springs Cemetery — Nacogdoches County
- Historical Marker — 5507015877 (/Details/5507015877)
 - Cemetery — 7347005405 (/Details/7347005405)
- Rocky Mount — Nacogdoches County
- Cemetery — 7347012405 (/Details/7347012405)
- Rusk Building — Nacogdoches County
- Historical Marker — 5347012106 (/Details/5347012106)
- Sacul — Nacogdoches County
- Cemetery — 7347003005 (/Details/7347003005)
- Saints Rest — Nacogdoches County
- Cemetery — 7347003405 (/Details/7347003405)
- Salem — Nacogdoches County
- Cemetery — 7347001905 (/Details/7347001905)
- Sam Houston's First Home in Texas — Nacogdoches County
- Historical Marker — 5507015904 (/Details/5507015904)
- Sam P. Smith Place — Nacogdoches County
- Historical Marker — 5347009352 (/Details/5347009352)
- San Patricio Rancho — Nacogdoches County
- Historical Marker — 5507017684 (/Details/5507017684)
- Sand Hill — Nacogdoches County
- Cemetery — 7347010105 (/Details/7347010105)
- Sandy Ridge — Nacogdoches County
- Cemetery — 7347010203 (/Details/7347010203)
- Shady Grove — Nacogdoches County
- Cemetery — 7347005705 (/Details/7347005705)

Shay Locomotive No. 2005 — Nacogdoches County

- Historical Marker — 5347009350 (/Details/5347009350)

Simpsons Campground — Nacogdoches County

- Cemetery — 7347003605 (/Details/7347003605)

Site of Bivouac and Banquet for The New Orleans' Greys — Nacogdoches County

- Historical Marker — 5347009253 (/Details/5347009253)

Site of "El Atascoso" — Nacogdoches County

- Historical Marker — 5347009272 (/Details/5347009272)

Site of First Home Owned by General Sam Houston — Nacogdoches County

- Historical Marker — 5347009278 (/Details/5347009278)

Site of Old North Church — Nacogdoches County

- Historical Marker — 5347009301 (/Details/5347009301)

Site of "Old Soledad" — Nacogdoches County

- Historical Marker — 5347009351 (/Details/5347009351)

Site of Pattonia — Nacogdoches County

- Historical Marker — 5507013946 (/Details/5507013946)

Site of the Home of Antonio Gil y Barbo — Nacogdoches County

- Historical Marker — 5347009248 (/Details/5347009248)

Site of the Home of Charles S. Taylor — Nacogdoches County

- Historical Marker — 5347009399 (/Details/5347009399)

Site of the Home of James Dill — Nacogdoches County

- Historical Marker — 5347009268 (/Details/5347009268)

Site of the Home of John S. Roberts — Nacogdoches County

- Historical Marker — 5347009347 (/Details/5347009347)

Site of the Home of Juan Antonio Padilla — Nacogdoches County

- Historical Marker — 5347009302 (/Details/5347009302)

Site of the Home of Thomas J. Rusk — Nacogdoches County

- Historical Marker — 5347009349 (/Details/5347009349)

Site of the Home of William Clark, Jr. — Nacogdoches County

- Historical Marker — 5347009265 (/Details/5347009265)

Site of the Mission Nuestra Senora de Guadalupe — Nacogdoches County

- Historical Marker — 5347009286 (/Details/5347009286)

Site of the Mission Nuestra Senora de la Purisma Conception — Nacogdoches County

- Historical Marker — 5347009287 (/Details/5347009287)

Site of the Mission San Jose de Los Nazonis — Nacogdoches County

- Historical Marker — 5507016619 (/Details/5507016619)

Skillern — Nacogdoches County

- Cemetery — 7347015805 (/Details/7347015805)

Smyrna — Nacogdoches County

- Cemetery — 7347012605 (/Details/7347012605)

Southern Pacific Railroad Depot — Nacogdoches County

- National Register Listing — 2092000013 (/Details/2092000013)

St. Pauls (Black) — Nacogdoches County

- Cemetery — 7347019503 (/Details/7347019503)

Stallings — Nacogdoches County

- Cemetery — 7347018005 (/Details/7347018005)
- Stephen F. Austin State Teachers College During World War II — Nacogdoches County
- Historical Marker — 5347012107 (/Details/5347012107)
- Stephen Fuller Austin — Nacogdoches County
- Historical Marker — 5347009246 (/Details/5347009246)
- Sterne, Adolphus, House — Nacogdoches County
- National Register Listing — 2076002053 (/Details/2076002053)
- Sterne-Hoya Historic District — Nacogdoches County
- National Register Listing — 2092000017 (/Details/2092000017)
- Sterne-Hoya House Museum and Library — Nacogdoches County
- Museum Information — 4200000300 (/Details/4200000300)
- Stone Fort Museum — Nacogdoches County
- Historical Marker — 5507014842 (/Details/5507014842)
 - Museum Information — 4200000301 (/Details/4200000301)
- Stonewall — Nacogdoches County
- Cemetery — 7347001405 (/Details/7347001405)
- Strickland-Hart — Nacogdoches County
- Cemetery — 7347006805 (/Details/7347006805)
- Stripling — Nacogdoches County
- Cemetery — 7347012505 (/Details/7347012505)
- Sunset Memorial Park — Nacogdoches County
- Cemetery — 7347005005 (/Details/7347005005)
- Swift — Nacogdoches County
- Cemetery — 7347008505 (/Details/7347008505)
- Texas Stagecoaches, C.S.A. — Nacogdoches County
- Historical Marker — 5347009400 (/Details/5347009400)
- The Daily Sentinel — Nacogdoches County
- Historical Marker — 5507017345 (/Details/5507017345)
- The Homesite of Raphael D'Ortolan — Nacogdoches County
- Historical Marker — 5507017219 (/Details/5507017219)
- The Millard - Lee House — Nacogdoches County
- Historical Marker — 5347009285 (/Details/5347009285)
- The Roland Jones House — Nacogdoches County
- Historical Marker — 5347009280 (/Details/5347009280)
- The Sparks House — Nacogdoches County
- Historical Marker — 5347009353 (/Details/5347009353)
- The University Tradition in Nacogdoches — Nacogdoches County
- Historical Marker — 5347012108 (/Details/5347012108)
- Thomas Jefferson Rusk — Nacogdoches County
- Historical Marker — 5347012105 (/Details/5347012105)
- Thomas Young Buford — Nacogdoches County
- Historical Marker — 5347009255 (/Details/5347009255)
- Thomason — Nacogdoches County
- Cemetery — 7347018203 (/Details/7347018203)
- Tol Barret House — Nacogdoches County
- Historical Marker — 5347009249 (/Details/5347009249)

Town of Douglass — Nacogdoches County

- Historical Marker — 5507018626 (/Details/5507018626)

Turnip Seed I — Nacogdoches County

- Cemetery — 7347001805 (/Details/7347001805)

Turnipseed II — Nacogdoches County

- Cemetery — 7347018803 (/Details/7347018803)

Union Springs — Nacogdoches County

- Cemetery — 7347010405 (/Details/7347010405)

United States Occupation of Nacogdoches — Nacogdoches County

- Historical Marker — 5000020017 (/Details/5000020017)

Virginia Avenue Historic District — Nacogdoches County

- National Register Listing — 2092000018 (/Details/2092000018)

Walnut Grove — Nacogdoches County

- Cemetery — 7347017605 (/Details/7347017605)

Ward — Nacogdoches County

- Cemetery — 7347002905 (/Details/7347002905)

Washington Square — Nacogdoches County

- Historical Marker — 5347009401 (/Details/5347009401)
- Historical Marker — 5347012109 (/Details/5347012109)

Washington Square Historic District — Nacogdoches County

- National Register Listing — 2092000019 (/Details/2092000019)

Watson — Nacogdoches County

- Cemetery — 7347006405 (/Details/7347006405)

Westminster Presbyterian Church — Nacogdoches County

- Historical Marker — 5507015980 (/Details/5507015980)

Whitaker-King — Nacogdoches County

- Cemetery — 7347010505 (/Details/7347010505)

William ("Bill") Goyens — Nacogdoches County

- Historical Marker — 5347009275 (/Details/5347009275)

William Clark, Jr. — Nacogdoches County

- Historical Marker — 5347009264 (/Details/5347009264)

Wisely Hall — Nacogdoches County

- Historical Marker — 5507018480 (/Details/5507018480)

Wisner #1 — Nacogdoches County

- Cemetery — 7347004905 (/Details/7347004905)

Wisner — Nacogdoches County

- Cemetery — 7347016205 (/Details/7347016205)

Women's Army Corps School — Nacogdoches County

- Historical Marker — 5347009402 (/Details/5347009402)

Woodmen of the World Building — Nacogdoches County

- National Register Listing — 2092000012 (/Details/2092000012)

Wooten — Nacogdoches County

- Cemetery — 7347000505 (/Details/7347000505)

Zion Hill Baptist Church — Nacogdoches County

- Cemetery — 7347013805 (/Details/7347013805)

Zion Hill Baptist Church Cemetery — Nacogdoches County

- Historical Marker — 5347012110 (/Details/5347012110)

Zion Hill First Baptist Church — Nacogdoches County

- Historical Marker — 5347009403 (/Details/5347009403)

Zion Hill Historic District — Nacogdoches County

- National Register Listing — 2092001759 (/Details/2092001759)

unknown — Nacogdoches County

- Cemetery — 7347003705 (/Details/7347003705)

unknown (Melrose) — Nacogdoches County

- Cemetery — 7347008405 (/Details/7347008405)

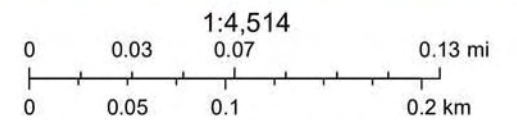


Texas Homeland Security (<http://www.texashomelandsecurity.com/>) | Texas Veterans Portal (<http://www.texvet.org/partners/texgov>) | Texas.gov (<http://www.texas.gov>)
TRAIL Search (<https://www.tsl.state.tx.us/trail/index.html>) | Site Map (<http://www.thc.texas.gov/sitemap>) | Policies (<http://www.thc.texas.gov/policies>) | Archeological Log In (/Account/Login?Length=5)
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Nacogdoches 7219300 - Satellite

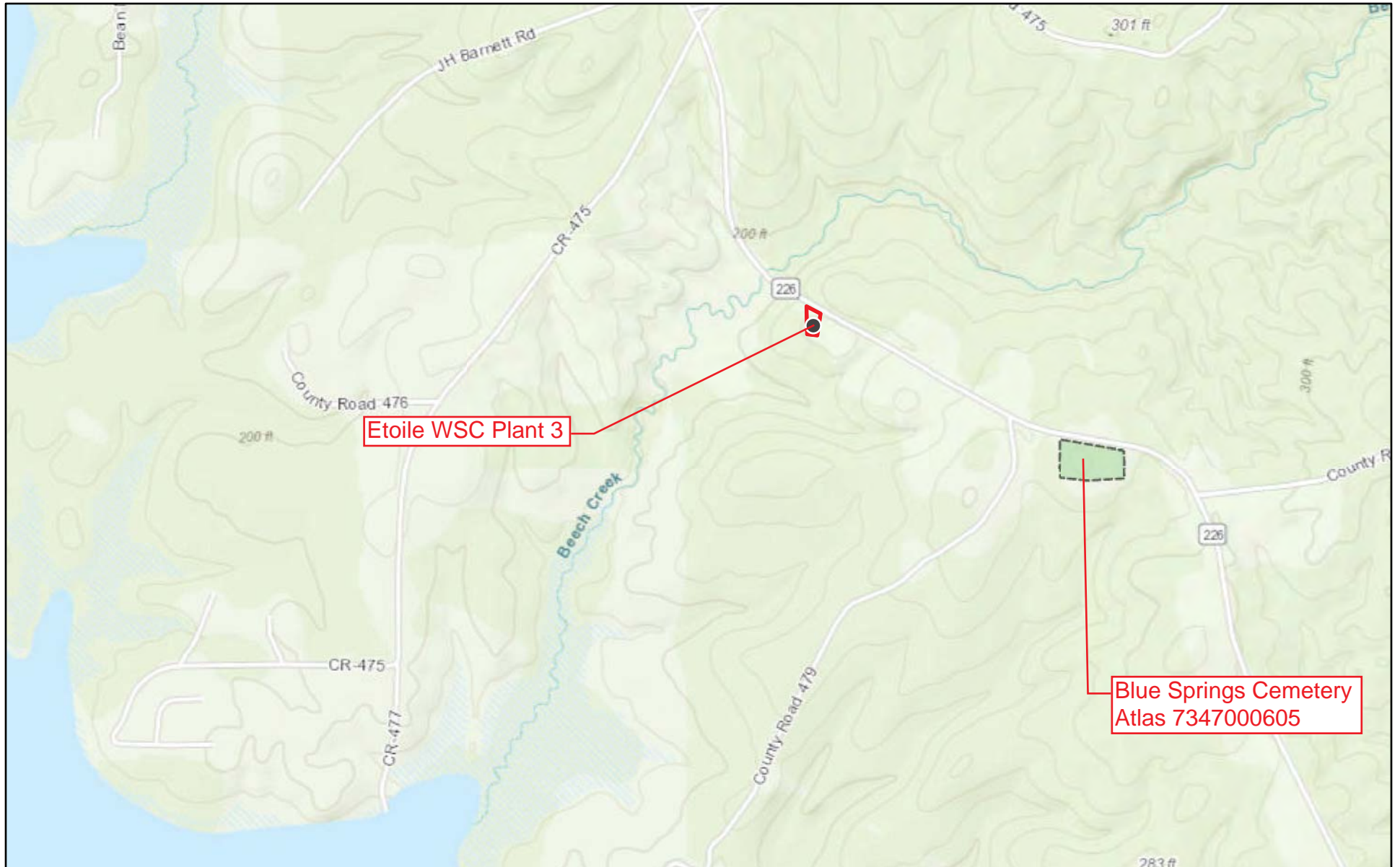


February 10, 2020




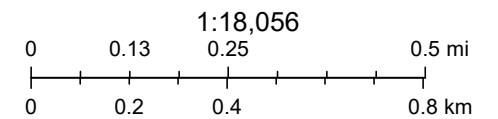
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Nacogdoches Co. 7219300 - Etoile WSC Plant 3



February 11, 2020

 Cemetery



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[HOME \(/\)](#) [ATLAS MAP \(/MAP\)](#) [ADVANCED SEARCH \(/ADVANCEDSEARCH\)](#) [ABOUT ATLAS \(/ABOUT\)](#) [DOWNLOADS \(/DATA/DATADOWNLOAD\)](#)

Details for Blue Springs

Cemetery — Atlas Number 7347000605

Data

Cemetery ID Number	NA-C006
Cemetery Name	Blue Springs
Additional Names	
Directions	From Etoile at SH 103/FM 226 intersection; FM 226 2 miles to cemetery on south side.
Source	
City	
County	Nacogdoches
HTC Designation Date	
Size	
Number of graves	
Burial Dates	
Feature Type	cemetery
Deed	
Survey	
Abstract	
Latitude	
Longitude	
Atlas Number	7347000605
Atlas Map	Yes

Images



(<https://atlas.thc.texas.gov/atlasimg/Cemetery15/NA-C006.jpg>)

Blue Springs

CEMNUM='NA-C006'

Location Map



Texas Homeland Security (<http://www.texashomelandsecurity.com/>) | Texas Veterans Portal (<http://www.texvet.org/partners/texgov>) | Texas.gov (<http://www.texas.gov>)
TRAIL Search (<https://www.tsl.state.tx.us/trail/index.html>) | Site Map (<http://www.thc.texas.gov/sitemap>) | Policies (<http://www.thc.texas.gov/policies>) | Archeological Log In (</Account/Login?Length=5>)
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TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS

Activity Description	HUD Act #	Materials/Facilities/Services	\$/Unit	Unit	Quantity	Construction	Acquisition	Total
Water Improvements	03J	Sitework, Concrete Work, Grading	\$15,000.00	LS	1	\$15,000	\$0	\$15,000
Water Improvements	03J	Filtration Pressure Vessel	\$50,000.00	LS	1	\$50,000	\$0	\$50,000
Water Improvements	03J	Filter Media	\$35,000.00	LS	1	\$35,000	\$0	\$35,000
Water Improvements	03J	Plant Piping, Valves and Fittings	\$50,000.00	LS	1	\$50,000	\$0	\$50,000
Water Improvements	03J	Surge Tank	\$20,000.00	LS	1	\$20,000	\$0	\$20,000
Water Improvements	03J	pH Dosing System	\$6,000.00	LS	1	\$6,000	\$0	\$6,000
Water Improvements	03J	Backwash System	\$25,000.00	LS	1	\$25,000	\$0	\$25,000
Water Improvements	03J	Site Dress-up	\$3,000.00	LS	1	\$3,000	\$0	\$3,000
						\$204,000	\$0	\$204,000



Pat G. Oates

Signature of Registered Engineer/Architect Responsible For Table 2

2/5/19

Date:

(936) 637-4900

Phone Number

poates@glstexas.com

Email

Justification for the identified project service area.

The service area is as shown on the Location Map. It is the Etoile WSC CCN Area. The project serves the customers in this area.

From: [Pat Oates](#)
To: [Wesley McPhail](#)
Subject: RE: Nacogdoches Co 7219300 - Water
Date: Wednesday, April 15, 2020 9:59:42 AM

SEE RESPONSES BELOW.

Pat G. Oates, P.E.

Engineering Manager

936-637-4900

poates@glstexas.com

www.goodwinlasiterstrong.com



GOODWIN • LASITER • STRONG
ENGINEERING • ARCHITECTURE • INTERIOR DESIGN • SURVEYING

From: Wesley McPhail [mailto:wesley.mcphail@sbcglobal.net]

Sent: Wednesday, April 15, 2020 8:27 AM

To: Pat Oates <poates@glstexas.com>

Subject: Nacogdoches Co 7219300 - Water

Importance: High

Pat,

I hope you are staying well during this time.

I am very near submission of the Nacogdoches Co. ERR I need confirmation of the following. Does the scope of work at the Etoile WSC Plant #3 fall within the below parameters?

Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets).

YES...WE ARE NOT CHANGING CAPACITIES AND IT CERTAINLY IS A PUBLIC FACILITY IMPROVEMENT.

I also need confirmation from you on the following questions. I reasonably certain the answers are "No."

- Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the

property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

THERE ARE NO APPARENT HAZARDOUS ON-OR OFF (NEARBY) SITE SUBSTANCES. NO PHASE 1 OR 2 HAS BEEN DONE SIMPLY BECAUSE OF THE APPARENT NON-HAZARDOUS CONDITIONS ON OR NEARBY THE SITE.

- Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

NO.

- Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

NO. NO INCREASE IN DENSITIES OR CHANGES IN LAND USAGES ON SITE OR NEARBY.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Site Photos

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3



STABLE WATER
SUPPLY COMPANY
W.C. 11
W.C. 12
W.C. 13
W.C. 14







18678
FM 226

HUD Worksheets

Nacogdoches Co. 7219300 – Water Improvements
Etoile WSC Plant #3

Airport Hazards (CEST and EA)

General policy	Legislation	Regulation
It is HUD’s policy to apply standards to prevent incompatible development around civil airports and military airfields.		24 CFR Part 51 Subpart D
References		
https://www.hudexchange.info/environmental-review/airport-hazards		

1. To ensure compatible land use development, you must determine your site’s proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.*
- Yes → *Continue to Question 2.*

2. Is your project located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ)?

- Yes, project is in an APZ → *Continue to Question 3.*
- Yes, project is an RPZ/CZ → *Project cannot proceed at this location.*
- No, project is not within an APZ or RPZ/CZ
 → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within either zone.*

3. Is the project in conformance with DOD guidelines for APZ?

- Yes, project is consistent with DOD guidelines without further action.

Explain how you determined that the project is consistent:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.*

No, the project cannot be brought into conformance with DOD guidelines and has not been approved. → *Project cannot proceed at this location.*

Project is not consistent with DOD guidelines, but it has been approved by Certifying Officer or HUD Approving Official.

Explain approval process:

If mitigation measures have been or will be taken, explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve improvements to Etoile Water Supply Corporation Plant #3. The nearest Civilian Airfield – A.L. Mangham Jr. Regional Airport – KOCH – is separated by a distance of more than 22 miles. This is the only FAA listed NPIAS Airport in the entire county. There are no military airfields in the whole of Nacogdoches County.

See maps and data taken from www.tollfreeairline.com, www.airnav.com, https://www.faa.gov/airports/planning_capacity/npias/reports/media/NPIAS-Report-2019-2023-Appendix-B.pdf, <https://www.globalsecurity.org/jhtml/jframe.html#https://www.globalsecurity.org/military/facility/images/bases.pdf>, and Google Earth.

Are formal compliance steps or mitigation required?

Yes

No

Nacogdoches County Public and Private Airports, Texas:

Locate a public airport or get information on a private airport in Nacogdoches County, Texas. With thousands of airfields across the country, there are many choices when it comes to planning out your trip. Choosing between public and private airports and charter systems can make your traveling much more convenient. Use this link to find a complete [Texas list of airports](#).

Barton Memorial Airport - TS51
Garrison, Texas
Facility Usage: Private

Bob Barton
P.O. Box 540
Garrison, TX 75946
(409) 347-2744

R D Williams Airport - 5TS7
Garrison, Texas
Facility Usage: Private

R. D. Williams
Rt 3, Box 281
Garrison, TX 75946
(409) 347-2652

A L Mangham Jr. Rgnl Airport - OCH
Nacogdoches, Texas
Facility Usage: Public



City Of Nacogdoches
P.O. Box 635030
Nacogdoches, TX 75963
(936) 559-2533

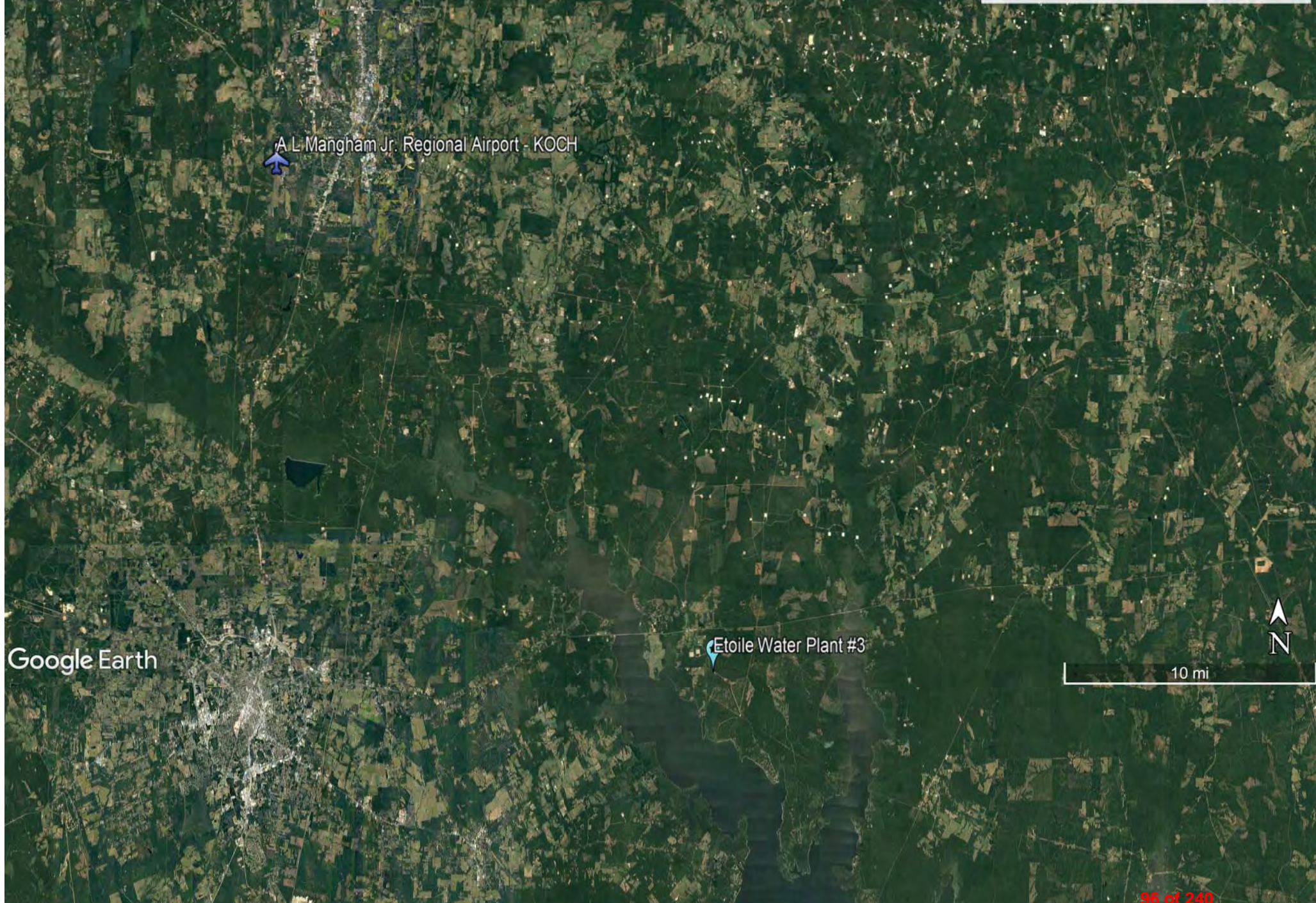
[Public Records in Nacogdoches County](#) - Provides access to a variety of government websites in Nacogdoches County. This is a great place to find out about permits, licenses, aviation rules and regulations, taxes, and a lot of other public resources.

Civilian Airfields - Nacogdoches Co 7219300 - Water

The below map shows the location of Etoile Water Plant #3 in Nacogdoches County, as well as the location AL Mangham Regional Airport - KOCH, the closest Civilian Airfield. These two sites are separated by a distance of more than 22 miles. Airport location verified via www.airnav.com

Legend

-  AL Mangham Jr. Regional Airport - KOCH
-  Etoile Water Plant #3



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AIRBOSS

iPhone App

My AirNav

1135 users online [LOGIN](#)**KOCH****Nacogdoches A L Mangham Jr. Regional Airport**

Nacogdoches, Texas, USA

**GOING TO NACOGDOCHES?**[Reserve a Hotel Room](#)**FAA INFORMATION EFFECTIVE 26 MARCH 2020****Location**

FAA Identifier: OCH

Lat/Long: 31-34-39.9500N 094-42-36.4000W

31-34.665833N 094-42.606667W

31.5777639,-94.7101111

(estimated)

Elevation: 354.8 ft. / 108.1 m (surveyed)

Variation: 05E (1995)

From city: 3 miles SW of NACOGDOCHES, TX

Time zone: UTC -5 (UTC -6 during Standard Time)

Zip code: 75964

Road maps at: [MapQuest](#) [Bing](#) [Google](#)**Airport Operations**

Airport use: Open to the public

Activation date: 04/1944

Control tower: no

ARTCC: HOUSTON CENTER

FSS: MONTGOMERY COUNTY FLIGHT SERVICE
STATION

NOTAMs facility: OCH (NOTAM-D service available)

Attendance: 0800-1700

Wind indicator: lighted

Segmented circle: yes

Lights: MIRL RWY 18/36 PRESET LOW INTST; TO INCR
INTST & ACTVT MALSR RWY 36, REIL RWY 18 -
CTAF.

Beacon: white-green (lighted land airport)

Operates sunset to sunrise.

Aerial photo

WARNING: Photo may not be current or correct

Photo by Jessie Sams
Photo taken 18-Mar-2010
5-mile final for 36Do you have a better or more recent aerial photo of Nacogdoches A L Mangham Jr. Regional Airport that you would like to share? If so, please [send us your photo](#).**Sectional chart****Airport Communications**

CTAF/UNICOM: 123.0

WX AWOS-3PT: 135.625 (936-564-5074)

- APCH/DEP SVC PRVDD BY HOUSTON ARTCC ON FREQS 125.175/285.575 (LUFKIN RCAG).

Nearby radio navigation aids

VOR radial/distance **VOR name** **Freq** **Var**
[LFLK](#)r356/24.9 LUFKIN VORTAC 112.10 05E

NDB name	Hdg/Dist	Freq	Var	ID
NACOGDOCHES	178/4.3	391	05E	GXD --- . - . - . - .
NADOS	000/5.6	253	05E	OC --- - . - .
AMASON	238/32.3	341	04E	CZJ - . - . - - . - . - - -

Airport Services

Fuel available: 100LL JET-A
 24 HR SELF SERVE WITH MAJOR CREDIT CARD;
 FUEL AVBL FM TRUCK. FOR FUEL AFT HRS CALL
 936-645-8760; OTHER NRS POSTED AT ARPT.

Parking: tie-downs
 Airframe service: MAJOR
 Powerplant service: MAJOR
 Bottled oxygen: NONE
 Bulk oxygen: NONE

Runway Information

Runway 18/36

Dimensions: 5000 x 75 ft. / 1524 x 23 m
 Surface: asphalt, in excellent condition

Weight bearing capacity: Single wheel: 23.6

Runway edge lights: medium intensity

Operational restrictions: NO LN OF SIGHT BTN THRS.

	RUNWAY 18	RUNWAY 36
--	------------------	------------------

Latitude:	31-35.077283N	31-34.255100N
-----------	---------------	---------------

Longitude:	094-42.569967W	094-42.645467W
------------	----------------	----------------

Elevation:	337.3 ft.	326.6 ft.
------------	-----------	-----------

Traffic pattern:	left	left
Runway heading:	179 magnetic, 184 true	359 magnetic, 004 true

Markings:	nonprecision, in good condition	nonprecision, in good condition
-----------	---------------------------------	---------------------------------

Visual slope indicator:	2-light PAPI on left (3.00 degrees glide path)	2-light PAPI on left (3.00 degrees glide path)
-------------------------	--	--

Approach lights:		MALSRS: 1,400 foot medium intensity approach lighting system with runway alignment indicator lights
------------------	--	---

Runway end identifier lights:	yes	no
Touchdown point:	yes, no lights	yes, no lights
Instrument approach:		ILS/DME
Obstructions:	54 ft. trees, 210 ft. from runway, 500 ft. left of centerline +54 FT TREES FM THR TO 200	73 ft. trees, 2894 ft. from runway, 303 ft. left of centerline, 36:1 slope to clear 10-40 FT TREES 85-200 FT FM THR 490 FT LEFT; 40



Airport distance calculator

Flying to Nacogdoches A L Mangham Jr. Regional Airport? Find the distance to fly.

From to KOCH

Sunrise and sunset

Times for 30-Mar-2020

	Local (UTC-5)	Zulu (UTC)
Morning civil twilight	06:45	11:45
Sunrise	07:10	12:10
Sunset	19:36	00:36
Evening civil twilight	20:01	01:01

Current date and time

Zulu (UTC) 30-Mar-2020 15:22:36
 Local (UTC-5) 30-Mar-2020 10:22:36

METAR

KOCH 301456Z AUTO 06005KT 6SM -RA OVC028 16/13 A3012 RMK AO2 RAB27 SLP204 P0001 60001 T01610128 50005

TAF

KLFK 301149Z 3012/3112 06005KT P6SM 21nm S SCT120 OVC250 FM301500 10008KT P6SM OVC050 TEMPO 3018/3022 5SM -TSRA OVC030CB FM302200 13007KT P6SM OVC015 FM310500 18007KT 3SM TSRA OVC007CB FM311100 26007KT 3SM -TSRA OVC007CB

NOTAMs

[Click for the latest NOTAMs](#)
 NOTAMs are issued by the DoD/FAA and will open in a separate window not controlled by AirNav.

FT FM THR AT FT TREES 75-120 FT FM
500 FT LEFT. THR 485 FT RIGHT.

Airport Ownership and Management from official FAA records

Ownership: Publicly-owned

Owner: CITY OF NACOGDOCHES
PO BOX 635030
NACOGDOCHES, TX 75963-5030
Phone 936-559-2502

Manager: JOE CEFALU
556 TERRY CRAWFORD, OFC
NACOGDOCHES, TX 75964
Phone 936-585-3660

Airport Operational Statistics

Aircraft based on the field: 12	Aircraft operations: avg 83/day *
Single engine airplanes: 11	74% local general aviation
Multi engine airplanes: 1	25% transient general aviation
	1% military
	* for 12-month period ending 04 February 2016

Additional Remarks

- 35 FT AGL ANT 400 FT WEST OF CNTRLN RWY 18/36.
- BIRDS ON AND INVOF ARPT.
- FOR CD CTC HOUSTON ARTCC AT 281-230-5622.

Instrument Procedures

NOTE: All procedures below are presented as PDF files. If you need a reader for these files, you should [download](#) the free Adobe Reader.

NOT FOR NAVIGATION. Please procure official charts for flight.

FAA instrument procedures published for use from 26 March 2020 at 0901Z to 23 April 2020 at 0900Z.

IAPs - Instrument Approach Procedures

ILS OR LOC RWY 36 **CHANGED**	download (310KB)
RNAV (GPS) RWY 18 **CHANGED**	download (177KB)
RNAV (GPS) RWY 36 **CHANGED**	download (219KB)
NDB RWY 18 **CHANGED**	download (183KB)
NOTE: Special Alternate Minimums apply	download (44KB)
NOTE: Special Take-Off Minimums/Departure Procedures apply	download (109KB)

Other nearby airports with instrument procedures:

[KLFK](#) - Angelina County Airport (21 nm S)
[KJSO](#) - Cherokee County Airport (31 nm NW)
[F17](#) - Center Municipal Airport (32 nm NE)
[KRFI](#) - Rusk County Airport (35 nm N)
[KDKR](#) - Houston County Airport (39 nm SW)

FBO, Fuel Providers, and Aircraft Ground Support

Business Name	Contact	Services / Description	Fuel Prices	Comments
City of Nacogdoches	936-560-9567 [web site] [email] 	Airport management, Aviation fuel, Aircraft parking (ramp or tiedown), GPU / Power cart, Passenger terminal and lounge, Catering, Pilot supplies, ...  	Shell 100LL Jet A FS \$4.29 \$3.99 SS \$3.99 \$3.79 Updated 18-Mar-2020	not yet rated write
More info about City of Nacogdoches				
			FS= Full service SS= Self service	
UPDATE PRICES				

Would you like to see your business listed on this page?

If your business provides an interesting product or service to pilots, flight crews, aircraft, or users of the Nacogdoches A L Mangham Jr. Regional Airport, you should consider listing it here. To start the listing process, click on the button below

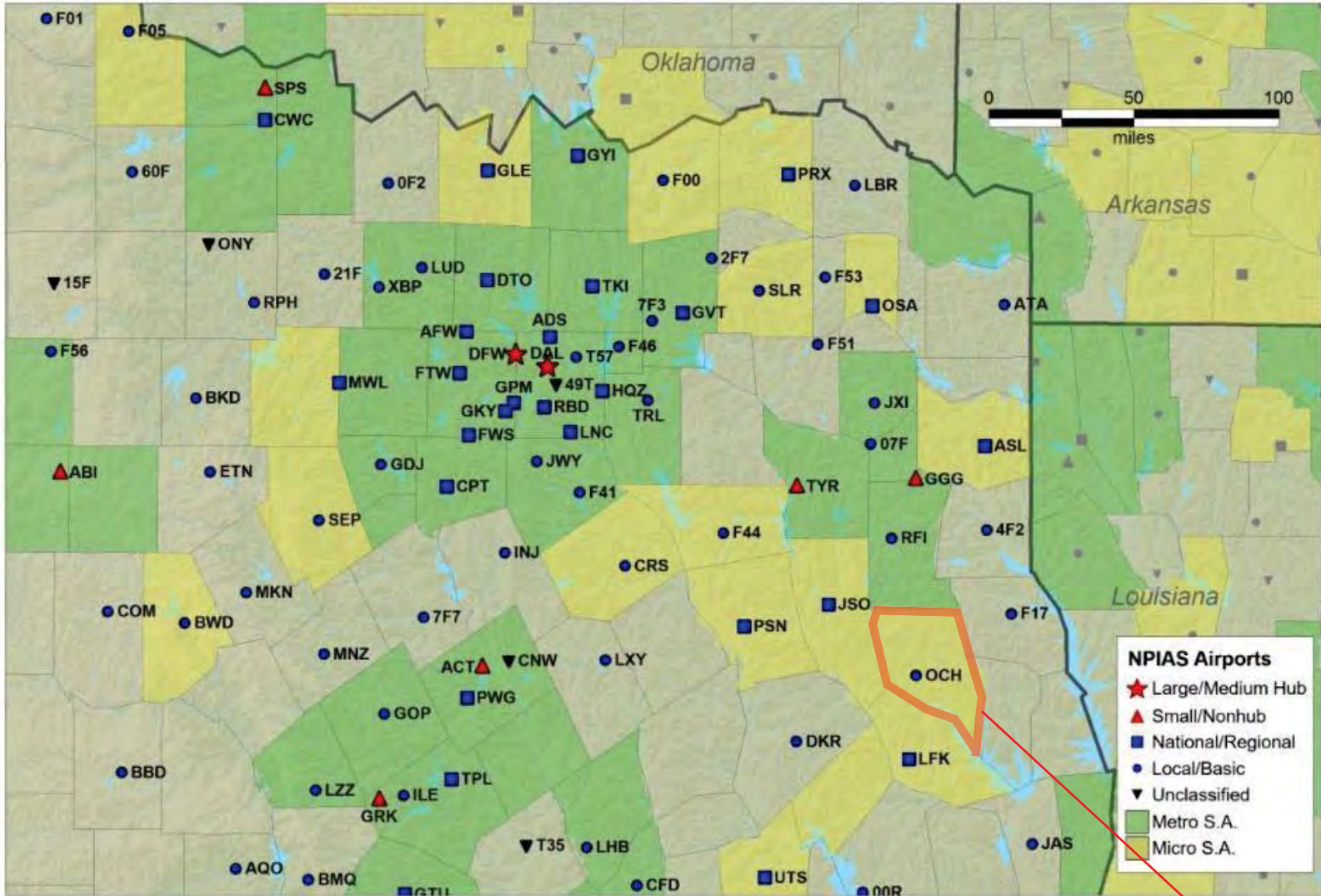
[ADD YOUR BUSINESS OR SERVICE](#)

Other Pages about Nacogdoches A L Mangham Jr. Regional Airport

www.ci.nacogdoches.tx.us/modules.php?name=Content&pa=showpage&pid=1

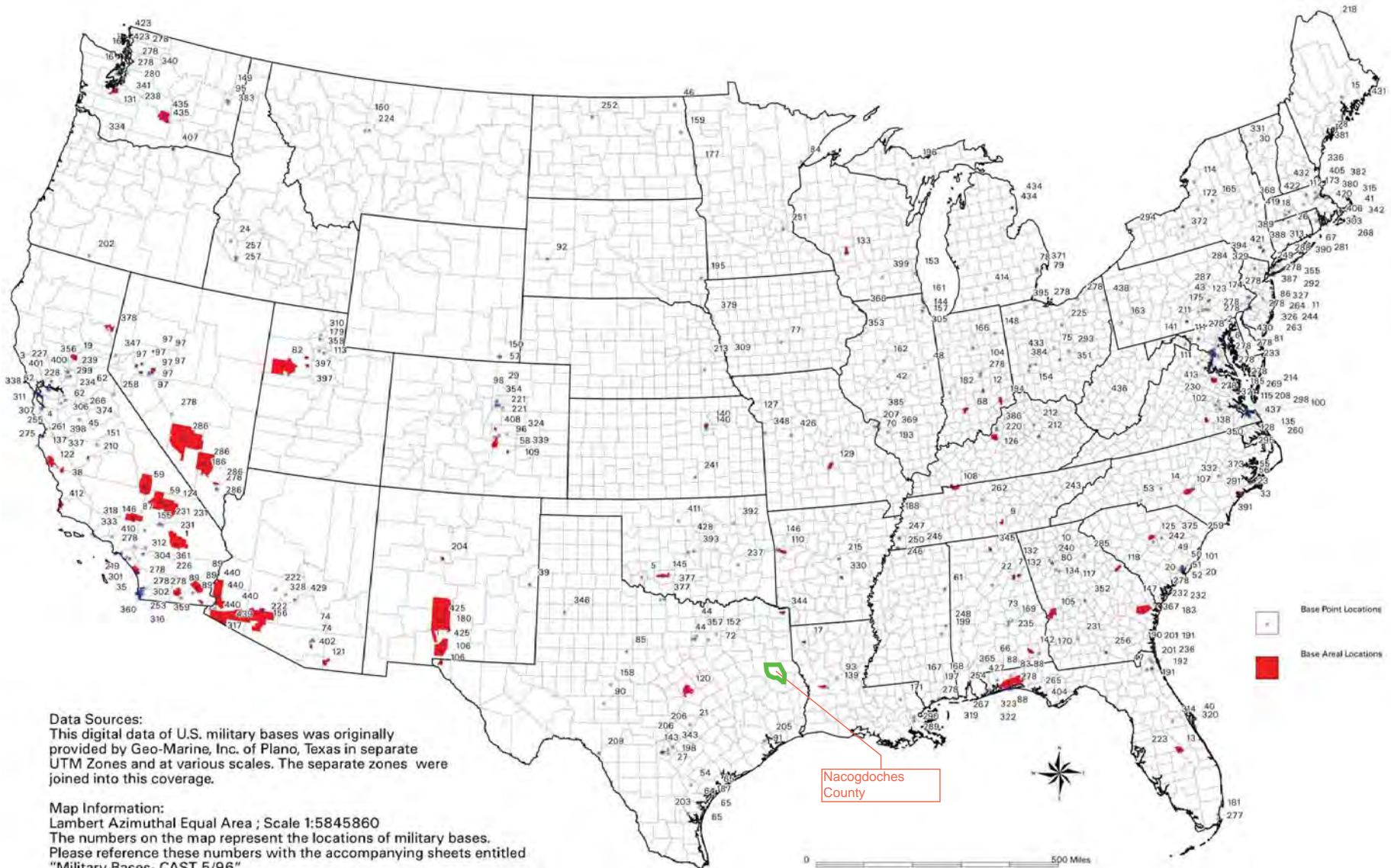
[UPDATE, REMOVE OR ADD A LINK](#)

Texas (Northeast)



Nacogdoches Co.

Military Bases in the Continental United States



Data Sources:

This digital data of U.S. military bases was originally provided by Geo-Marine, Inc. of Plano, Texas in separate UTM Zones and at various scales. The separate zones were joined into this coverage.

Map Information:

Lambert Azimuthal Equal Area ; Scale 1:5845860

The numbers on the map represent the locations of military bases.

Please reference these numbers with the accompanying sheets entitled "Military Bases- CAST 5/96".

Nacogdoches
County

- Base Point Locations
- Base Areal Locations

Coastal Barrier Resources (CEST and EA)

General requirements	Legislation	Regulation
HUD financial assistance may not be used for most activities in units of the Coastal Barrier Resources System (CBRS). See 16 USC 3504 for limitations on federal expenditures affecting the CBRS.	Coastal Barrier Resources Act (CBRA) of 1982, as amended by the Coastal Barrier Improvement Act of 1990 (16 USC 3501)	
References		
https://www.hudexchange.info/environmental-review/coastal-barrier-resources		

Projects located in the following states must complete this form.

Alabama	Georgia	Massachusetts	New Jersey	Puerto Rico	Virgin Islands
Connecticut	Louisiana	Michigan	New York	Rhode Island	Virginia
Delaware	Maine	Minnesota	North Carolina	South Carolina	Wisconsin
Florida	Maryland	Mississippi	Ohio	Texas	

1. Is the project located in a CBRS Unit?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a CBRS Unit.*
- Yes → *Continue to Question 2.*

Federal assistance for most activities may not be used at this location. You must either choose an alternate site or cancel the project. In very rare cases, federal monies can be spent within CBRS units for certain exempted activities (e.g., a nature trail), after consultation with the Fish and Wildlife Service (FWS) (see [16 USC 3505](#) for exceptions to limitations on expenditures).

2. Indicate your selected course of action.

- After consultation with the FWS the project was given approval to continue
→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map and documentation of a FWS approval.*
- Project was not given approval
Project cannot proceed at this location.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Nacogdoches County is situated approximately 128 miles north of the nearest CBRS unit.

See maps and data gathered from <https://www.fws.gov/cbra/maps/index.html> and Google Earth.

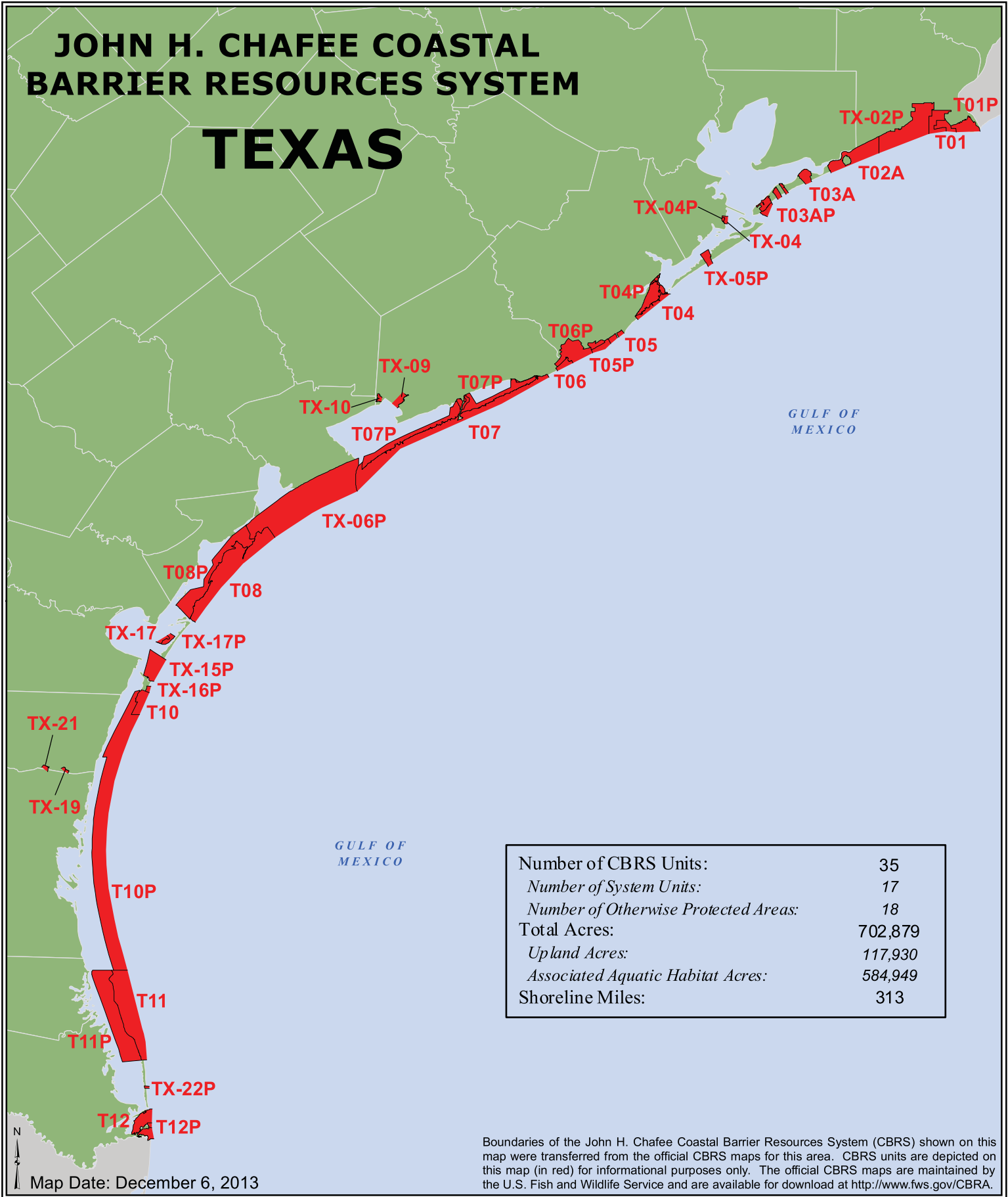
Are formal compliance steps or mitigation required?

Yes

No

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

TEXAS



Number of CBRS Units:	35
Number of System Units:	17
Number of Otherwise Protected Areas:	18
Total Acres:	702,879
Upland Acres:	117,930
Associated Aquatic Habitat Acres:	584,949
Shoreline Miles:	313


Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area. CBRS units are depicted on this map (in red) for informational purposes only. The official CBRS maps are maintained by the U.S. Fish and Wildlife Service and are available for download at <http://www.fws.gov/CBRA>.

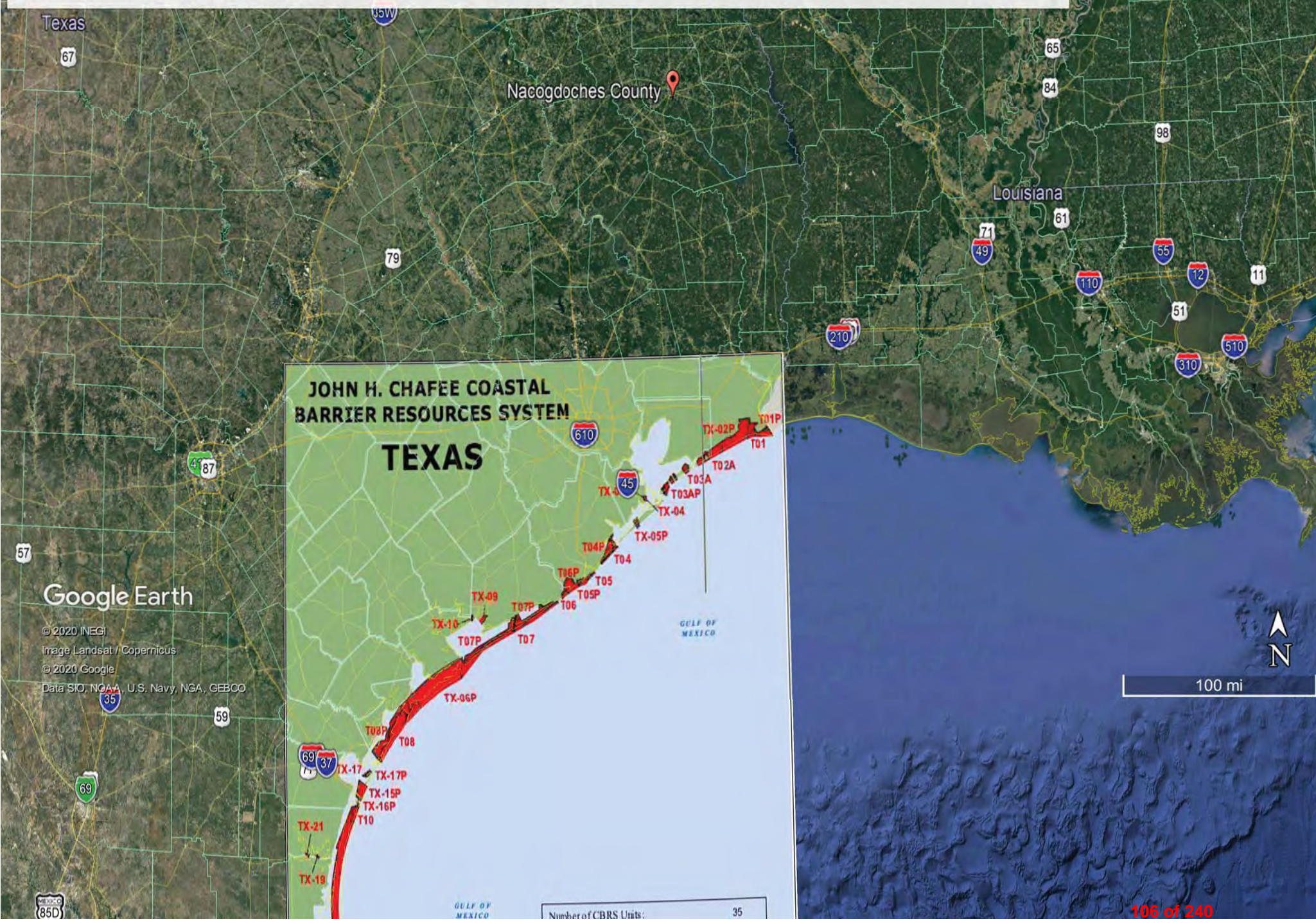
Map Date: December 6, 2013

Nacogdoches County 7219300 - Water

The below map contains a layer taken from www.fws.gov/cbra/maps/locator/tx.pdf showing the Texas Coastal Barrier Resources Zones. Nacogdoches County is situated approximately 128 miles to the north of these zones.

Legend

-  Nacogdoches County



Flood Insurance (CEST and EA)

General requirements	Legislation	Regulation
Certain types of federal financial assistance may not be used in floodplains unless the community participates in National Flood Insurance Program and flood insurance is both obtained and maintained.	Flood Disaster Protection Act of 1973 as amended (42 USC 4001-4128)	24 CFR 50.4(b)(1) and 24 CFR 58.6(a) and (b); 24 CFR 55.1(b).
Reference		
https://www.hudexchange.info/environmental-review/flood-insurance		

1. Does this project involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property?

No. This project does not require flood insurance or is excepted from flood insurance. → *Continue to the Worksheet Summary.*

Yes → *Continue to Question 2.*

2. Provide a FEMA/FIRM map showing the site.

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs). For projects in areas not mapped by FEMA, use the best available information to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site. Provide FEMA/FIRM floodplain zone designation, panel number, and date within your documentation.

Is the structure, part of the structure, or insurable property located in a FEMA-designated Special Flood Hazard Area?

No → *Continue to the Worksheet Summary.*

Yes → *Continue to Question 3.*

3. Is the community participating in the National Flood Insurance Program or has less than one year passed since FEMA notification of Special Flood Hazards?

Yes, the community is participating in the National Flood Insurance Program.

For loans, loan insurance or loan guarantees, flood insurance coverage must be continued for the term of the loan. For grants and other non-loan forms of financial assistance, flood insurance coverage must be continued for the life of the building irrespective of the transfer of ownership. The amount of coverage must equal the total project cost or the maximum coverage limit of the National Flood Insurance Program, whichever is less

Provide a copy of the flood insurance policy declaration or a paid receipt for the current annual flood insurance premium and a copy of the application for flood insurance.

→ *Continue to the Worksheet Summary.*

- Yes, less than one year has passed since FEMA notification of Special Flood Hazards. If less than one year has passed since notification of Special Flood Hazards, no flood Insurance is required.

→ *Continue to the Worksheet Summary.*

- No. The community is not participating, or its participation has been suspended.

Federal assistance may not be used at this location. Cancel the project at this location.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project does not involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property.

The County of Nacogdoches is a participating community in FEMA's National Flood Program. See information taken from <https://www.fema.gov/cis/TX.pdf>

Are formal compliance steps or mitigation required?

Yes

No

Federal Emergency Management Agency Community Status Book Report TEXAS

Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
480933	MILAM COUNTY*	MILAM COUNTY				02/29/00(E)	No
480380#	MILDRED, TOWN OF	NAVARRO COUNTY		06/05/12	06/05/12(M)	05/17/16	No
480992	MILES, CITY OF	RUNNELS COUNTY	08/13/76	04/01/07	04/01/07(L)	04/01/07	No
480802#	MILFORD, CITY OF	ELLIS COUNTY	08/29/75	01/20/99	06/03/13	03/06/01	No
480583#	MILLER'S COVE, TOWN OF	TITUS COUNTY		09/29/10	09/29/10(M)	08/24/12	No
480935	MILLS COUNTY*	MILLS COUNTY				04/28/92(E)	No
480107B	MILLSAP, CITY OF	PARKER COUNTY		09/26/08	04/05/19(M)	08/28/13	No
480679#	MINEOLA, CITY OF	WOOD COUNTY	06/04/76	09/03/10	09/03/10(M)	09/03/10	No
480517B	MINERAL WELLS, CITY OF	PARKER COUNTY/PALO PINTO COUNTY	05/03/74	12/01/77	04/05/19	12/01/77	No
480518B	MINGUS, CITY OF	PALO PINTO COUNTY	05/02/75	09/01/04	04/05/19	09/01/04	No
481578#	MISSION BEND M.U.D. #1	FORT BEND COUNTY/HARRIS COUNTY	05/26/70	08/05/86	(NSFHA)	09/04/87	No
	THIS COMMUNITY IS NOW A PART OF HARRIS COUNTY (CID 480287)						
480345#	MISSION, CITY OF	HIDALGO COUNTY	02/15/74	08/15/79	11/20/91	08/15/79	No
480304G	MISSOURI CITY, CITY OF	HARRIS COUNTY/FORT BEND COUNTY	01/17/75	01/06/82	05/02/19	01/06/82	No
480937#	MITCHELL COUNTY *	MITCHELL COUNTY	10/23/81	05/15/85	05/15/85(M)	05/15/85	No
480644	MONAHANS, CITY OF	WARD COUNTY	06/11/76	02/01/88	02/01/88(L)	02/01/88	No
480122B	MONT BELVIEU, CITY OF	LIBERTY COUNTY/CHAMBERS COUNTY	12/24/76	08/16/82	01/19/18	08/16/82	No
480939#	MONTAGUE COUNTY*	MONTAGUE COUNTY		01/17/91	08/16/11	01/17/91	No
480483#	MONTGOMERY COUNTY*	MONTGOMERY COUNTY	04/25/78	08/01/84	08/18/14	08/01/84	No
481483#	MONTGOMERY, CITY OF	MONTGOMERY COUNTY	11/26/76	11/17/82	08/18/14	09/30/97	No
480930#	MOODY, CITY OF	MCLENNAN COUNTY	07/09/76	09/26/08	(NSFHA)	09/26/08	No
481525#	MORGAN'S POINT RESORT, CITY OF	BELL COUNTY	06/19/79	09/26/08	09/26/08(M)	09/26/08	No
480305G	MORGANS POINT, CITY OF	HARRIS COUNTY	06/28/74	12/01/83	01/06/17	12/01/83	No
480943A	MORRIS COUNTY*	MORRIS COUNTY	08/09/77	04/01/07	04/01/07(L)	04/01/07	No
480127#	MORTON, CITY OF	COCHRAN COUNTY	06/14/74	08/03/82	08/03/82(M)	08/03/82	No
480945	MOTLEY COUNTY*	MOTLEY COUNTY				05/03/01(E)	No
480433#	MOULTON, CITY OF	LAVACA COUNTY	04/05/74	03/04/86	11/26/10(M)	03/04/86	No
480863B	MOUNT CALM, CITY OF	HILL COUNTY	11/05/76	06/02/11	12/20/19	06/02/11	No
481124#	MOUNT ENTERPRISE, CITY OF	RUSK COUNTY		09/29/10	09/29/10(M)	09/29/10	No
480621#	MOUNT PLEASANT, CITY OF	TITUS COUNTY	02/01/74	12/16/80	09/29/10	12/16/80	No
480821	MOUNT VERNON, CITY OF	FRANKLIN COUNTY	07/23/76	06/19/85	06/19/85(M)	06/19/85	No
481671#	MOUNTAIN CITY, CITY OF	HAYS COUNTY		02/18/98	09/02/05	11/06/07	No
480767#	MUENSTER, CITY OF	COOKE COUNTY	07/25/75	06/05/85	01/16/08	06/05/85	No
480019#	MULESHOE, CITY OF	BAILEY COUNTY	05/25/74	10/17/89	10/17/89	10/17/89	No
480330#	MURCHISON, CITY OF	HENDERSON COUNTY	06/11/76	05/18/82	04/05/10(M)	05/18/82	No
480137#	MURPHY, CITY OF	COLLIN COUNTY	12/07/73	04/01/80	06/02/09	04/01/80	No
481687D	MUSTANG RIDGE, CITY OF	CALDWELL COUNTY/TRAVIS COUNTY	03/07/78	04/01/82	01/22/20	06/15/00	No
	ADOPTED FIRM FOR TRAVIS COUNTY (481026) Panels 0140, 0145, 0180, AND 0185 AND THE FIRM FOR CALDWELL COUNTY (480097) PANEL 0025.						
480947#	NACOGDOCHES COUNTY*	NACOGDOCHES COUNTY	12/27/77	03/01/91	05/20/10	03/01/91	No
480497#	NACOGDOCHES, CITY OF	NACOGDOCHES COUNTY	06/28/74	02/18/81	05/20/10	02/18/81	No
480494#	NAPLES, CITY OF	MORRIS COUNTY	04/12/74	11/21/78	11/21/78(M)	11/21/78	No
480058B	NASH, CITY OF	BOWIE COUNTY	01/23/74	06/21/77	12/21/17(M)	06/21/77	No
485491G	NASSAU BAY, CITY OF	HARRIS COUNTY		11/13/70	01/06/17	11/13/70	No
481112#	NATALIA, CITY OF	MEDINA COUNTY	11/05/76	04/15/80	04/03/12	04/15/80	No
480950#	NAVARRO COUNTY*	NAVARRO COUNTY	12/27/77	04/01/04	06/05/12	04/01/04	No

Air Quality (CEST and EA)

General Requirements	Legislation	Regulation
The Clean Air Act is administered by the U.S. Environmental Protection Agency (EPA), which sets national standards on ambient pollutants. In addition, the Clean Air Act is administered by States, which must develop State Implementation Plans (SIPs) to regulate their state air quality. Projects funded by HUD must demonstrate that they conform to the appropriate SIP.	Clean Air Act (42 USC 7401 et seq.) as amended particularly Section 176(c) and (d) (42 USC 7506(c) and (d))	40 CFR Parts 6, 51 and 93
Reference		
https://www.hudexchange.info/environmental-review/air-quality		

Scope of Work

1. Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?

Yes

→ Continue to Question 2.

No

Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Air Quality Attainment Status of Project’s County or Air Quality Management District

2. Is your project’s air quality management district or county in non-attainment or maintenance status for any criteria pollutants?

Follow the link below to determine compliance status of project county or air quality management district:

<http://www.epa.gov/oaqps001/greenbk/>

No, project’s county or air quality management district is in attainment status for all criteria pollutants

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes, project’s management district or county is in non-attainment or maintenance status for one or more criteria pollutants.

Describe the findings:

→ Continue to Question 3.

3. Determine the estimated emissions levels of your project for each of those criteria pollutants that are in non-attainment or maintenance status on your project area. Will your project exceed any of the *de minimis* or *threshold* emissions levels of non-attainment and maintenance level pollutants or exceed the screening levels established by the state or air quality management district?

No, the project will not exceed *de minimis* or threshold emissions levels or screening levels

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Explain how you determined that the project would not exceed *de minimis* or threshold emissions.

Yes, the project exceeds *de minimis* emissions levels or screening levels.

→ Continue to Question 4. Explain how you determined that the project would not exceed *de minimis* or threshold emissions in the Worksheet Summary.

4. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Nacogdoches County is not designated as NON-ATTAINMENT by the EPA.

See maps and data taken from <https://www3.epa.gov/airquality/greenbook/map/mapnpoll.pdf> and Google Earth

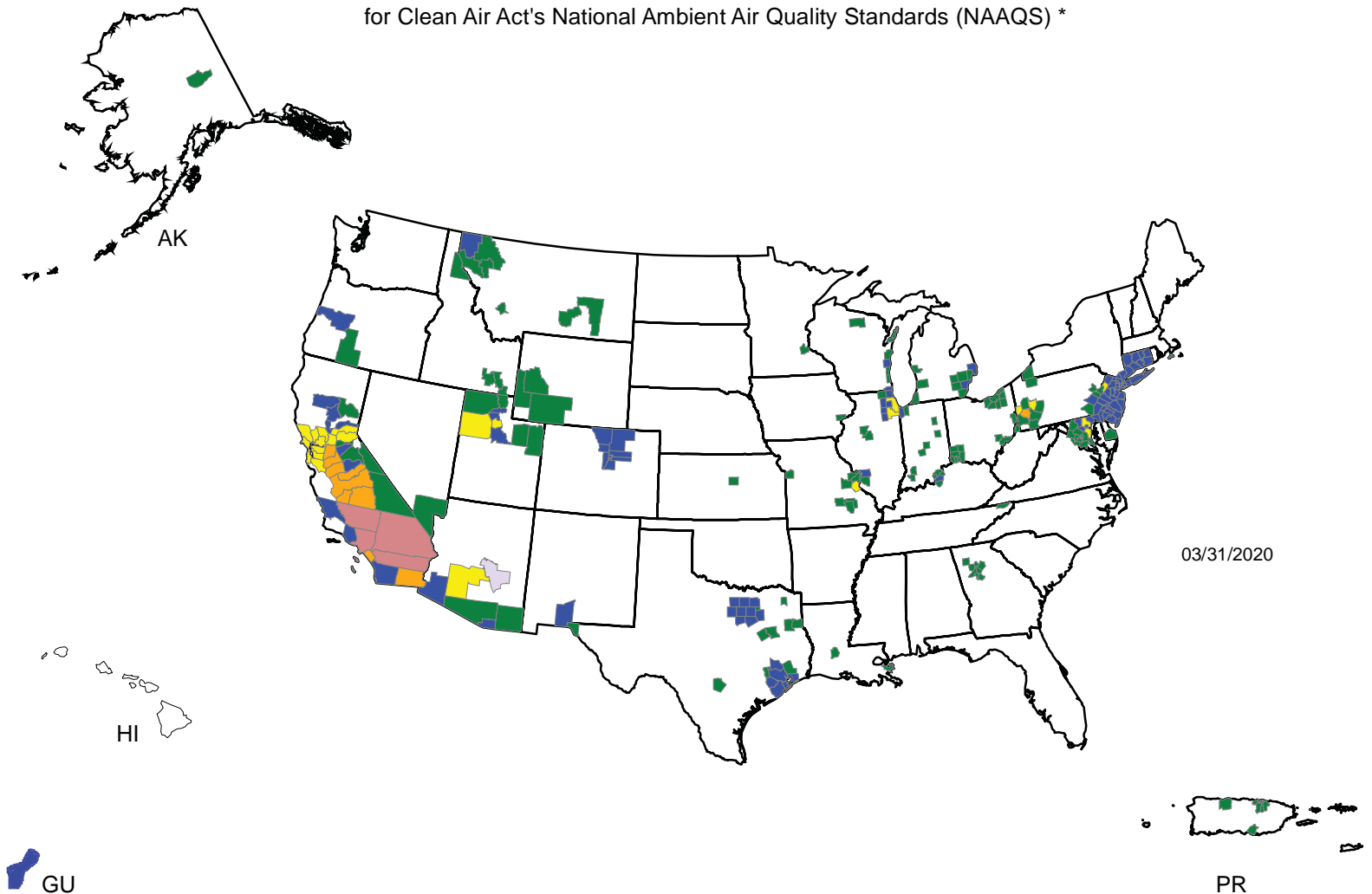
Are formal compliance steps or mitigation required?

Yes

No

Counties Designated "Nonattainment"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



Legend **

- County Designated Nonattainment for 6 NAAQS Pollutants
- County Designated Nonattainment for 5 NAAQS Pollutants
- County Designated Nonattainment for 4 NAAQS Pollutants
- County Designated Nonattainment for 3 NAAQS Pollutants
- County Designated Nonattainment for 2 NAAQS Pollutants
- County Designated Nonattainment for 1 NAAQS Pollutant


* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

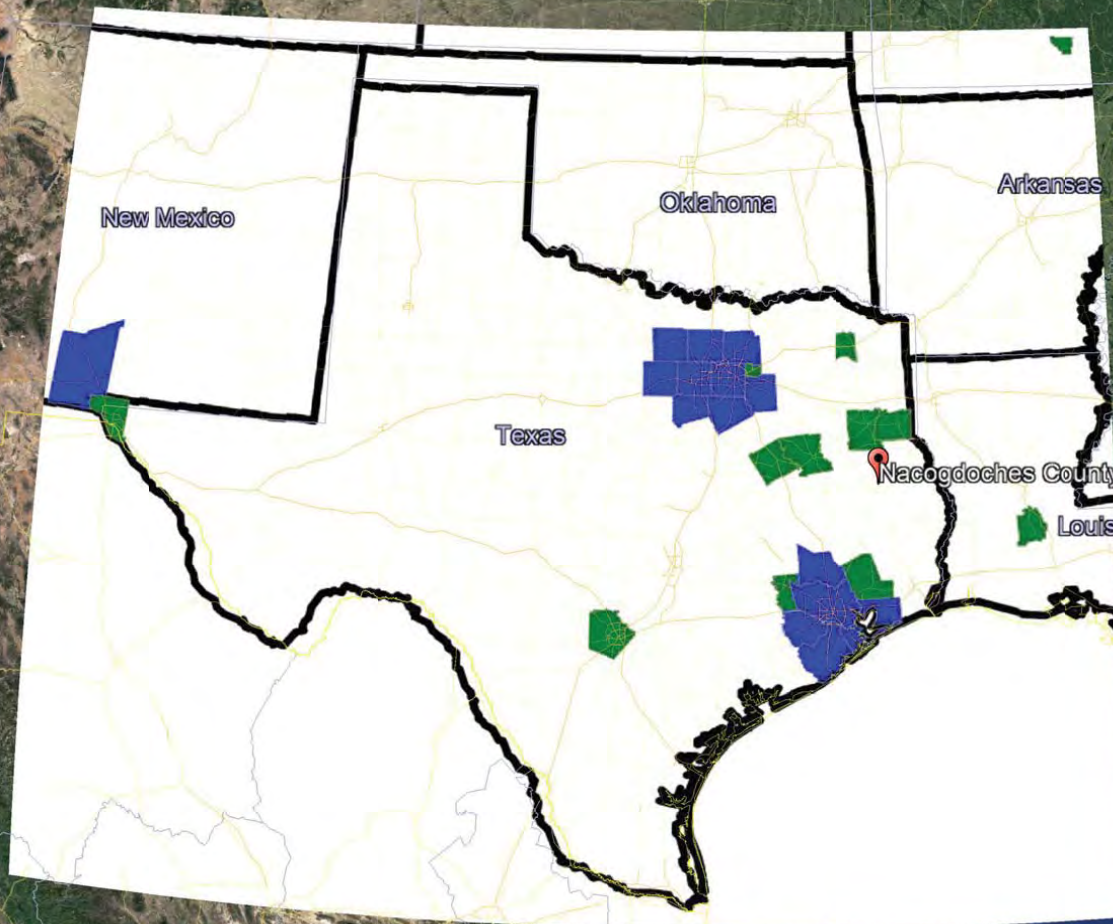
** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

Air Quality - Nacogdoches County - 7219300 - Water

The below map contains a layer taken from www3.epa.gov/airquality/greenbook/map/mapnpoll.pdf showing that the the Nacogdoches County is not located in an EPA designated NON-ATTAINMENT area

Legend

 Nacogdoches County



Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2020 Google
Image Landsat / Copernicus
© 2020 INEGI

500 mi



Coastal Zone Management Act (CEST and EA)

General requirements	Legislation	Regulation
Federal assistance to applicant agencies for activities affecting any coastal use or resource is granted only when such activities are consistent with federally approved State Coastal Zone Management Act Plans.	Coastal Zone Management Act (16 USC 1451-1464), particularly section 307(c) and (d) (16 USC 1456(c) and (d))	15 CFR Part 930
References		
https://www.onecpd.info/environmental-review/coastal-zone-management		

Projects located in the following states must complete this form.

Alabama	Florida	Louisiana	Mississippi	Ohio	Texas
Alaska	Georgia	Maine	New Hampshire	Oregon	Virgin Islands
American Samona	Guam	Maryland	New Jersey	Pennsylvania	Virginia
California	Hawaii	Massachusetts	New York	Puerto Rico	Washington
Connecticut	Illinois	Michigan	North Carolina	Rhode Island	Wisconsin
Delaware	Indiana	Minnesota	Northern Mariana Islands	South Carolina	

1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

Yes → *Continue to Question 2.*

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a Coastal Zone.*

2. Does this project include activities that are subject to state review?

Yes → *Continue to Question 3.*

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.*

3. Has this project been determined to be consistent with the State Coastal Management Program?

Yes, with mitigation. → *Continue to Question 4.*

Yes, without mitigation. → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.*

No, project must be canceled.

Project cannot proceed at this location.

4. Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Continue to the Worksheet Summary below. Provide documentation of the consultation (including the State Coastal Management Program letter of consistency) and any other documentation used to make your determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The Etoile WSC Plant #3 is situated in Nacogdoches Co. approximately 81 miles North of the Texas Coastal Zone.

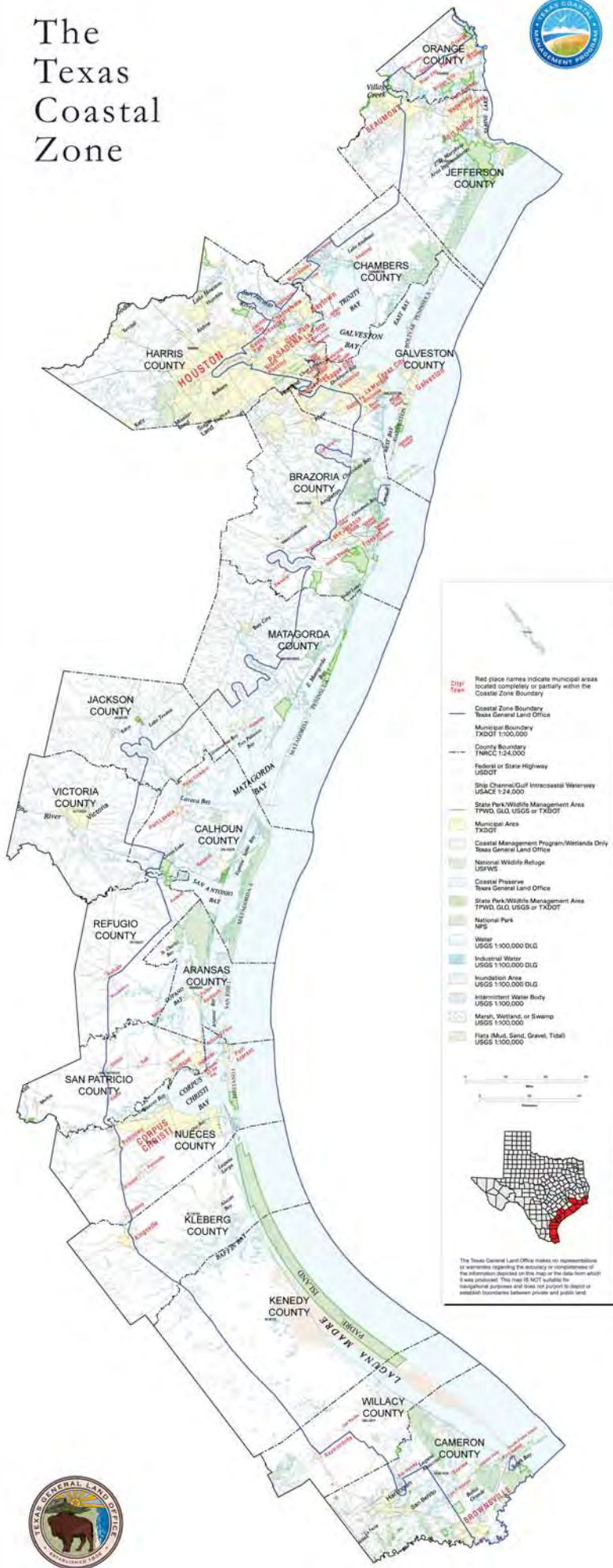
See maps and data taken from <https://glo.texas.gov/coast/coastal-management/forms/files/CoastalBoundaryMap.pdf>, and Google Earth.

Are formal compliance steps or mitigation required?

Yes

No

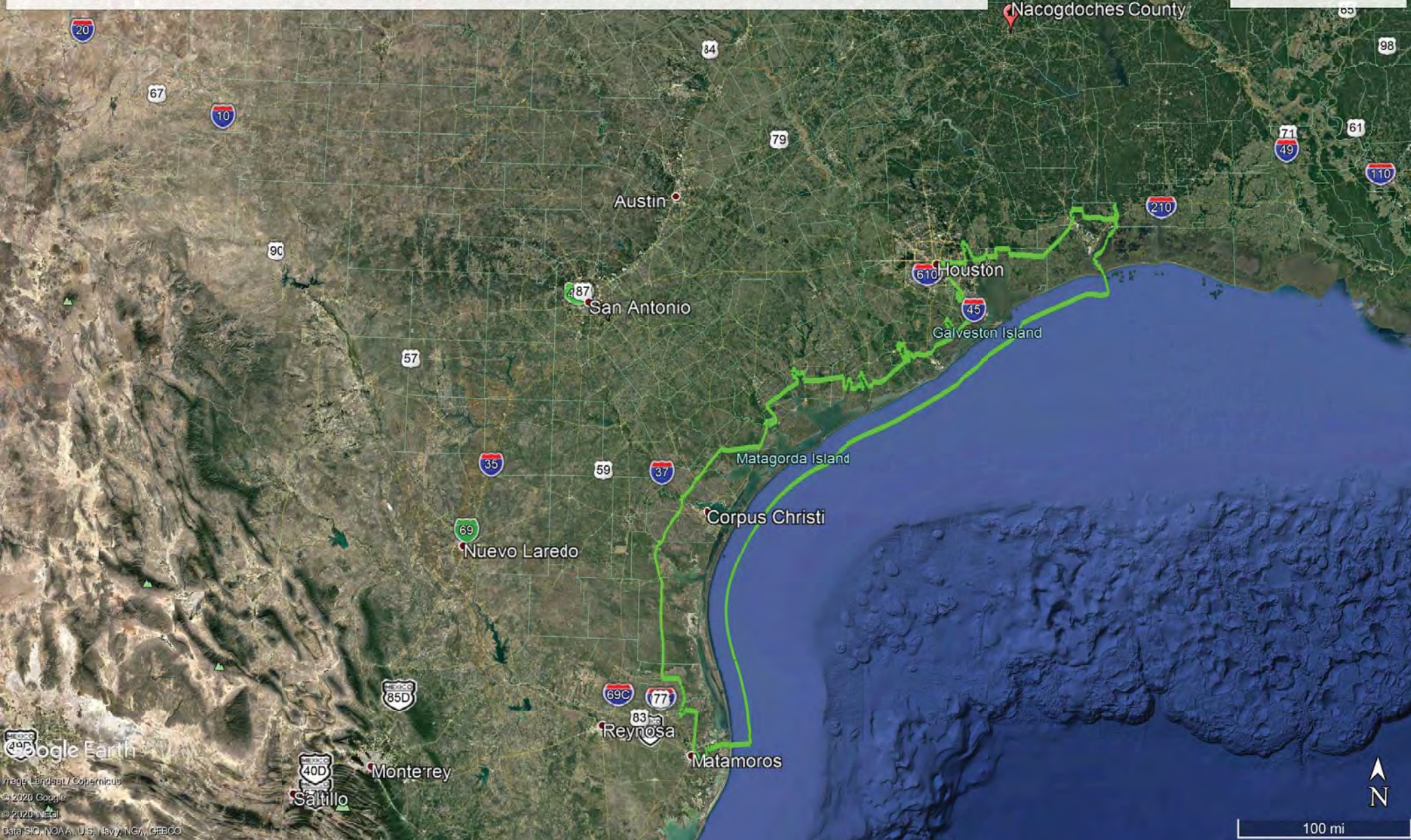
The Texas Coastal Zone



Nacogdoches County - 7219300 - Water

The below map contains a shape file provided by GLO Coastal showing the boundary of the Texas Coastal Zone. The County of Nacogdoches, TX is not within this zone.

Legend
■ Nacogdoches County



Contamination and Toxic Substances (Multifamily and Non-Residential Properties)

General requirements	Legislation	Regulations
It is HUD policy that all properties that are being proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of the occupants or conflict with the intended utilization of the property.		24 CFR 58.5(i)(2) 24 CFR 50.3(i)
Reference		
https://www.hudexchange.info/programs/environmental-review/site-contamination		

1. How was site contamination evaluated? ¹ Select all that apply.

- ASTM Phase I ESA
- ASTM Phase II ESA
- Remediation or clean-up plan
- ASTM Vapor Encroachment Screening
- None of the above

→ Provide documentation and reports and include an explanation of how site contamination was evaluated in the Worksheet Summary.

Continue to Question 2.

2. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

- No

Explain:

The project will involve improvements to an existing Water Treatment Plant. The facility is already in place. The project does not involve the construction or repair of any habitable structures, and is not situated any EPA identified sites.

¹ HUD regulations at 24 CFR § 58.5(i)(2)(ii) require that the environmental review for multifamily housing with five or more dwelling units or non-residential property include the evaluation of previous uses of the site or other evidence of contamination on or near the site. For acquisition and new construction of multifamily and nonresidential properties HUD strongly advises the review include an ASTM Phase I Environmental Site Assessment (ESA) to meet real estate transaction standards of due diligence and to help ensure compliance with HUD’s toxic policy at 24 CFR §58.5(i) and 24 CFR §50.3(i). Also note that some HUD programs require an ASTM Phase I ESA.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes.

→ *Describe the findings, including any recognized environmental conditions (RECs), in Worksheet Summary below. Continue to Question 3.*

3. Mitigation

Document the mitigation needed according to the requirements of the appropriate federal, state, tribal, or local oversight agency. If the adverse environmental effects cannot be mitigated, then HUD assistance may not be used for the project at this site.

Can adverse environmental impacts be mitigated?

Adverse environmental impacts cannot feasibly be mitigated

→ Project cannot proceed at this location.

Yes, adverse environmental impacts can be eliminated through mitigation.

→ *Provide all mitigation requirements² and documents. Continue to Question 4.*

4. Describe how compliance was achieved. Include any of the following that apply: State Voluntary Clean-up Program, a No Further Action letter, use of engineering controls³, or use of institutional controls⁴.

² Mitigation requirements include all clean-up actions required by applicable federal, state, tribal, or local law. Additionally, provide, as applicable, the long-term operations and maintenance plan, Remedial Action Work Plan, and other equivalent documents.

³ Engineering controls are any physical mechanism used to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

⁴ Institutional controls are mechanisms used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for unrestricted use of the property. Institutional controls may include structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.

If a remediation plan or clean-up program was necessary, which standard does it follow?

Complete removal

→ *Continue to the Worksheet Summary.*

Risk-based corrective action (RBCA)

→ *Continue to the Worksheet Summary.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve the rehabilitation of an existing Water Plant. No area businesses or industry will interfere with the intent of the project. The facility is already in place. There are no Municipal Solid Waste Facilities in the area and nothing present that will interfere with the intended purpose of said sites – all sites are existing. There are no contaminants present that will impact the intended usage of the project, and no EPA identified sites in the vicinity.

See maps and data taken from <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>; and <https://tceq.maps.arcgis.com/>

Are formal compliance steps or mitigation required?

Yes

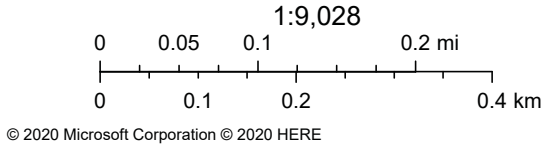
No

Nacogdoches Co. - Contamination



April 13, 2020

- Project 1
- Search Result (point)



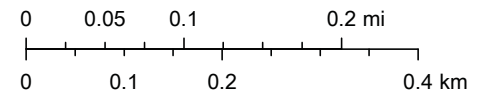
MSW Map - Nacogdoches Co.



4/13/2020, 5:27:36 PM

-  Texas
-  Active Landfills
-  Counties

1:9,028



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

Web AppBuilder for ArcGIS
USDA FSA, GeoEye, Maxar, CNES/Airbus DS, Esri, HERE, Garmin, iPC |

From: [Pat Oates](#)
To: [Wesley McPhail](#)
Subject: RE: Nacogdoches Co 7219300 - Water
Date: Wednesday, April 15, 2020 9:59:42 AM

SEE RESPONSES BELOW.

Pat G. Oates, P.E.

Engineering Manager

936-637-4900

poates@glstexas.com

www.goodwinlasiterstrong.com



From: Wesley McPhail [mailto:wesley.mcphail@sbcglobal.net]

Sent: Wednesday, April 15, 2020 8:27 AM

To: Pat Oates <poates@glstexas.com>

Subject: Nacogdoches Co 7219300 - Water

Importance: High

Pat,

I hope you are staying well during this time.

I am very near submission of the Nacogdoches Co. ERR I need confirmation of the following. Does the scope of work at the Etoile WSC Plant #3 fall within the below parameters?

Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets).

YES...WE ARE NOT CHANGING CAPACITIES AND IT CERTAINLY IS A PUBLIC FACILITY IMPROVEMENT.

I also need confirmation from you on the following questions. I reasonably certain the answers are "No."

- Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the

property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

THERE ARE NO APPARENT HAZARDOUS ON-OR OFF (NEARBY) SITE SUBSTANCES. NO PHASE 1 OR 2 HAS BEEN DONE SIMPLY BECAUSE OF THE APPARENT NON-HAZARDOUS CONDITIONS ON OR NEARBY THE SITE.

- Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

NO.

- Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

NO. NO INCREASE IN DENSITIES OR CHANGES IN LAND USAGES ON SITE OR NEARBY.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Endangered Species Act (CEST and EA)

General requirements	ESA Legislation	Regulations
Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure that actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service (“FWS” and “NMFS” or “the Services”).	The Endangered Species Act of 1973 (16 U.S.C. 1531 <i>et seq.</i>); particularly section 7 (16 USC 1536).	50 CFR Part 402
References		
https://www.hudexchange.info/environmental-review/endangered-species		

1. Does the project involve any activities that have the potential to affect species or habitats?

No, the project will have No Effect due to the nature of the activities involved in the project.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office.

Explain your determination:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes, the activities involved in the project have the potential to affect species and/or habitats. → *Continue to Question 2.*

2. Are federally listed species or designated critical habitats present in the action area?

Obtain a list of protected species from the Services. This information is available on the [FWS Website](#) or you may contact your [local FWS](#) and/or [NMFS](#) offices directly.

No, the project will have No Effect due to the absence of federally listed species and designated critical habitat.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation may include letters from the Services, species lists from the Services' websites, surveys or other documents and analysis showing that there are no species in the action area.*

Yes, there are federally listed species or designated critical habitats present in the action area. → *Continue to Question 3.*

3. What effects, if any, will your project have on federally listed species or designated critical habitat?

No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.*

May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.

→ *Continue to Question 4, Informal Consultation.*

Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.

→ *Continue to Question 5, Formal Consultation.*

4. Informal Consultation is required

Section 7 of ESA (16 USC. 1536) mandates consultation to resolve potential impacts to endangered and threatened species and critical habitats. If a HUD-assisted project may affect any federally listed endangered or threatened species or critical habitat, then compliance is required with Section 7. See 50 CFR Part 402 Subpart B Consultation Procedures.

Did the Service(s) concur with the finding that the project is Not Likely to Adversely Affect?

Yes, the Service(s) concurred with the finding.

→ *Based on the response, the review is in compliance with this section. Continue to Question 6 and provide the following:*

- (1) A biological evaluation or equivalent document*
- (2) Concurrence(s) from FWS and/or NMFS*
- (3) Any other documentation of informal consultation*

Exception: If finding was made based on procedures provided by a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office, provide whatever documentation is mandated by that agreement.

No, the Service(s) did not concur with the finding. → Continue to Question 5.

5. Formal consultation is required

Section 7 of ESA (16 USC 1536) mandates consultation to resolve potential impacts to federally listed endangered and threatened species and critical habitats. If a HUD assisted project may affect any endangered or threatened species or critical habitat, then compliance is required with Section 7. See 50 CFR Part 402 Subpart B Consultation Procedures.

→ Once consultation is complete, the review is in compliance with this section. Continue to Question 6 and provide the following:

- (1) A biological assessment, evaluation, or equivalent document
- (2) Biological opinion(s) issued by FWS and/or NMFS
- (3) Any other documentation of formal consultation

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the proposed measures that will be implemented to mitigate for the impact or effect, including the timeline for implementation.

Mitigation as follows will be implemented:

No mitigation is necessary.

Explain why mitigation will not be made here:

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve within the Etoile WSC Plant #3 in Nacogdoches County, TX. The project does not involve any land acquisition or changes in site footprints. The work will take place in the existing site footprint. The project will not involve any disturbance of previously undisturbed land and no “new construction”. There are no Critical Habitats in the area and the project will not result in any “TAKE” of threatened or endangered species habitats. No threatened or endangered species have been observed at these sites including the Least Tern, Piping Plover, Red Knot, Red-cockaded Woodpecker, or Neches River Rose-mallow. Since there will be no take of habitat the project should not impact Migratory Bird species including the Bald Eagle or Red-headed Woodpecker

See maps and data taken from <http://eco.fws.gov/ipac/>, <https://tpwd.gov/gis/rtest/>, www.ebird.org, along with endangered species memo signed by the County Judge.

Are formal compliance steps or mitigation required?

Yes

No



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Arlington Ecological Services Field Office

2005 Ne Green Oaks Blvd

Suite 140

Arlington, TX 76006-6247

Phone: (817) 277-1100 Fax: (817) 277-1129

<http://www.fws.gov/southwest/es/arlingontexas/>

<http://www.fws.gov/southwest/es/EndangeredSpecies/lists/>

In Reply Refer To:

April 11, 2020

Consultation Code: 02ETAR00-2020-SLI-1610

Event Code: 02ETAR00-2020-E-03333

Project Name: Nacogdoches Co 7219300 - Water - Etoile WSC Water Plant 3

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed, and candidate species, as well as proposed and final designated critical habitat, which may occur within the boundary of your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under section 7(a)(1) of the Act, Federal agencies are directed to utilize their authorities to carry out programs for the conservation of threatened and endangered species. Under and 7(a)(2) and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to determine whether their actions may affect threatened and endangered species and/or designated critical habitat. A Federal action is an activity or program authorized, funded, or carried out, in whole or in part, by a Federal agency (50 CFR 402.02).

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For Federal actions other than major construction activities, the Service suggests that a biological evaluation (similar to a Biological Assessment) be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

After evaluating the potential effects of a proposed action on federally listed species, one of the following determinations should be made by the Federal agency:

1. *No effect* - the appropriate determination when a project, as proposed, is anticipated to have no effects to listed species or critical habitat. A "no effect" determination does not require section 7 consultation and no coordination or contact with the Service is necessary. However, the action agency should maintain a complete record of their evaluation, including the steps leading to the determination of affect, the qualified personnel conducting the evaluation, habitat conditions, site photographs, and any other related information.
2. *May affect, but is not likely to adversely affect* - the appropriate determination when a proposed action's anticipated effects are insignificant, discountable, or completely beneficial. Insignificant effects relate to the size of the impact and should never reach the scale where "take" of a listed species occurs. Discountable effects are those extremely unlikely to occur. Based on best judgment, a person would not be able to meaningfully measure, detect, or evaluate insignificant effects, or expect discountable effects to occur. This determination requires written concurrence from the Service. A biological evaluation or other supporting information justifying this determination should be submitted with a request for written concurrence.
3. *May affect, is likely to adversely affect* - the appropriate determination if any adverse effect to listed species or critical habitat may occur as a direct or indirect result of the proposed action, and the effect is not discountable or insignificant. This determination requires formal section 7 consultation.

The Service recommends that candidate species, proposed species, and proposed critical habitat be addressed should consultation be necessary. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at: <http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy

guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

For additional information concerning migratory birds and eagle conservation plans, please contact the Service's Migratory Bird Office at 505-248-7882.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arlington Ecological Services Field Office

2005 Ne Green Oaks Blvd

Suite 140

Arlington, TX 76006-6247

(817) 277-1100

Project Summary

Consultation Code: 02ETAR00-2020-SLI-1610

Event Code: 02ETAR00-2020-E-03333

Project Name: Nacogdoches Co 7219300 - Water - Etoile WSC Water Plant 3

Project Type: ** OTHER **

Project Description: The proposed work will address the problems with disinfection and TTHM's through improvements at the site including a pH adjustment feed system to make the raw groundwater more treatable, construction of a new pressure filter with related valves, piping and backwash system, and installation of a new surge tank as a part of the filter system. This will involve sitework, concrete work, grading, installation of the aforementioned pH Dosing Feed System, Surge Tank, Filtration Pressure Vessel, Backwash System, and all related Filter Media, Piping, Valves, and Appurtenances.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/31.356267579147016N94.41629162600236W>



Counties: Nacogdoches, TX

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 3 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
<p>Least Tern <i>Sterna antillarum</i></p> <p>Population: interior pop. No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/8505</p>	Endangered
<p>Piping Plover <i>Charadrius melodus</i></p> <p>Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/6039</p>	Threatened
<p>Red Knot <i>Calidris canutus rufa</i></p> <p>No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ Wind Energy Projects <p>Species profile: https://ecos.fws.gov/ecp/species/1864</p>	Threatened
<p>Red-cockaded Woodpecker <i>Picoides borealis</i></p> <p>No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614</p>	Endangered

Flowering Plants

NAME	STATUS
<p>Neches River Rose-mallow <i>Hibiscus dasycalyx</i></p> <p>There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1441</p>	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

[Regulatory review](#) / Endangered species / Species determinations

Species determinations

For listed species¹ not covered by determination keys, an impact analysis should be performed to reach a conclusion about how this project will impact the species. These conclusions will result in *determinations* for each species, which will be used in consultation with the U.S. Fish and Wildlife Service.

Birds

Least Tern Sterna antillarum	None
---------------------------------	------

Piping Plover Charadrius melodus	None
-------------------------------------	------

Red Knot Calidris canutus rufa	None
-----------------------------------	------

Red-cockaded Woodpecker Picoides borealis	None
--	------

Flowering Plants

Neches River Rose-mallow Hibiscus dasycalyx	None
--	------

Critical habitats

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.

Regulatory review

The IPaC regulatory review process helps evaluate the potential impacts of your project on resources managed by the U.S. Fish and Wildlife Service. It walks through regulations covering each protected resource, and offers suggestions and assistance in designing your project.

Endangered species

Endangered species are protected under the Endangered Species Act¹.

5 endangered species are known to occur or may be affected by activities in this location.

- ✓ Request an official species list

An official species list was generated 16 minutes ago (4/11/2020, 9:27:11 AM).

- 2 Evaluate determination keys

There are no determination keys available in this project area.

- 3 **Make effect determinations**

For each listed species in the project area, a determination must be made regarding the potential effects of this project.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act³ and the Bald and Golden Eagle Protection Act⁴.

2 migratory birds of conservation concern are expected to occur or may be affected by activities in this location.

- ☎ Contact the local U.S. Fish and Wildlife Service field office

There is currently no regulatory review process in IPaC for migratory birds. Please contact the local U.S. Fish and Wildlife Service field office to evaluate effects and authorize take.



Facilities

U.S. Fish and Wildlife Service facilities are protected under the National Wildlife Refuge System Administration Act⁸ and the National Fish Hatchery System⁹.

THERE ARE NO U.S. FISH AND WILDLIFE SERVICE REFUGES OR FISH HATCHERIES AT THIS LOCATION.



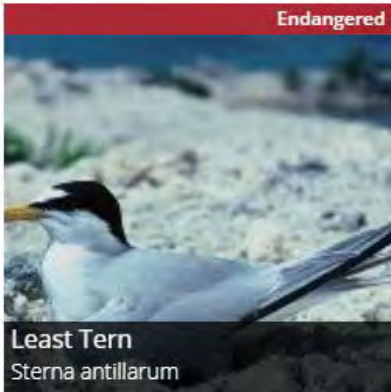
Wetlands

Wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act¹⁰, or other State/Federal statutes.

! Wetland information is not available at this time

1. The Endangered Species Act (ESA) of 1973.
2. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.
3. The Migratory Birds Treaty Act of 1918.
4. The Bald and Golden Eagle Protection Act of 1940.
5. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.
6. The National Wildlife Refuge System Administration Act of 1966.
7. The National Fish Hatchery System.
8. Section 404 of the Clean Water Act establishes a program to regulate the discharge of dredged and fill material into waters of the United States, including wetlands.

Endangered Species:



Least Tern

Sterna antillarum



This species only needs to be considered if the following condition applies:

- Wind Energy Projects

POPULATION	U.S.A. (AR, CO, IA, IL, IN, KS, KY, LA_Miss. R. and tribs. N of Baton Rouge, MS_Miss. R., MO, MT, ND, NE, NM, OK, SD, TN, TX_except within 50 miles of coast)
STATUS	Endangered; A species in danger of extinction throughout all or a significant portion of its range.
DESCRIPTION	Least terns are the smallest member of the gull and tern family. They are approximately 9" in length. Unlike gulls, terns will dive into the water for small fish. The body of least terns is predominately gray and white, with black streaking on the head. Least terns have a forked tail and narrow pointed wings. Least terns less than a year old have less distinctive black streaking on the head and less of a forked tail.
CRITICAL HABITAT	No critical habitat has been designated for this species.

For more information, visit the [ECOS species profile](#)

Piping Plover

Charadrius melodus



This species only needs to be considered if the following condition applies:

- Wind Energy Projects

POPULATION	[Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered.
STATUS	Threatened; A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.
DESCRIPTION	Size: 18 cm (7.25 in) in length. Color; Breeding season: Pale brown above, lighter below; black band across forehead; bill orange with black tip; legs orange; white rump. Male: Complete or incomplete black band encircles the body at the breast. Female: Paler head band; incomplete breast band. Winter coloration: Bill black; all birds lack breast band and head band.
CRITICAL HABITAT	There is final critical habitat for this species (published in the Federal Register on May 19, 2009). Your location is outside the critical habitat.

For more information, visit the [ECOS species profile](#)

Red Knot

Calidris canutus rufa



This species only needs to be considered if the following condition applies:

- Wind Energy Projects

STATUS

Threatened; A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.

DESCRIPTION

Length: 25-28 cm. Adults in spring: Above finely mottled with grays, black and light ochre, running into stripes on crown; throat, breast and sides of head cinnamon-brown; dark gray line through eye; abdomen and undertail coverts white; uppertail coverts white, barred with black. Adults in winter: Pale ashy gray above, from crown to rump, with feathers on back narrowly edged with white; underparts white, the breast lightly streaked and speckled, and the flanks narrowly barred with gray. Adults in autumn: Underparts of some individuals show traces of the "red" of spring.

CRITICAL HABITAT No critical habitat has been designated for this species.

For more information, visit the [ECOS species profile](#)

Red-cockaded Woodpecker

Picoides borealis



STATUS

Endangered; A species in danger of extinction throughout all or a significant portion of its range.

DESCRIPTION

22 cm. Rather small black-and-white woodpecker with longish bill. Above black barred white. Below white with black spots on flanks. Black crown, nape and moustachial stripe border white cheeks and side of neck. Male has small red mark on the side of nape. Juvenile browner with variable extent of red on crown.

CRITICAL HABITAT

No critical habitat has been designated for this species.

For more information, visit the [ECOS species profile](#)

Neches River Rose-mallow



Hibiscus dasycalyx

STATUS Threatened; A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.

CRITICAL HABITAT There is **final** critical habitat for this species (published in the Federal Register on [September 11, 2013](#)). Your location is outside the critical habitat.

For more information, visit the [ECOS species profile](#)

Migratory Birds

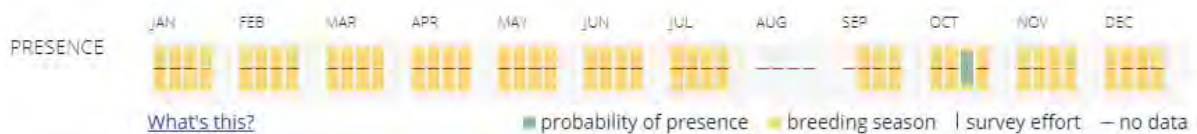


Bald Eagle

Haliaeetus leucocephalus



LEVEL OF CONCERN This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.



DESCRIPTION A large raptor, the bald eagle has a wingspread of about 7 feet. Adults have a dark brown body and wings, white head and tail, and a yellow beak. Juveniles are mostly brown with white mottling on the body, tail, and undersides of wings. Adult plumage usually is obtained by the 6th year. In flight, the Bald Eagle often soars or glides with the wings held at a right angle to the body. As in most other raptors, females are larger than males; sexes otherwise similar in appearance.

References for Species Profile

- Anthony, R. G., R. L. Knight, G. T. Allen, B. R. McClelland, and J. L. Hodges. 1982. Habitat use by nesting and roosting Bald Eagles in the Pacific Northwest. *Trans. N.A. Wildl. Nat. Resour. Conf.* 47:332-342.
- Broley, C. L. 1947. Migration and nesting of Florida Bald Eagles. *Wilson Bull.* 59:1-68.
- Buehler, D. A., T. J. Mersmann, J. D. Fraser, and J. K. D. Seegar. 1991. Nonbreeding Bald Eagle communal and solitary roosting behavior and habitat use on the northern Chesapeake Bay. *J. Wildl. Manage.* 55:273-281.
- Buehler, David A. 2000. Bald Eagle (*Haliaeetus leucocephalus*), *The Birds of North America Online* (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/506>
- Chester, D. N., D. F. Stauffer, T. J. Smith, D. R. Luukkonen, and J. D. Fraser. 1990. Habitat use by nonbreeding Bald Eagles in North Carolina. *J. Wildl. Manage.* 54:223-234.
- Cornell Lab of Ornithology. 2015. Bald Eagle. *All About Birds*. http://www.allaboutbirds.org/guide/Bald_Eagle/id

For more information, visit the [ECOS species profile](#)

Red-headed Woodpecker

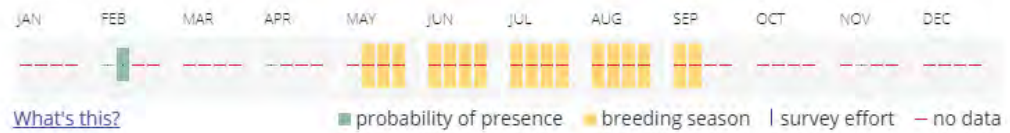
Melanerpes erythrocephalus



LEVEL OF CONCERN

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

PRESENCE



Red-headed Woodpecker



Year-Round, All Years

Etoile, TX, USA



There have been no reported Red-headed Woodpecker sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches Co.

The map displays a satellite view of a rural area in Etoile, Texas. Key features include:

- Roads:** State Routes 474, 475, 476, and 226 are visible.
- Creeks:** Rush Creek and Beech Creek are labeled.
- Landmarks:** Blue Spring Cemetery and Blue Spring are marked.
- Marker:** A red location pin is placed on a road, labeled "Etoile WSC Plant #3".
- Map Controls:**
 - Zoom Tool
 - Full Species Range
 - Terrain, Street, Satellite, Hybrid (style selection)
 - Explore Rich Media (filter for photos, audio, or video)
 - Show Points Sooner (filter for broader scales)
 - RECENT: Birding Hotspot, Personal Location
 - OLDER (30+ days): Birding Hotspot, Personal Location
- Google Logo:** Located in the bottom left corner.
- TIP:** "Click points to see sightings and checklists at that location." (bottom center)
- Map Data:** "Map data ©2020 Imagery ©2020 Maxar Technologies USA Farm Service Agency" (bottom right)

Red-cockaded Woodpecker

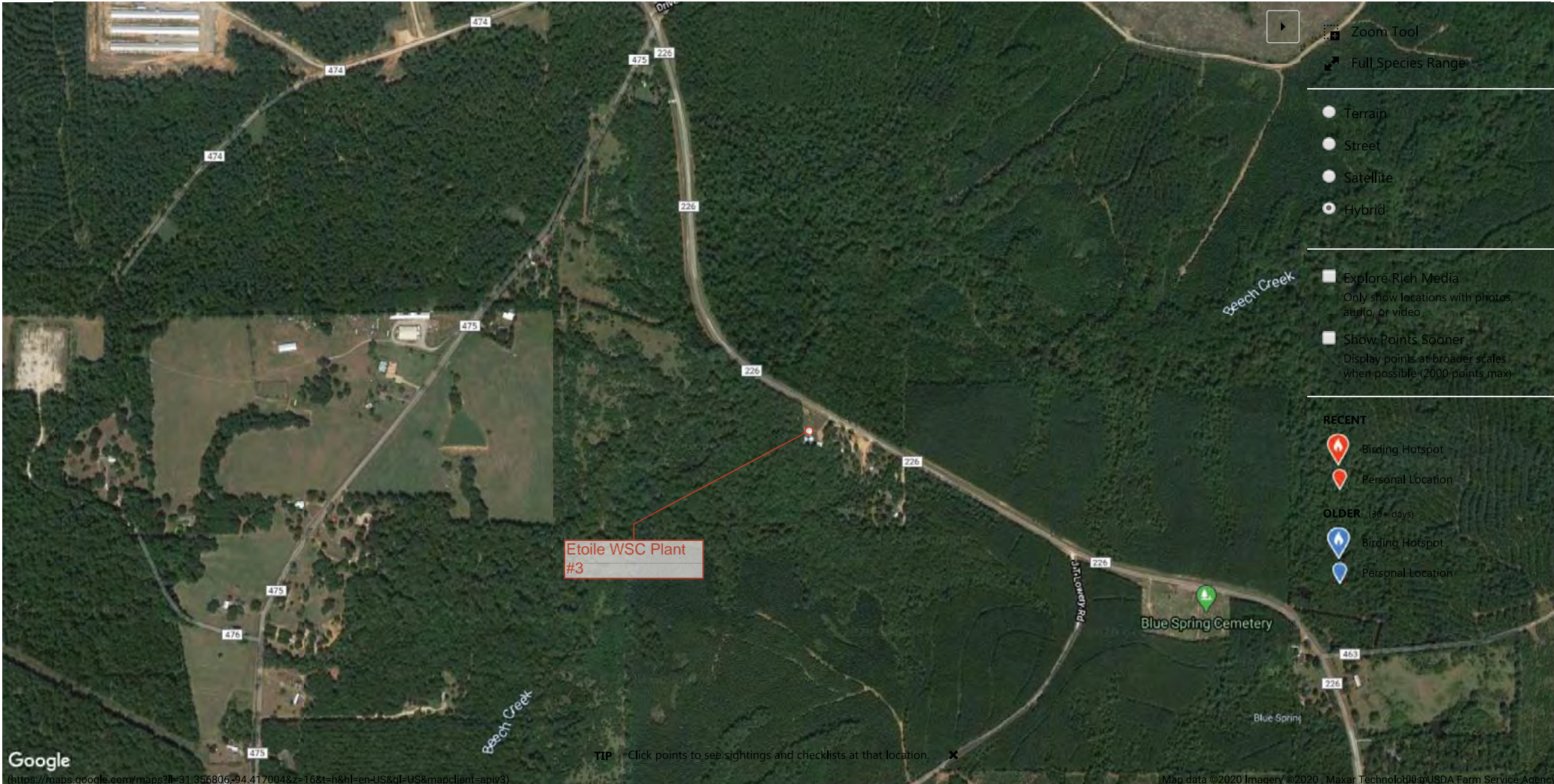


Year-Round, All Years

Etoile, TX, USA



There have been no reported Red-cockaded Woodpecker sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches County.

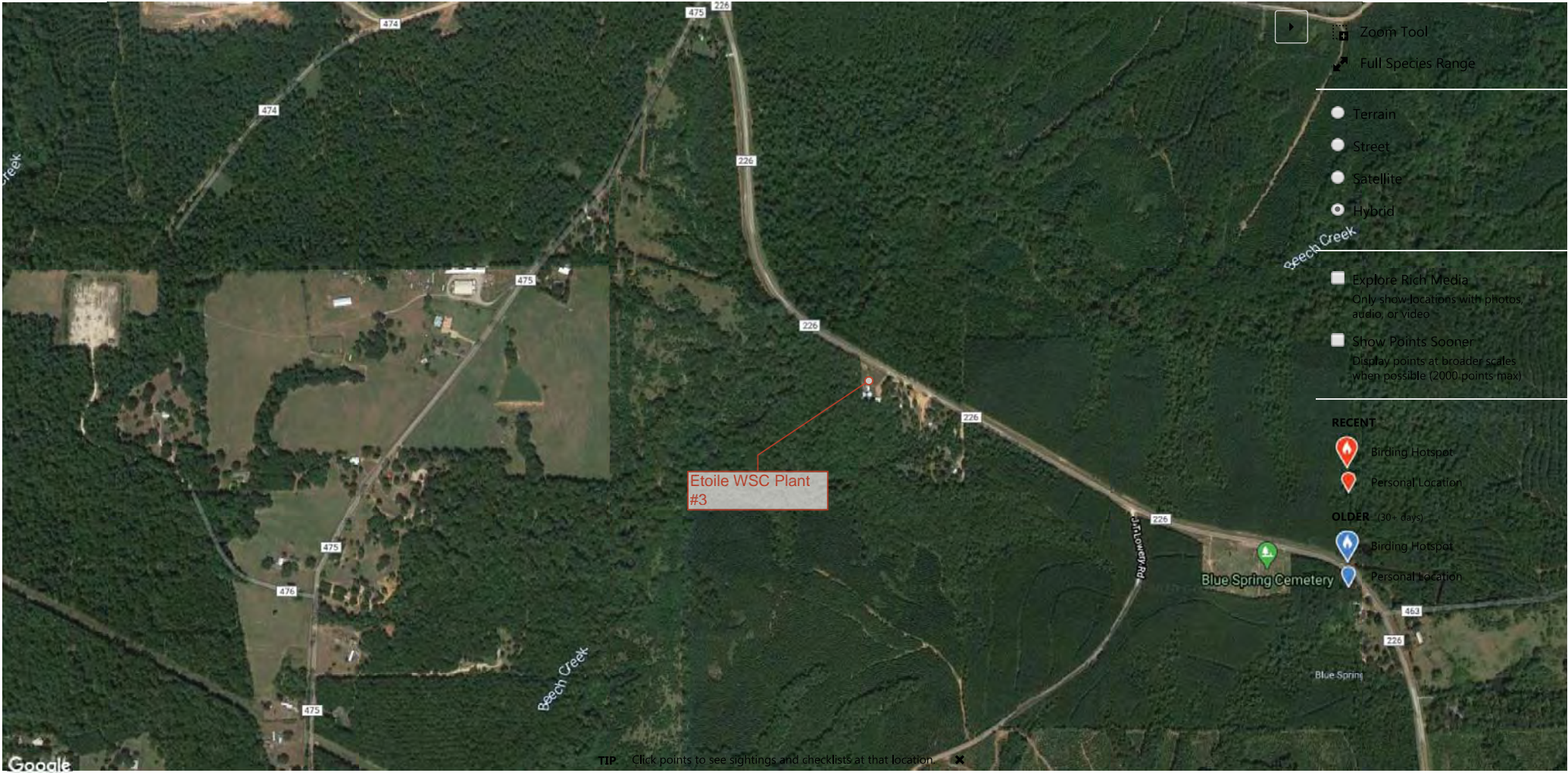


Q Red Knot x ...

Year-Round, All Years v

Q Etoile, TX, USA x

There have been no reported Red Knot sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches County



(https://maps.google.com/maps?ll=31.355927,-94.418163&z=16&t=h&hl=en-US&gl=US&mapclient=apiv3)

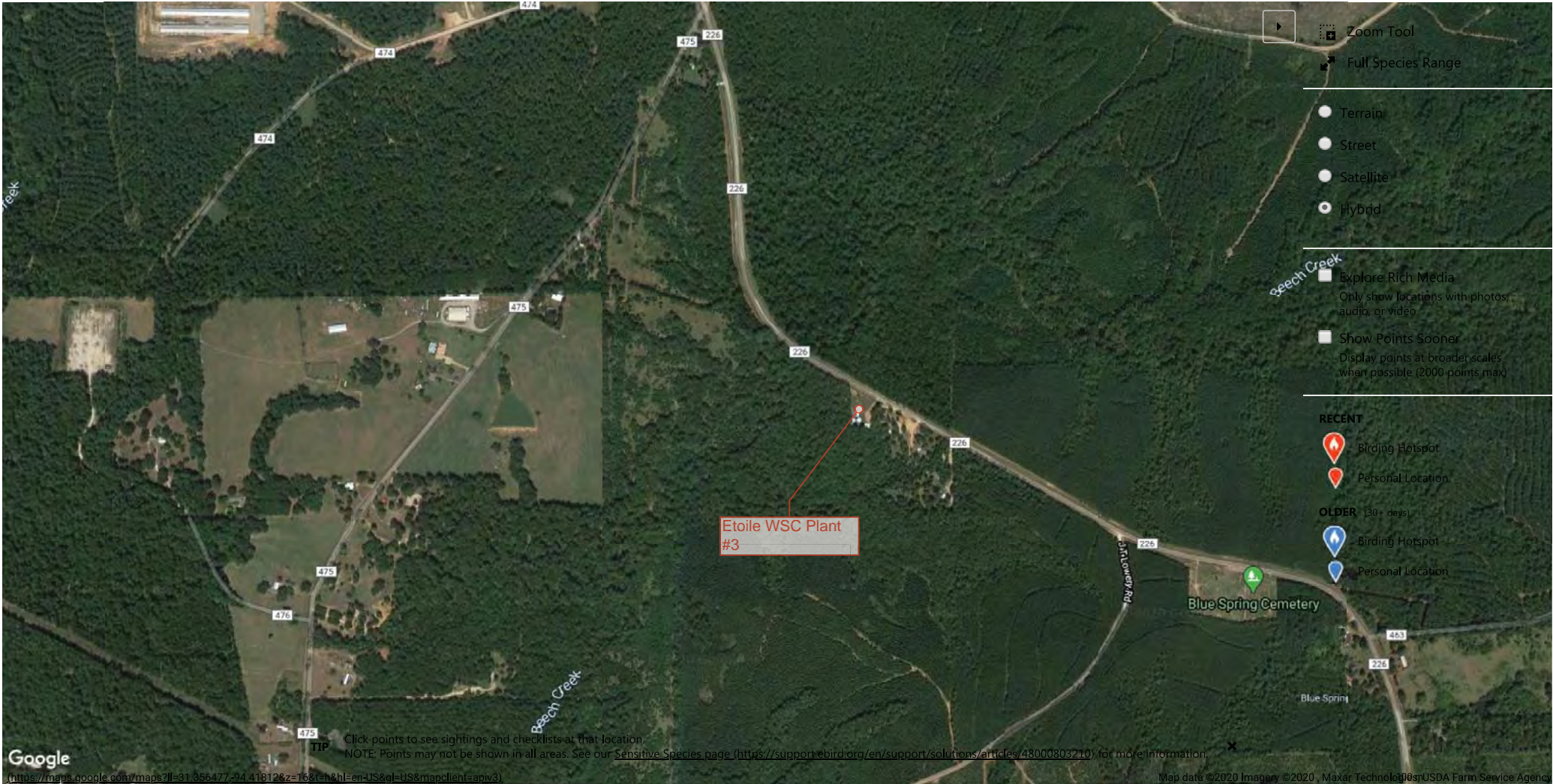
Map data ©2020 Imagery ©2020, Maxar Technologies, USDA Farm Service Agency

Q Piping Plover

Year-Round, All Years

Q Etoile, TX, USA

There have been no reported Piping Plover sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches County

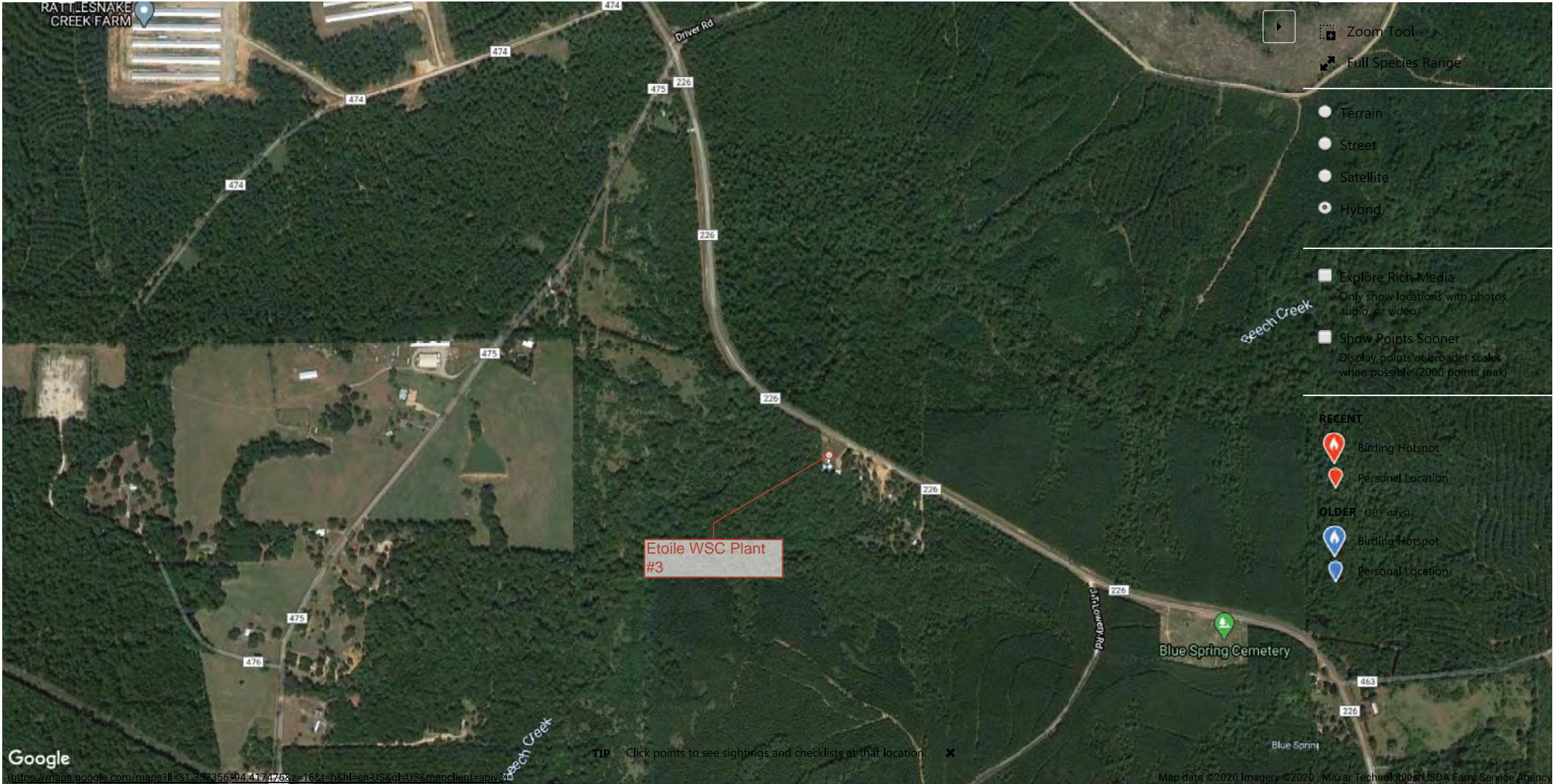


Least Tern

Year-Round, All Years

Etoile, TX, USA

There have been no reported Least Tern sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches County

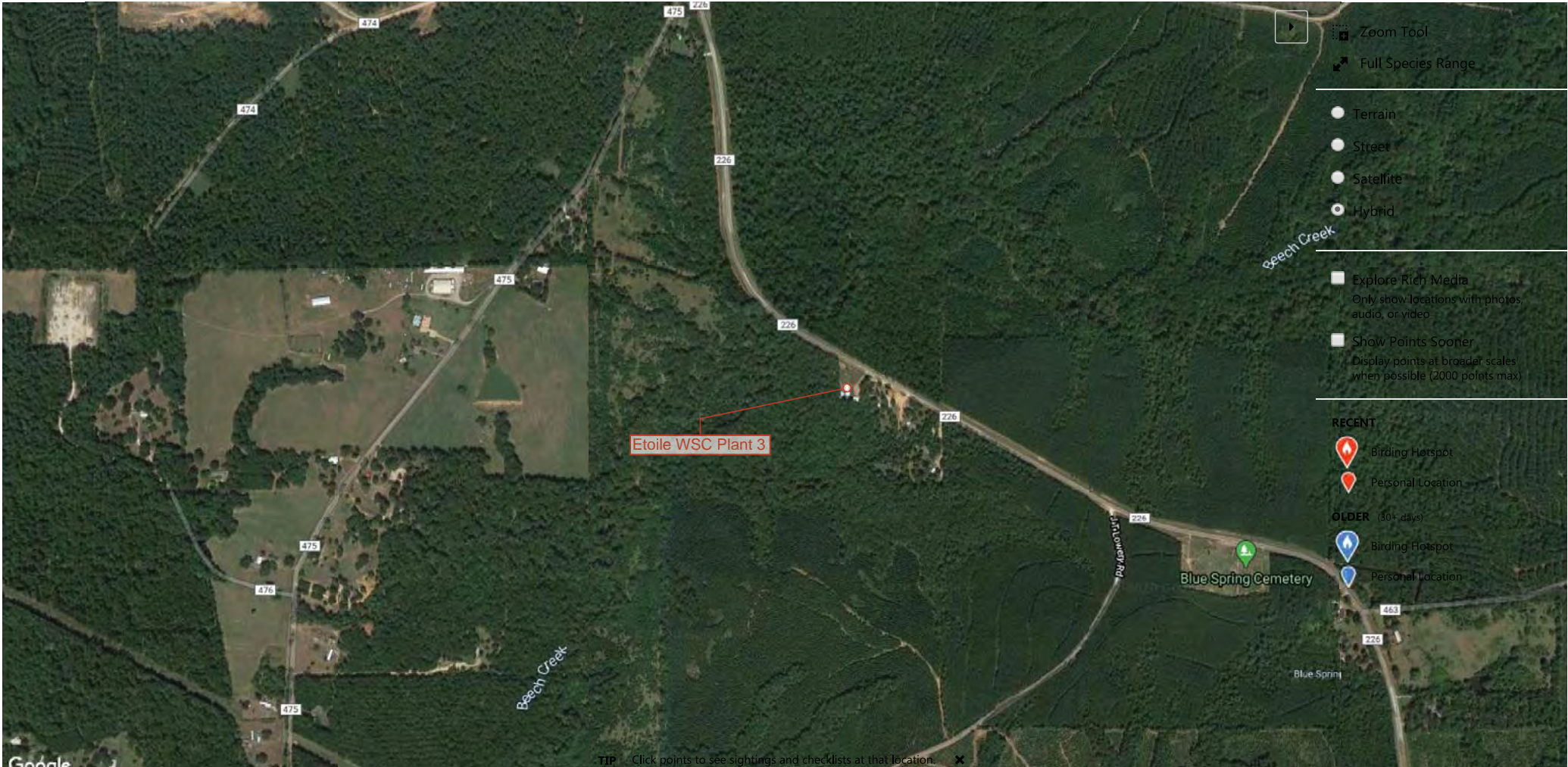


Q Bald Eagle x ...

Year-Round, All Years v

Q Etoile, TX, USA x

There have been reported Bald Eagle sightings in the vicinity of the Etoile WSC Plant #3 - Nacogdoches Co.



(<https://maps.google.com/maps?ll=31.355918,-94.417682&z=16&t=h&hl=en-US&gl=US&mapclient=apiv3>)

Map data ©2020 Imagery ©2020, Maxar Technologies, USDA Farm Service Agency

Last Update: 3/4/2020

NACOGDOCHES COUNTY

AMPHIBIANS

southern crawfish frog *Lithobates areolatus areolatus*

Terrestrial and aquatic: The terrestrial habitat is primarily grassland and can vary from pasture to intact prairie; it can also include small prairies in the middle of large forested areas. Aquatic habitat is any body of water but preferred habitat is ephemeral wetlands.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4T4 State Rank: S3

southern dusky salamander *Desmognathus conanti*

Aquatic and terrestrial: The vegetated riparian and aquatic zones of spring-fed, sandy bottom streams and baygalls in forested areas. Eggs are laid on land under rocks and logs close to the stream edge.

Federal Status: State Status: SGCN: N
Endemic: Global Rank: G5 State Rank: S1

Strecker's chorus frog *Pseudacris streckeri*

Terrestrial and aquatic: Wooded floodplains and flats, prairies, cultivated fields and marshes. Likes sandy substrates.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S3

Woodhouse's toad *Anaxyrus woodhousii*

Terrestrial and aquatic: A wide variety of terrestrial habitats are used by this species, including forests, grasslands, and barrier island sand dunes. Aquatic habitats are equally varied.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: SU

BIRDS

Bachman's sparrow *Peucaea aestivalis*

Open pine woods with scattered bushes and grassy understory in Pineywoods region, brushy or overgrown grassy hillsides, overgrown fields with thickets and brambles, grassy orchards; remnant grasslands in Post Oak Savannah region; nests on ground against grass tuft or under low shrub

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G3 State Rank: S3B

bald eagle *Haliaeetus leucocephalus*

Found primarily near rivers and large lakes; nests in tall trees or on cliffs near water; communally roosts, especially in winter; hunts live prey, scavenges, and pirates food from other birds

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S3B,S3N

DISCLAIMER

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NACOGDOCHES COUNTY

BIRDS

Franklin's gull *Leucophaeus pipixcan*

This species is only a spring and fall migrant throughout Texas. It does not breed in or near Texas. Winter records are unusual consisting of one or a few individuals at a given site (especially along the Gulf coastline). During migration, these gulls fly during daylight hours but often come down to wetlands, lake shore, or islands to roost for the night.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2N

interior least tern *Sternula antillarum athalassos*

Sand beaches, flats, bays, inlets, lagoons, islands. Subspecies is listed only when inland (more than 50 miles from a coastline); nests along sand and gravel bars within braided streams, rivers; also know to nest on man-made structures (inland beaches, wastewater treatment plants, gravel mines, etc); eats small fish and crustaceans, when breeding forages within a few hundred feet of colony

Federal Status: LE State Status: E SGCN: Y
Endemic: N Global Rank: G4T3Q State Rank: S1B

piping plover *Charadrius melodus*

Beaches, sandflats, and dunes along Gulf Coast beaches and adjacent offshore islands. Also spoil islands in the Intracoastal Waterway. Based on the November 30, 1992 Section 6 Job No. 9.1, Piping Plover and Snowy Plover Winter Habitat Status Survey, algal flats appear to be the highest quality habitat. Some of the most important aspects of algal flats are their relative inaccessibility and their continuous availability throughout all tidal conditions. Sand flats often appear to be preferred over algal flats when both are available, but large portions of sand flats along the Texas coast are available only during low-very low tides and are often completely unavailable during extreme high tides or strong north winds. Beaches appear to serve as a secondary habitat to the flats associated with the primary bays, lagoons, and inter-island passes. Beaches are rarely used on the southern Texas coast, where bayside habitat is always available, and are abandoned as bayside habitats become available on the central and northern coast. However, beaches are probably a vital habitat along the central and northern coast (i.e. north of Padre Island) during periods of extreme high tides that cover the flats. Optimal site characteristics appear to be large in area, sparsely vegetated, continuously available or in close proximity to secondary habitat, and with limited human disturbance.

Federal Status: LT State Status: T SGCN: Y
Endemic: N Global Rank: G3 State Rank: S2N

red-cockaded woodpecker *Picoides borealis*

Cavity nests in older pine (60+ years); forages in younger pine (30+ years); prefers longleaf, shortleaf, and loblolly

Federal Status: LE State Status: E SGCN: Y
Endemic: N Global Rank: G3 State Rank: S2B

swallow-tailed kite *Elanoides forficatus*

Lowland forested regions, especially swampy areas, ranging into open woodland; marshes, along rivers, lakes, and ponds; nests high in tall tree in clearing or on forest woodland edge, usually in pine, cypress, or various deciduous trees

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2B

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NACOGDOCHES COUNTY

BIRDS

white-faced ibis *Plegadis chihi*

Prefers freshwater marshes, sloughs, and irrigated rice fields, but will attend brackish and saltwater habitats; currently confined to near-coastal rookeries in so-called hog-wallow prairies. Nests in marshes, in low trees, on the ground in bulrushes or reeds, or on floating mats.

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S4B

wood stork *Mycteria americana*

Prefers to nest in large tracts of baldcypress (*Taxodium distichum*) or red mangrove (*Rhizophora mangle*); forages in prairie ponds, flooded pastures or fields, ditches, and other shallow standing water, including salt-water; usually roosts communally in tall snags, sometimes in association with other wading birds (i.e. active heronries); breeds in Mexico and birds move into Gulf States in search of mud flats and other wetlands, even those associated with forested areas; formerly nested in Texas, but no breeding records since 1960

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G4 State Rank: SHB,S2N

CRUSTACEANS

blackbelted crayfish *Procambarus nigrocinctus*

It occurs in moderately flowing small creeks. Found among rocks and accumulated debris.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1G2 State Rank: S1

Neches crayfish *Procambarus nechesae*

Simple burrows in temporary or semi permanent pools in roadside ditches

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G2 State Rank: S1S2

FISH

blackspot shiner *Notropis atrocaudalis*

Occurs from the lower Brazos River to the Sabine River drainage; Red River drainage. Small to moderate size tributary streams in runs and pools over all types of substrates.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S3

river darter *Percina shumardi*

In Texas limited to eastern streams including Red southward to the Neches, and a disjunct population in the Guadalupe and San Antonio river systems east of the Balcones Escarpment. Confined to large rivers and lower parts of major tributaries; almost invariably found in deep chutes and riffles where current is swift and bottom composed of coarse gravel or rock.

Federal Status: State Status: SGCN: N
Endemic: Global Rank: G5 State Rank: S4

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NACOGDOCHES COUNTY

FISH

Sabine shiner *Notropis sabiniae*

Inhabits small streams and large rivers of eastern Texas from San Jacinto drainage northward along the Gulf Coast to the Sabine River Basin; Habitat generalist with affinities for shallow, moving water and rarely found in pools and backwater areas;
 closely restricted to substrate of fine, silt free sand in small creeks and rivers having slight to moderate current.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S3

western creek chubsucker *Erimyzon claviformis*

Eastern Texas streams from the Red River to the San Jacinto drainage. Habitat includes silt-, sand-, and gravel-bottomed pools of clear headwaters, creeks, and small rivers; often near vegetation; occasionally in lakes. Spawning occurs in river mouths or pools, riffles, lake outlets, or upstream creeks. Prefers headwaters, but seldom occurs in springs.

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2S3

INSECTS

American bumblebee *Bombus pensylvanicus*

Habitat description is not available at this time.

Federal Status: State Status: SGCN: Y
Endemic: Global Rank: G3G4 State Rank: SNR

MAMMALS

big brown bat *Eptesicus fuscus*

Any wooded areas or woodlands except south Texas. Riparian areas in west Texas.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S5

eastern red bat *Lasiurus borealis*

Found in a variety of habitats in Texas. Usually associated with wooded areas. Found in towns especially during migration.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3G4 State Rank: S4

eastern spotted skunk *Spilogale putorius*

Generalist; open fields prairies, croplands, fence rows, farmyards, forest edges & woodlands. Prefer wooded, brushy areas & tallgrass prairies. S.p. ssp. interrupta found in wooded areas and tallgrass prairies, preferring rocky canyons and outcrops when such sites are available.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S1S3

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NACOGDOCHES COUNTY

MAMMALS

hoary bat

Lasiurus cinereus

Known from montane and riparian woodland in Trans-Pecos, forests and woods in east and central Texas.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3G4 State Rank: S4

long-tailed weasel

Mustela frenata

Includes brushlands, fence rows, upland woods and bottomland hardwoods, forest edges & rocky desert scrub. Usually live close to water.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S5

Louisiana black bear

Ursus americanus luteolus

Bottomland hardwoods, floodplain forests, upland hardwoods with mixed pine; marsh. Possible as transient; bottomland hardwoods and large tracts of inaccessible forested areas.

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G5T2 State Rank: SNA

Mexican free-tailed bat

Tadarida brasiliensis

Roosts in buildings in east Texas. Largest maternity roosts are in limestone caves on the Edwards Plateau. Found in all habitats, forest to desert.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S5

mink

Neovison vison

Intimately associated with water; coastal swamps & marshes, wooded riparian zones, edges of lakes. Prefer floodplains.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S4

mountain lion

Puma concolor

Generalist; found in a wide range of habitats statewide. Found most frequently in rugged mountains & riparian zones.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S2S3

plains spotted skunk

Spilogale putorius interrupta

Generalist; open fields, prairies, croplands, fence rows, farmyards, forest edges, and woodlands; prefers wooded, brushy areas and tallgrass prairie

Federal Status: State Status: SGCN: N
Endemic: N Global Rank: G4T4 State Rank: S1S3

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NACOGDOCHES COUNTY

MAMMALS

Rafinesque's big-eared bat *Corynorhinus rafinesquii*

Historically, lowland pine and hardwood forests with large hollow trees. roosts in cavity trees of bottomland hardwoods, concrete culverts, and abandoned man-made structures

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G3G4 State Rank: S2

southeastern myotis bat *Myotis austroriparius*

Caves are rare in Texas portion of range; buildings, hollow trees are probably important. Historically, lowland pine and hardwood forests with large hollow trees; associated with ecological communities near water. Roosts in cavity trees of bottomland hardwoods, concrete culverts, and abandoned man-made structures.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G4 State Rank: S3

southern short-tailed shrew *Blarina carolinensis*

Found in East Texas pine forests and agricultural land. May favor areas with abundant leaf litter and fallen logs (Baumgardner et al. 1992). Nest sites are probably under logs, stumps and other debris.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S4

swamp rabbit *Sylvilagus aquaticus*

Primarily found in lowland areas near water including: cypress bogs and marshes, floodplains, creeks and rivers.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S5

tricolored bat *Perimyotis subflavus*

Forest, woodland and riparian areas are important. Caves are very important to this species.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G2G3 State Rank: S3S4

woodland vole *Microtus pinetorum*

Include grassy marshes, swamp edges, old-field/pine woodland ecotones, tallgrass fields; generally sandy soils.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G5 State Rank: S3

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NACOGDOCHES COUNTY

MOLLUSKS

Louisiana pigtoe *Pleurobema riddellii*

Occurs in small streams to large rivers in slow to moderate currents in substrates of clay, mud, sand, and gravel. Not known from impoundments (Howells 2010f; Randklev et al. 2013b; Troia et al. 2015). [Mussels of Texas 2019]

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G1G2 State Rank: S1

sandbank pocketbook *Lampsilis satura*

Occurs in small streams to large rivers in slow to moderate current in sandy mud to sand and gravel substrate. Can occur in a variety of habitats but most common in littoral habitats such as banks or backwaters or in protected areas along point bars (Randklev et al. 2013b; Randklev et al. 2014a; Troia et al. 2015). [Mussels of Texas 2019]

Federal Status: State Status: T SGCN: Y
Endemic: Global Rank: G2? State Rank: S1

southern hickorynut *Obovaria arkansasensis*

Clay, sand, and medium sized gravel substrates with low to moderate current; Neches, Sabine, and Cypress river basins

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: GNR State Rank: S1

Texas heelsplitter *Potamilus amphichaenus*

Occurs in small streams to large rivers in standing to slow-flowing water; most common in banks, backwaters and quiet pools; adapts to some reservoirs. Often found in soft substrates such as mud, silt or sand (Howells et al. 1996; Randklev et al. 2017a). [Mussels of Texas 2019]

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G1G3 State Rank: S1

Texas pigtoe *Fusconaia askewi*

Occurs in small streams to large rivers, usually in water with at least some current; not known from reservoirs. Found in a variety of habitats but most common in riffles. Inhabits various substrates though most often sand, gravel, and cobble (Howells 2010a; Randklev et al. 2013b; Randklev et al. 2014a; Troia et al 2015).[Mussel of Texas 2019]

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G2? State Rank: S2S3

REPTILES

alligator snapping turtle *Macrochelys temminckii*

Aquatic: Perennial water bodies; rivers, canals, lakes, and oxbows; also swamps, bayous, and ponds near running water; sometimes enters brackish coastal waters. Females emerge to lay eggs close to the waters edge.

Federal Status: State Status: T SGCN: Y
Endemic: N Global Rank: G3G4 State Rank: S2

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NACOGDOCHES COUNTY

REPTILES

American alligator

Alligator mississippiensis

Aquatic: Coastal marshes; inland natural rivers, swamps and marshes; manmade impoundments.

Federal Status:	State Status:	SGCN: N
Endemic: N	Global Rank: G5	State Rank: S4

eastern box turtle

Terrapene carolina

Terrestrial: Eastern box turtles inhabit forests, fields, forest-brush, and forest-field ecotones. In some areas they move seasonally from fields in spring to forest in summer. They commonly enters pools of shallow water in summer. For shelter, they burrow into loose soil, debris, mud, old stump holes, or under leaf litter. They can successfully hibernate in sites that may experience subfreezing temperatures.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S3

Louisiana pine snake

Pituophis ruthveni

Terrestrial: Deep sandy soils with large stands of well-managed long leaf pine woodlands.

Federal Status: LT	State Status: T	SGCN: Y
Endemic: N	Global Rank: G1G2	State Rank: S1

slender glass lizard

Ophisaurus attenuatus

Terrestrial: Habitats include open grassland, prairie, woodland edge, open woodland, oak savannas, longleaf pine flatwoods, scrubby areas, fallow fields, and areas near streams and ponds, often in habitats with sandy soil.

Federal Status:	State Status:	SGCN: Y
Endemic: N	Global Rank: G5	State Rank: S3

Texas horned lizard

Phrynosoma cornutum

Terrestrial: Open habitats with sparse vegetation, including grass, prairie, cactus, scattered brush or scrubby trees; soil may vary in texture from sandy to rocky; burrows into soil, enters rodent burrows, or hides under rock when inactive. Occurs to 6000 feet, but largely limited below the pinyon-juniper zone on mountains in the Big Bend area.

Federal Status:	State Status: T	SGCN: Y
Endemic: N	Global Rank: G4G5	State Rank: S3

timber (canebrake) rattlesnake

Crotalus horridus

Terrestrial: Swamps, floodplains, upland pine and deciduous woodland, riparian zones, abandoned farmland. Limestone bluffs, sandy soil or black clay. Prefers dense ground cover, i.e. grapevines, palmetto.

Federal Status:	State Status: T	SGCN: Y
Endemic: N	Global Rank: G4	State Rank: S4

western box turtle

Terrapene ornata

Terrestrial: Ornate or western box turtles inhabit prairie grassland, pasture, fields, sandhills, and open woodland. They are essentially terrestrial but sometimes enter slow, shallow streams and creek pools. For shelter, they burrow into soil (e.g., under plants such as yucca) (Converse et al. 2002) or enter burrows made by other species.

Federal Status:	State Status:	SGCN: Y
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NACOGDOCHES COUNTY

REPTILES

Endemic: N Global Rank: G5 State Rank: S3

western hognose snake *Heterodon nasicus*

Terrestrial: Shortgrass or mixed grass prairie, with gravel or sandy soils. Often found associated with draws, floodplains, and more mesic habitats within the arid landscape. Frequently occurs in shrub encroached grasslands.

Federal Status: State Status: SGCN: Y

Endemic: N Global Rank: G5 State Rank: S4

PLANTS

barbed rattlesnake-root *Prenanthes barbata*

In east Texas occurs on calciphilic hardwood terraces above floodplains, and seepage slopes, often in the company of a comparatively rich herbaceous flora; elsewhere found on prairies, barrens, and open woodlands; in calcareous substrates and in sand over clay on the Weches, Fleming, and Lissie formations; flowering August-November

Federal Status: State Status: SGCN: Y

Endemic: N Global Rank: G3 State Rank: S3

bristle nailwort *Paronychia setacea*

Flowering vascular plant endemic to eastern southcentral Texas, occurring in sandy soils

Federal Status: State Status: SGCN: Y

Endemic: Y Global Rank: G3 State Rank: S2

clasping twistflower *Streptanthus maculatus ssp. maculatus*

Primarily on seasonally moist barrens on the Weches Formation but has been found elsewhere as well (Carr 2015)

Federal Status: State Status: SGCN: Y

Endemic: N Global Rank: G3T2T3Q State Rank: S2

goldenwave tickseed *Coreopsis intermedia*

In deep sandy soils of sandhills in openings in or along margins of post oak woodlands and pine-oak forests of east Texas; Perennial; Flowering/Fruiting May-Aug

Federal Status: State Status: SGCN: Y

Endemic: N Global Rank: G3 State Rank: S3

Mohlenbrock's sedge *Cyperus grayioides*

Deep sand and sandy loam in dry, almost barren openings in upland longleaf pine savannas, mixed pine-oak forests, and post oak woodlands; Occurs primarily in deep, periodically disturbed sandy soils in open areas maintained by factors such as wind, erosion, or fire. This species does not occur in shaded areas or in areas of high competition with other herbaceous species. Habitats include remnant sand prairies, sandy fields, sand blow outs, sandhill woodlands, pine barrens, and open barrens in which the slope is sufficient to produce sand erosion. May also occur in areas where the soils have been disturbed by logging or road construction; Perennial

Federal Status: State Status: SGCN: Y

Endemic: N Global Rank: G3G4 State Rank: S3S4

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NACOGDOCHES COUNTY

PLANTS

Neches River rose-mallow *Hibiscus dasycalyx*

Open marshy habitats in seasonally wet alluvial soils, most often near standing rather than flowing water; flowering June-August

Federal Status: LT State Status: T SGCN: Y
Endemic: Y Global Rank: G1 State Rank: S1

Nixon's dwarf hawthorn *Crataegus nananixonii*

Found in open upland post oak-bluejack oak, scrubby woodland, or shortleaf pine-oak woodland on the Carrizo Sands and other formations.

Federal Status: State Status: SGCN: Y
Endemic: Y Global Rank: G1 State Rank: S1

Oklahoma grass pink *Calopogon oklahomensis*

Mesic, acidic, sandy to loamy prairies, pine savannas, oak woodlands, edges of bogs, and frequently mowed meadows (Goldman, Magrath & Catling 2002). Flowering March-July.

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3 State Rank: S1S2

panicled indigobush *Amorpha paniculata*

A stout shrub, 3 m (9 ft) tall that grows in acid seep forests, peat bogs, wet floodplain forests, and seasonal wetlands on the edge of Saline Prairies in East Texas. It is distinguished from other *Amorpha* species by its fuzzy leaflets with prominent raised veins underneath, and the flower panicles, which are 8 to 16 inches long and slender, held above the foliage. Perennial; Flowering summer

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G2G3 State Rank: S2

Southern lady's-slipper *Cypripedium kentuckiense*

Primarily restricted to calciphilic hardwood slope forests, mesic ravines, hardwood terraces above floodplains, and seepage slopes; flowering late March-May

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3 State Rank: S1

Soxman's milkvetch *Astragalus soxmaniorum*

Primarily in deep sandy soils of sandhills, fallow fields, and open scrub oak-pine woodlands; Perennial; Flowering March-June; Fruiting April-June

Federal Status: State Status: SGCN: Y
Endemic: N Global Rank: G3 State Rank: S3

Texas golden gladeceess *Leavenworthia texana*

Edaphically influenced herbaceous communities on shallow calcareous soils in vernal moist to wet glades on glauconite or ironstone outcrops of the Weches Formation; flowering or fruiting late February to April or May

Federal Status: LE State Status: E SGCN: Y
Endemic: Y Global Rank: G1 State Rank: S1

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NACOGDOCHES COUNTY

PLANTS

Texas screwstem

Bartonia paniculata ssp. texana

In and around acid seeps in Pine-Oak forests on gentle slopes and baygall shrub thickets at spring heads; often on clumps of bryophytes at tree bases, on roots, and on logs; flowering September-November, can be identified in mid to late October when its in fruit

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G2G3

State Rank: S2S3

Texas trillium

Trillium texanum

In or along the margins of hardwood forests on wet acid soils of bottoms and lower slopes, strongly associated with forested seeps and baygalls; flowering March-May

Federal Status:

State Status:

SGCN: Y

Endemic: N

Global Rank: G2

State Rank: S3

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Explosive and Flammable Hazards (CEST and EA)

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C
Reference		
https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities		

1. Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

No

→ Continue to Question 2.

Yes

Explain:

→ Go directly to Question 5.

2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

No

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

Yes

→ Continue to Question 3.

3. Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are **NOT covered under the regulation include:**

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 or later version of National Fire Protection Association (NFPA) Code 58.

If all containers within the search area fit the above criteria, answer “no.” For any other type of aboveground storage container within the search area that holds one of the

flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer “yes.”

No

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.*

Yes

→ *Continue to Question 4.*

4. Visit HUD’s website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the [electronic assessment tool](#). To document this step in the analysis, please attach the following supporting documents to this screen:

- **Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and**
- **Electronic assessment tool calculation of the required separation distance.**

Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?

Yes

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

No

→ *Go directly to Question 6.*

5. Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*

No

→ *Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations. Continue to Question 6.*

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Mitigation measures may include both natural and manmade barriers, modification of the project design, burial or removal of the hazard, or other engineered solutions. Describe selected mitigation measures, including the timeline for implementation, and attach an implementation plan. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

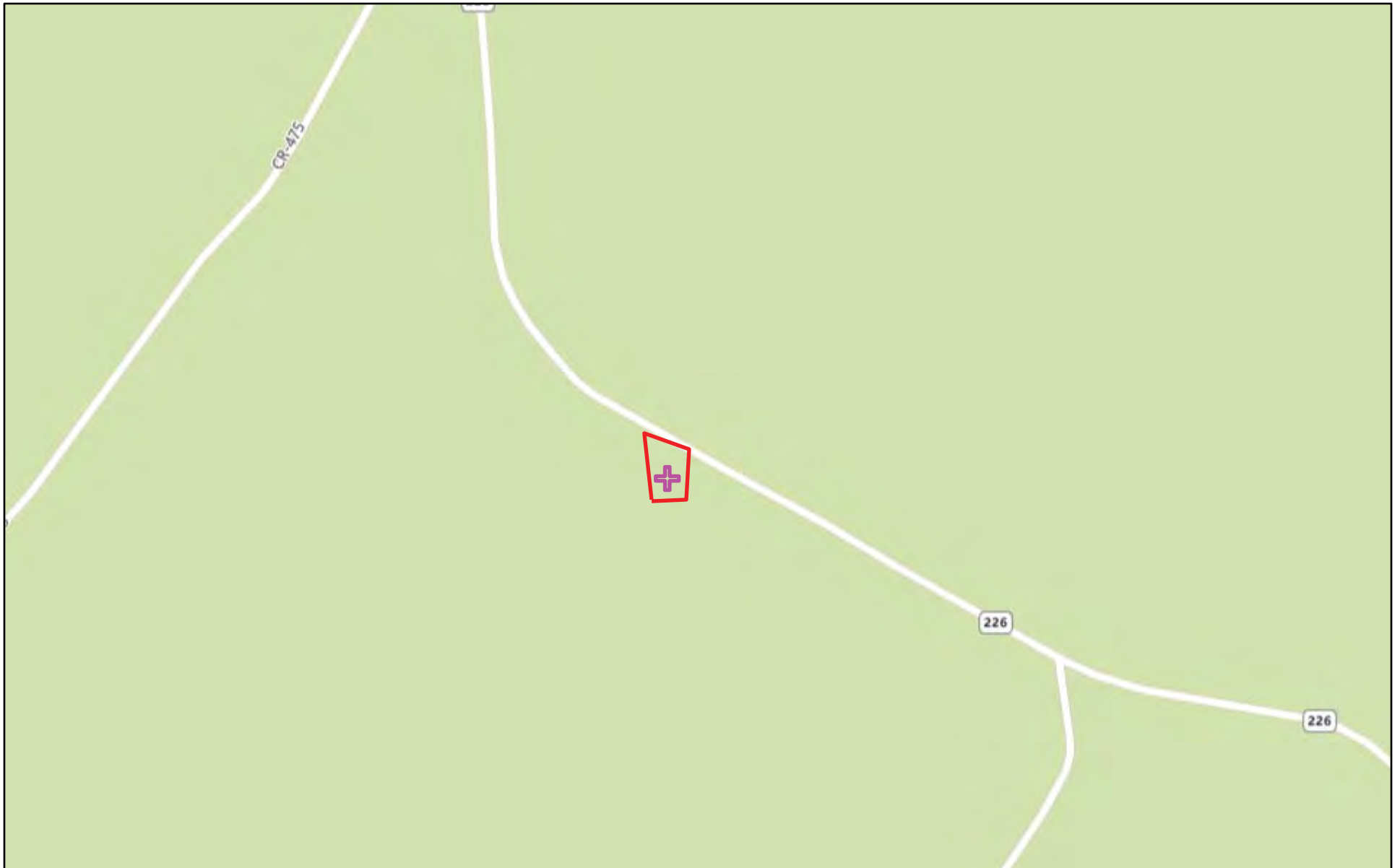
The project will facilitate improvements to an existing water plant. The project does not involve development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals and does not involve development, construction, or rehabilitation that will increase residential densities. Nor does the project involve any land use conversion.

See maps and data gathered from <https://nepassisttool.epa.gov/nepassist/nepamap.aspx> and Google Earth.



Are formal compliance steps or mitigation required?

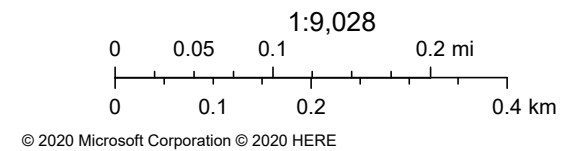
- Yes
- No

Nacogdoches Co. - Flammable



April 13, 2020

-  Project 1
-  Search Result (point)



From: [Pat Oates](#)
To: [Wesley McPhail](#)
Subject: RE: Nacogdoches Co 7219300 - Water
Date: Wednesday, April 15, 2020 9:59:42 AM

SEE RESPONSES BELOW.

Pat G. Oates, P.E.

Engineering Manager

936-637-4900

poates@glstexas.com

www.goodwinlasiterstrong.com



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From: Wesley McPhail [mailto:wesley.mcphail@sbcglobal.net]

Sent: Wednesday, April 15, 2020 8:27 AM

To: Pat Oates <poates@glstexas.com>

Subject: Nacogdoches Co 7219300 - Water

Importance: High

Pat,

I hope you are staying well during this time.

I am very near submission of the Nacogdoches Co. ERR I need confirmation of the following. Does the scope of work at the Etoile WSC Plant #3 fall within the below parameters?

Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets).

YES...WE ARE NOT CHANGING CAPACITIES AND IT CERTAINLY IS A PUBLIC FACILITY IMPROVEMENT.

I also need confirmation from you on the following questions. I reasonably certain the answers are "No."

- Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the

property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

THERE ARE NO APPARENT HAZARDOUS ON-OR OFF (NEARBY) SITE SUBSTANCES. NO PHASE 1 OR 2 HAS BEEN DONE SIMPLY BECAUSE OF THE APPARENT NON-HAZARDOUS CONDITIONS ON OR NEARBY THE SITE.

- Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

NO.

- Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

NO. NO INCREASE IN DENSITIES OR CHANGES IN LAND USAGES ON SITE OR NEARBY.

Thanks,

Wesley McPhail
David J. Waxman, Inc.
P.O. Drawer 900
Jasper, TX 75951
409/384-3458 / Fax 409/384-5719

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Farmlands Protection (CEST and EA)

General requirements	Legislation	Regulation
The Farmland Protection Policy Act (FPPA) discourages federal activities that would convert farmland to nonagricultural purposes.	Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.)	7 CFR Part 658
Reference		
https://www.hudexchange.info/environmental-review/farmlands-protection		

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

- Yes → *Continue to Question 2.*
 No

Explain how you determined that agricultural land would not be converted:

The project will involve the rehabilitation of an existing Water Plant. All work will be within the existing site footprint without any increases in size. No changes in route, acquisition of new land, or land use conversion is required.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting your determination.*

2. Does “important farmland,” including prime farmland, unique farmland, or farmland of statewide or local importance regulated under the Farmland Protection Policy Act, occur on the project site?

You may use the links below to determine important farmland occurs on the project site:

- Utilize USDA Natural Resources Conservation Service’s (NRCS) Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>
- Check with your city or county’s planning department and ask them to document if the project is on land regulated by the FPPA (zoning important farmland as non-agricultural does not exempt it from FPPA requirements)
- Contact NRCS at the local USDA service center <http://offices.sc.egov.usda.gov/locator/app?agency=nrcs> or your NRCS state soil scientist http://soils.usda.gov/contact/state_offices/ for assistance

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes → *Continue to Question 3.*

3. Consider alternatives to completing the project on important farmland and means of avoiding impacts to important farmland.

- Complete form **AD-1006**, "Farmland Conversion Impact Rating" http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045394.pdf and contact the state soil scientist before sending it to the local NRCS District Conservationist.
(NOTE: for corridor type projects, use instead form **NRCS-CPA-106**, "Farmland Conversion Impact Rating for Corridor Type Projects: http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045395.pdf.)
- Work with NRCS to minimize the impact of the project on the protected farmland. When you have finished with your analysis, return a copy of form AD-1006 (or form NRCS-CPA-106 if applicable) to the USDA-NRCS State Soil Scientist or his/her designee informing them of your determination.

Document your conclusion:

- Project will proceed with mitigation.

Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

- Project will proceed without mitigation.

Explain why mitigation will not be made here:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve the rehabilitation of an existing Water Plant. This will not include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use. All work will be within the existing site footprint without any increases in size. None of the proposed project areas are designated as prime farmland by USDA

See maps and data gathered from

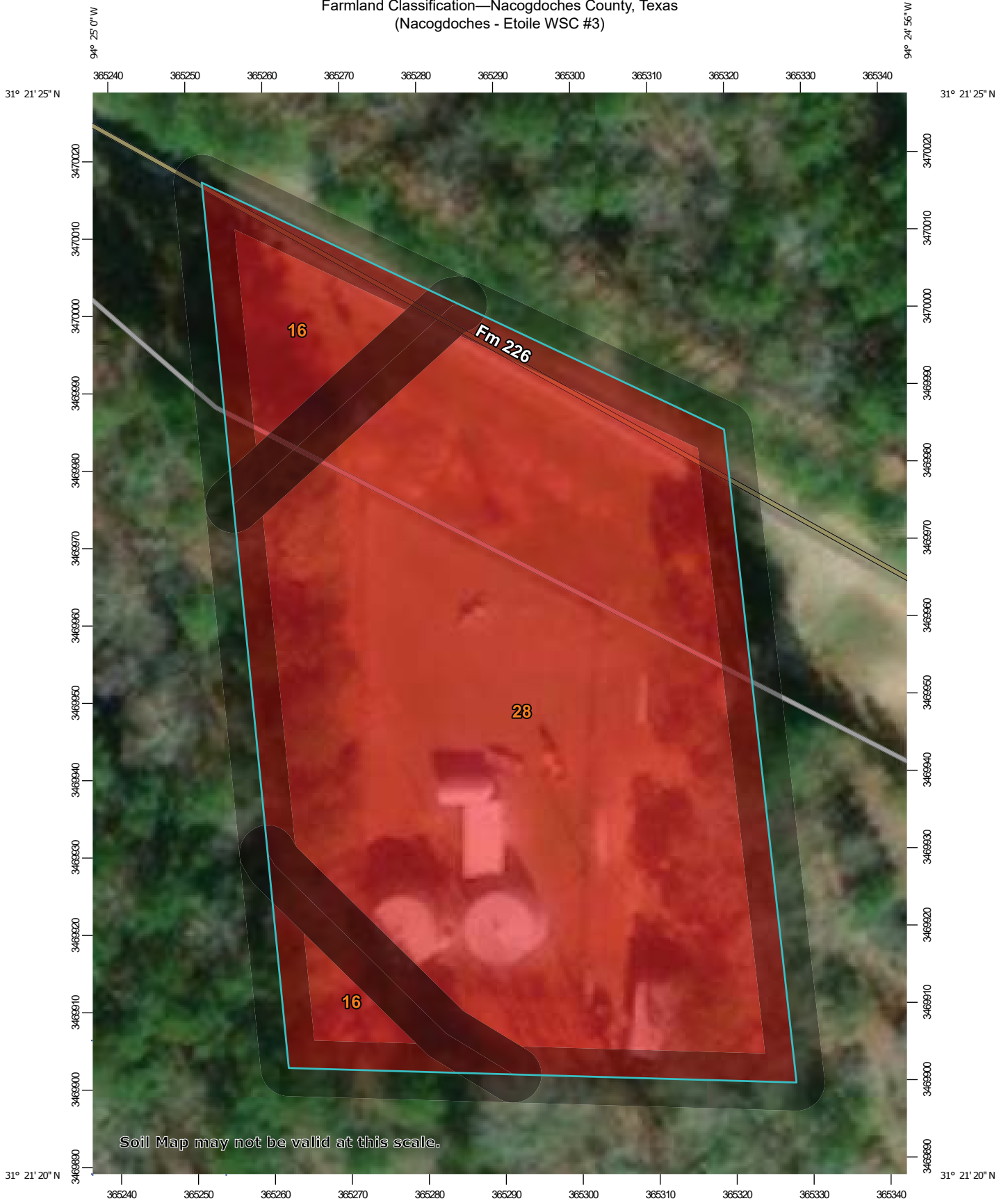
<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

Are formal compliance steps or mitigation required?

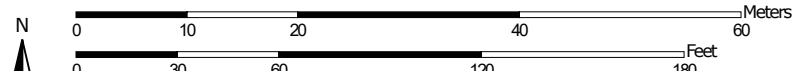
Yes

No

Farmland Classification—Nacogdoches County, Texas
(Nacogdoches - Etoile WSC #3)



Map Scale: 1:682 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

Farmland Classification—Nacogdoches County, Texas
(Nacogdoches - Etoile WSC #3)









MAP LEGEND








Area of Interest (AOI)








 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  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 statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available

Soil Rating Lines

-  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

Farmland Classification—Nacogdoches County, Texas
(Nacogdoches - Etoile WSC #3)

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

Farmland Classification—Nacogdoches County, Texas
(Nacogdoches - Etoile WSC #3)

<p> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season</p>	<p> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium</p>	<p> Farmland of unique importance</p> <p> Not rated or not available</p>	<p>The soil surveys that comprise your AOI were mapped at 1:24,000.</p>
<p> Farmland of statewide importance, if irrigated and drained</p>	<p> Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season</p>	<p>Water Features</p> <p> Streams and Canals</p>	<p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p>
<p> Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season</p>	<p> Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season</p>	<p>Transportation</p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p>	
<p> Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer</p>	<p> Farmland of statewide importance, if warm enough</p>	<p>Background</p> <p> Aerial Photography</p>	<p>Please rely on the bar scale on each map sheet for map measurements.</p>
<p> Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60</p>	<p> Farmland of statewide importance, if thawed</p>		<p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p>
	<p> Farmland of local importance</p>		<p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p>
	<p> Farmland of local importance, if irrigated</p>		<p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p>
			<p>Soil Survey Area: Nacogdoches County, Texas Survey Area Data: Version 21, Sep 12, 2019</p>
			<p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p>
			<p>Date(s) aerial images were photographed: Nov 21, 2015—Oct 22, 2017</p>
			<p>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.</p>

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
16	Cuthbert fine sandy loam, 8 to 20 percent slopes	Not prime farmland	0.3	15.6%
28	Kirvin fine sandy loam, 1 to 8 percent slopes	Not prime farmland	1.4	84.4%
Totals for Area of Interest			1.6	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

Floodplain Management (CEST and EA)

General Requirements	Legislation	Regulation
Executive Order 11988, Floodplain Management, requires Federal activities to avoid impacts to floodplains and to avoid direct and indirect support of floodplain development to the extent practicable.	Executive Order 11988	24 CFR 55
Reference		
https://www.hudexchange.info/environmental-review/floodplain-management		

1. Does [24 CFR 55.12\(c\)](#) exempt this project from compliance with HUD’s floodplain management regulations in Part 55?

Yes

Provide the applicable citation at 24 CFR 55.12(c) here. If project is exempt under 55.12(c)(7) or (8), provide supporting documentation.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

No → *Continue to Question 2.*

2. **Provide a FEMA/FIRM or ABFE map showing the site.**

The Federal Emergency Management Agency (FEMA) designates floodplains. The FEMA Map Service Center provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs) or Advisory Base Flood Elevations (ABFEs). For projects in areas not mapped by FEMA, use the best available information to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site.

Does your project occur in a floodplain?

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes

Select the applicable floodplain using the FEMA map or the best available information:

Floodway → *Continue to Question 3, Floodways*

- Coastal High Hazard Area (V Zone) → *Continue to Question 4, Coastal High Hazard Areas*
- 500-year floodplain (B Zone or shaded X Zone) → *Continue to Question 5, 500-year Floodplains*
- 100-year floodplain (A Zone) → *The 8-Step Process is required. Continue to Question 6, 8-Step Process*

3. **Floodways**

Is this a functionally dependent use?

- Yes

The 8-Step Process is required. Work with your HUD FEO to determine a way to satisfactorily continue with this project. Provide a completed 8-Step Process, including the early public notice and the final notice.

→*Continue to Question 6, 8-Step Process*

- No

Federal assistance may not be used at this location unless a 55.12(c) exception applies. You must either choose an alternate site or cancel the project at this location.

4. **Coastal High Hazard Area**

Is this a critical action?

- Yes

Critical actions are prohibited in coastal high hazard areas. Federal assistance may not be used at this location. Unless the action is excepted at 24 CFR 55.12(c), you must either choose an alternate site or cancel the project.

- No

Does this action include construction that is not a functionally dependent use, existing construction (including improvements), or reconstruction following destruction caused by a disaster?

- Yes, there is new construction.

New construction is prohibited in V Zones ((24 CFR 55.1(c)(3)).

- No, this action concerns only a functionally dependent use, existing construction(including improvements), or reconstruction following destruction caused by a disaster.

This construction must have met FEMA elevation and construction standards for a coastal high hazard area or other standards applicable at the time of construction.

→ *Continue to Question 6, 8-Step Process*

5. 500-year Floodplain

Is this a critical action?

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 6, 8-Step Process*

6. 8-Step Process.

Does the 8-Step Process apply? Select one of the following options:

8-Step Process applies.

Provide a completed 8-Step Process, including the early public notice and the final notice.

→ *Continue to Question 7, Mitigation*

5-Step Process is applicable per 55.12(a)(1-3).

Provide documentation of 5-Step Process.

Select the applicable citation:

55.12(a)(1) HUD actions involving the disposition of HUD-acquired multifamily housing projects or “bulk sales” of HUD-acquired one- to four-family properties in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24).

55.12(a)(2) HUD's actions under the National Housing Act (12 U.S.C. 1701) for the purchase or refinancing of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, and intermediate care facilities, in communities that are in good standing under the NFIP.

55.12(a)(3) HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, intermediate care facilities, and one- to four-family properties, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the number of units is not increased more than 20 percent, the action does not involve a conversion from nonresidential to residential land use, the action does not meet the thresholds for “substantial improvement” under §

55.2(b)(10), and the footprint of the structure and paved areas is not significantly increased.

- 55.12(a)(4) HUD's (or the recipient's) actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the NFIP and are in good standing, provided that the action does not meet the thresholds for "substantial improvement" under § 55.2(b)(10) and that the footprint of the structure and paved areas is not significantly increased.

→ Continue to Question 7, Mitigation

- 8-Step Process is inapplicable per 55.12(b)(1-4).

Select the applicable citation:

- 55.12(b)(1) HUD's mortgage insurance actions and other financial assistance for the purchasing, mortgaging or refinancing of existing one- to four-family properties in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24), where the action is not a critical action and the property is not located in a floodway or coastal high hazard area.
- 55.12(b)(2) Financial assistance for minor repairs or improvements on one- to four-family properties that do not meet the thresholds for "substantial improvement" under § 55.2(b)(10)
- 55.12(b)(3) HUD actions involving the disposition of individual HUD-acquired, one- to four-family properties.
- 55.12(b)(4) HUD guarantees under the Loan Guarantee Recovery Fund Program (24 CFR part 573) of loans that refinance existing loans and mortgages, where any new construction or rehabilitation financed by the existing loan or mortgage has been completed prior to the filing of an application under the program, and the refinancing will not allow further construction or rehabilitation, nor result in any physical impacts or changes except for routine maintenance.
- 55.12(b)(5) The approval of financial assistance to lease an existing structure located within the floodplain, but only if—
 - (i) The structure is located outside the floodway or Coastal High Hazard Area, and is in a community that is in the Regular Program of the NFIP and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24);
 - (ii) The project is not a critical action; and
 - (iii) The entire structure is or will be fully insured or insured to the maximum under the NFIP for at least the term of the lease.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

7. Mitigation

For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Which of the following mitigation/minimization measures have been identified for this project in the 8-Step or 5-Step Process? Select all that apply.

- Permeable surfaces
- Natural landscape enhancements that maintain or restore natural hydrology
- Planting or restoring native plant species
- Bioswales
- Evapotranspiration
- Stormwater capture and reuse
- Green or vegetative roofs with drainage provisions
- Natural Resources Conservation Service conservation easements or similar easements
- Floodproofing of structures
- Elevating structures including freeboarding above the required base flood elevations
- Other

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates

Nacogdoches County - 7219300 - Water

- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project involves improvements to an existing water plant. The water plant is not situated in a designated floodplain.

See information taken from <https://msc.fema.gov>, including active FIRM Panel 48347C0575C dated 5/20/2010.

Are formal compliance steps or mitigation required?

- Yes
 No



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Enter an address, place, or coordinates: ?

Etoile, TX

Search

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Whether you are in a high risk zone or not, you may need flood insurance (https://www.fema.gov/national-flood-insurance-program) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about steps you can take (https://www.fema.gov/what/mitigation) to reduce flood risk damage.

Search Results—Products for NACOGDOCHES COUNTY UNINCORPORATED AREAS

Show ALL Products » (https://msc.fema.gov/portal/availabilitySearch?addcommunity=480947&communityName=NACOGDOCHES COUNTY UNINCORPORATED AREAS#searchresultsanchor)

The flood map for the selected area is number **48347C0575C**, effective on **05/20/2010**

DYNAMIC MAP



MAP IMAGE



(https://msc.fema.gov/portal/downloadProduct?)

filepath=48/P/Firm/48347C0575C.tif&productTypeID=FINAL_PRODUCT&productSubTypeID=FIRM_PANEL&productID=48347C0575C)

Changes to this FIRM ?

- Revisions (0)
- Amendments (9)
- Revalidations (1)

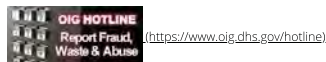
You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette. If you are a person with a disability, are blind, or have low vision, and need assistance, please contact a map specialist (https://msc.fema.gov/portal/resources/contact).

Go To NFHL Viewer » (https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b529aa9cd&extent=-94.42857401244763,31.351392259077354,-94.40780298582)



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[Ready.gov \(/www.ready.gov/\)](https://www.ready.gov/)
[USA.gov \(/www.usa.gov/\)](https://www.usa.gov/)
[DisasterAssistance.gov \(/www.disasterassistance.gov/\)](https://www.disasterassistance.gov/)



Official website of the Department of Homeland Security



FEMA

([//www.fema.gov/](http://www.fema.gov/))

FEMA Flood Map Service Center: Search All Products

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Choose one of the three search options below and optionally enter a posting date range.

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Jurisdiction

State

Jurisdiction Name

Jurisdiction Name or FEMA ID

(Ex. Fairfax County-wide or 51059C)

Product ID

Product ID

> Filter By Posting Date Range (*Optional*)

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Historic Products (22) 

 Flood Risk Products (0) 



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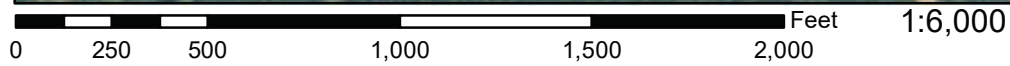
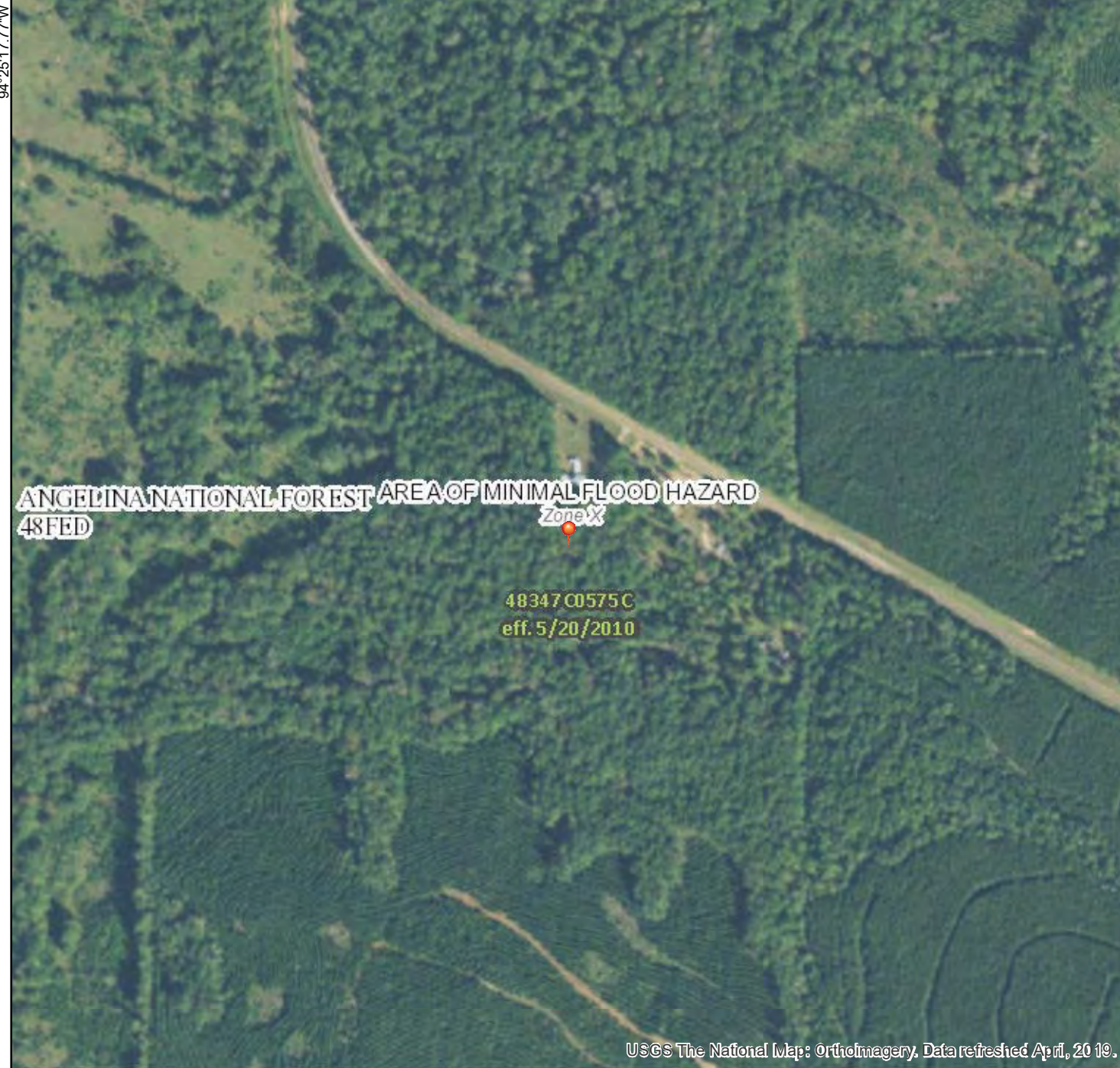
(<https://www.oig.dhs.gov/hotline>)

 Official website of the Department of Homeland Security

National Flood Hazard Layer FIRMette



31°21'35.35"N



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

31°21'4.62"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/3/2020 at 5:16:46 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

94°24'40.32"W

Historic Preservation (CEST and EA)

General requirements	Legislation	Regulation
Regulations under Section 106 of the National Historic Preservation Act (NHPA) require a consultative process to identify historic properties, assess project impacts on them, and avoid, minimize, or mitigate adverse effects	Section 106 of the National Historic Preservation Act (16 U.S.C. 470f)	36 CFR 800 "Protection of Historic Properties"
References		
https://www.hudexchange.info/environmental-review/historic-preservation		

Threshold

Is Section 106 review required for your project?

- No, because the project consists solely of activities listed as exempt in a Programmatic Agreement (PA). (See the [PA Database](#) to find applicable PAs.)

Either provide the PA itself or a link to it here. Mark the applicable exemptions or include the text here:

→ Continue to the Worksheet Summary.

- No, because the project consists solely of activities included in a No Potential to Cause Effects memo or other determination [36 CFR 800.3(a)(1)].

Either provide the memo itself or a link to it here. Explain and justify the other determination here:

Data was sent to all vested Native American Tribes as well as THC and the Nacogdoches Co. Historical Commission. The Coushatta Tribe of LA submitted a "No Impact Response on 2/28/2020. No other tribal responses or comments were received.. THC responded with a finding of "No Impact" on 3/12/2020.

→ Continue to the Worksheet Summary.

- Yes, because the project includes activities with potential to cause effects (direct or indirect). → Continue to Step 1.

The Section 106 Process

After determining the need to do a Section 106 review, initiate consultation with regulatory and other interested parties, identify and evaluate historic properties, assess effects of the project on properties listed on or eligible for the National Register of Historic Places, and resolve any adverse effects through project design modifications or mitigation.

Note that consultation continues through all phases of the review.

Step 1: Initiate consultation

Step 2: Identify and evaluate historic properties

Step 3: Assess effects of the project on historic properties

Step 4: Resolve any adverse effects

Step 1 - Initiate Consultation

The following parties are entitled to participate in Section 106 reviews: Advisory Council on Historic Preservation; State Historic Preservation Officers (SHPOs); federally recognized Indian tribes/Tribal Historic Preservation Officers (THPOs); Native Hawaiian Organizations (NHOs); local governments; and project grantees. The general public and individuals and organizations with a demonstrated interest in a project may participate as consulting parties at the discretion of the RE or HUD official. Participation varies with the nature and scope of a project. Refer to HUD’s website for guidance on consultation, including the required timeframes for response. Consultation should begin early to enable full consideration of preservation options.

Use the [When To Consult With Tribes checklist](#) within [Notice CPD-12-006: Process for Tribal Consultation](#) to determine if you should invite tribes to consult on a particular project. Use the [Tribal Directory Assessment Tool \(TDAT\)](#) to identify tribes that may have an interest in the area where the project is located. Note that consultants may not initiate consultation with Tribes.

Select all consulting parties below (check all that apply):

- State Historic Preservation Officer (SHPO)
- Advisory Council on Historic Preservation
- Indian Tribes, including Tribal Historic Preservation Officers (THPOs) or Native
- Hawaiian Organizations (NHOs)

List all tribes that were consulted here and their status of consultation:

- Other Consulting Parties

List all consulting parties that were consulted here and their status of consultation:

Describe the process of selecting consulting parties and initiating consultation here:

Provide all correspondence, notices, and notes (including comments and objections received) and continue to Step 2.

Step 2 - Identify and Evaluate Historic Properties

Define the Area of Potential Effect (APE), either by entering the address(es) or providing a map depicting the APE. Attach an additional page if necessary.

Gather information about known historic properties in the APE. Historic buildings, districts and archeological sites may have been identified in local, state, and national surveys and registers, local historic districts, municipal plans, town and county histories, and local history websites. If not already listed on the National Register of Historic Places, identified properties are then evaluated to see if they are eligible for the National Register.

Refer to HUD’s website for guidance on identifying and evaluating historic properties.

In the space below, list historic properties identified and evaluated in the APE.

Every historic property that may be affected by the project should be listed. For each historic property or district, include the National Register status, whether the SHPO has concurred with the finding, and whether information on the site is sensitive. Attach an additional page if necessary.

Provide the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination.

Was a survey of historic buildings and/or archeological sites done as part of the project?

If the APE contains previously unsurveyed buildings or structures over 50 years old, or there is a likely presence of previously unsurveyed archeological sites, a survey may be necessary. For Archeological surveys, refer to HP Fact Sheet #6, [Guidance on Archeological Investigations in HUD Projects](#).

- Yes → *Provide survey(s) and report(s) and continue to Step 3.*

Additional notes:

- No → *Continue to Step 3.*

Step 3 - Assess Effects of the Project on Historic Properties

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. ([36 CFR 800.5](#)) Consider direct and indirect effects as applicable as per HUD guidance.

Choose one of the findings below - No Historic Properties Affected, No Adverse Effect, or Adverse Effect; and seek concurrence from consulting parties.

- No Historic Properties Affected

Document reason for finding:

- No historic properties present. → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*
- Historic properties present, but project will have no effect upon them. → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

If consulting parties concur or fail to respond to user's request for concurrence, project is in compliance with this section. No further review is required. If consulting parties object, refer to [\(36 CFR 800.4\(d\)\(1\)\)](#) and consult further to try to resolve objection(s).

No Adverse Effect

Document reason for finding:

Does the No Adverse Effect finding contain conditions?

Yes

Check all that apply: (check all that apply)

- Avoidance
- Modification of project
- Other

Describe conditions here:

→ *Monitor satisfactory implementation of conditions. Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

No → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

If consulting parties concur or fail to respond to user's request for concurrence, project is in compliance with this section. No further review is required. If consulting parties object, refer to ([36 CFR 800.5\(c\)\(2\)](#)) and consult further to try to resolve objection(s).

Adverse Effect

Document reason for finding:

Copy and paste applicable Criteria into text box with summary and justification.

Criteria of Adverse Effect: [36 CFR 800.5](#)]

Notify the Advisory Council on Historic Preservation of the Adverse Effect and provide the documentation outlined in [36 CFR 800.11\(e\)](#). The Council has 15 days to decide whether to enter the consultation (Not required for projects covered by a Programmatic Agreement).

→ *Continue to Step 4.*

Step 4 - Resolve Adverse Effects

Work with consulting parties to try to avoid, minimize or mitigate adverse effects. Refer to HUD guidance and [36 CFR 800.6 and 800.7](#).

Were the Adverse Effects resolved?

Yes

Describe the resolution of Adverse Effects, including consultation efforts and participation by the Advisory Council on Historic Preservation:

For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Provide signed Memorandum of Agreement (MOA) or Standard Mitigation Measures Agreement (SMMA). Continue to the Worksheet Summary.*

No

The project must be cancelled unless the “Head of Agency” approves it. Either provide approval from the “Head of Agency” or cancel the project at this location.

Describe the failure to resolve Adverse Effects, including consultation efforts and participation by the Advisory Council on Historic Preservation and “Head of the Agency”:

Explain in detail the exact conditions or measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Provide correspondence, comments, documentation of decision, and “Head of Agency” approval. Continue to the Worksheet Summary.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve improvements to an existing water plant – Etoile WSC Plant #3 in Nacogdoches Co. The project is near a non-historic cemetery – Blue Springs Cemetery, but no designated historic sights. Letters were sent to the Alabama Coushatta Tribe of Texas, Apache Tribe of Oklahoma, Caddo Nation, Coushatta Tribe of Louisiana, Tonkawa Tribe of Oklahoma, Wichita & Affiliated Tribes of Oklahoma on 2/14/2020. The Coushatta Tribe of LA submitted a “No Impact Response on 2/28/2020. No other tribal responses or comments were received. Contact also went out to the Nacogdoches Co. Historical Commission and THC. No response was received from the Nacogdoches Co. Historical Commission. THC returned a finding of “No Impact” on 3/12/2020.

See copies of correspondence with maps and data pulled from <https://atlas.thc.state.tx.us/Map> as well as record THC’s “No Impact” finding.

Are formal compliance steps or mitigation required?

- Yes
- No

From: noreply@thc.state.tx.us
To: wesley.mcphail@sbcglobal.net; reviews@thc.state.tx.us
Subject: Project Review: 202007057
Date: Thursday, March 12, 2020 3:14:12 PM



Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas

THC Tracking #202007057

Etoile WSC Plant 3 Improvements
FM HWY 226
Nacogdoches, TX 75944

Dear Wesley McPhail:

Thank you for your submittal regarding the above-referenced project. This response represents the comments of the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission (THC), pursuant to review under Section 106 of the National Historic Preservation Act and the Antiquities Code of Texas.

The review staff led by Maggie Moore and Caitlin Brashear has completed its review and has made the following determinations based on the information submitted for review:

Above-Ground Resources

- No historic properties are present or affected by the project as proposed. However, if historic properties are discovered or unanticipated effects on historic properties are found, work should cease in the immediate area; work can continue where no historic properties are present. Please contact the THC's History Programs Division at 512-463-5853 to consult on further actions that may be necessary to protect historic properties.

Archeology Comments

- No historic properties present or affected. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers:
Maggie.Moore@thc.texas.gov, caitlin.brashear@thc.texas.gov

This response has been sent through the electronic THC review and compliance system (eTRAC). Submitting your project via eTRAC eliminates mailing delays and allows you to check the status of the review, receive an electronic response, and generate reports on your submissions. For more information, visit <http://thc.texas.gov/etrac-system>.

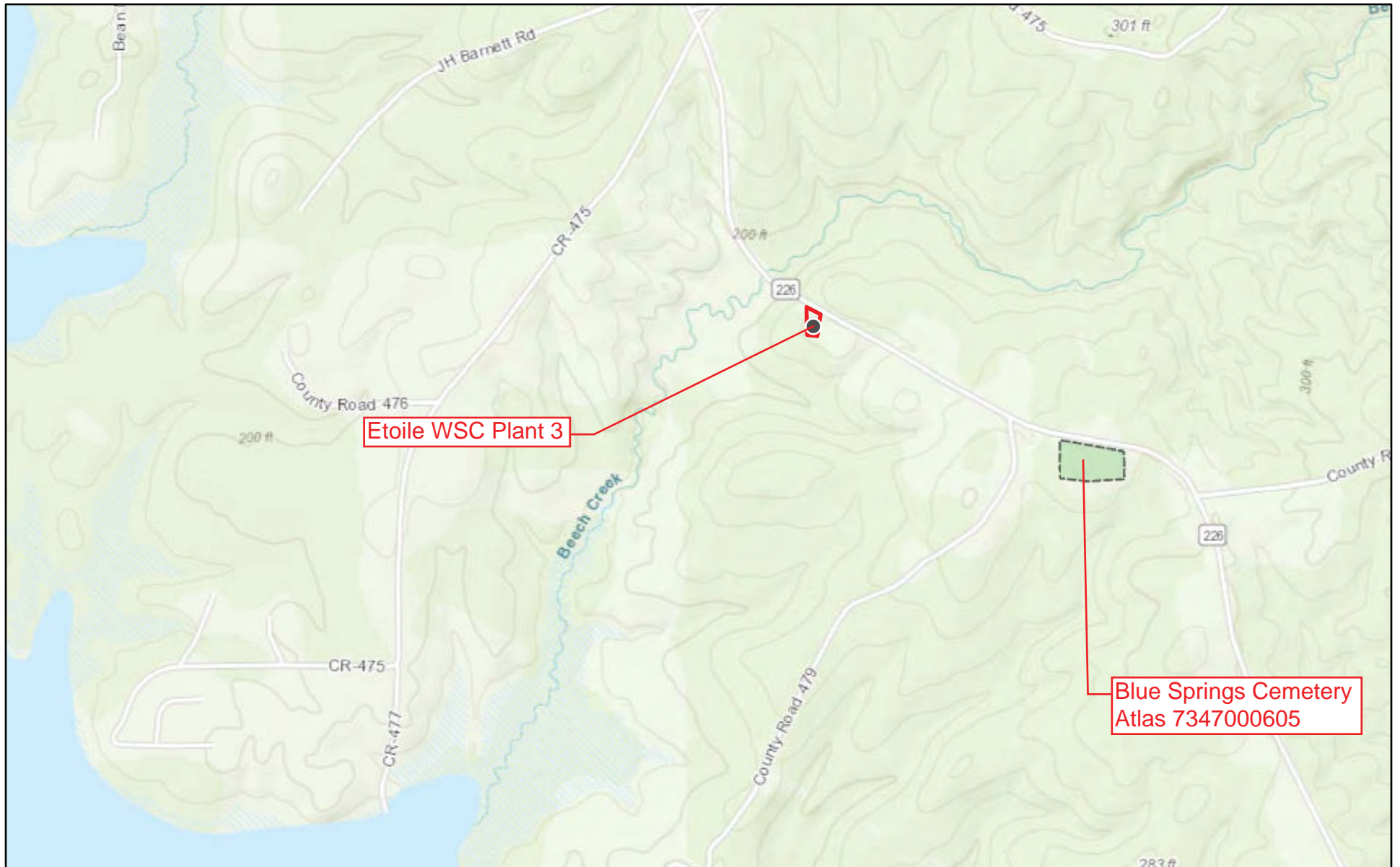
Sincerely,




For Mark Wolfe, State Historic Preservation Officer
Executive Director, Texas Historical Commission

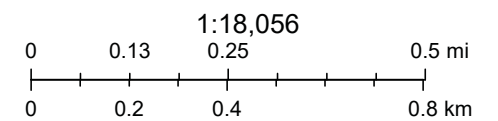
Please do not respond to this email.

Nacogdoches Co. 7219300 - Etoile WSC Plant 3



February 11, 2020

 Cemetery

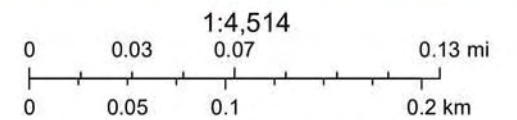


Copyright 2010, Texas Historical Commission, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN,

Nacogdoches 7219300 - Satellite



February 10, 2020



Copyright 2010, Texas Historical Commission, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri,

Noise (CEST Level Reviews)

General requirements	Legislation	Regulation
HUD’s noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: “Compatible Land Uses at Federal Airfields”	Title 24 CFR 51 Subpart B
References		
https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control		

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ *Continue to Question 4.*

- Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ *Continue to Question 2.*

- A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

- None of the above

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?

Yes

Indicate the type of measures that will apply (check all that apply):

Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)

Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)

Other

Explain:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any supporting documentation.*

No

→ *Continue to Question 3.*

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Describe findings of the Preliminary Screening:

→ *Continue to Question 6.*

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Indicate the findings of the Preliminary Screening below:

There are no noise generators found within the threshold distances above.

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

Noise generators were found within the threshold distances.

→ Continue to Question 5.

5. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here:

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.

Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here:

Is the project in a largely undeveloped area¹?

No

→Your project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i). Elevate this review to an EA-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

Yes

→Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Elevate this review to an EIS-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

- Unacceptable: (Above 75 decibels)

Indicate noise level here:

Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). You may either complete an EIS or provide a waiver signed by the appropriate authority. Indicate your choice:

- Convert to an EIS

→ Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

- Provide waiver

→ Provide an Environmental Impact Statement waiver from the Certifying Officer or the Assistant Secretary for Community Planning and Development per 24 CFR 51.104(b)(2) and noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

- 6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation. This information will be automatically included in the Mitigation summary for the environmental review.**

- Mitigation as follows will be implemented:

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.

Continue to the Worksheet Summary.

- No mitigation is necessary.

Explain why mitigation will not be made here:

→ Continue to the Worksheet Summary.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve improvements to an existing water plant – Etoile WSC Plant #3. There are no noise sensitive sites in the immediate vicinity of the project and the project isn't a "noise sensitive use." There will be increased ambient noise during the construction phase, but this will be short term. The project will not result in any increases in ambient noise levels.

See maps and data gathered from <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

Are formal compliance steps or mitigation required?

Yes

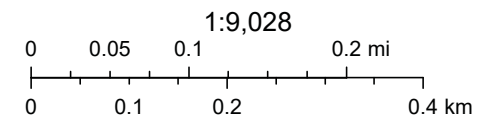
No

Nacogdoches Co. - Noise



April 13, 2020

- Project 1
- Schools
- Hospitals
- Search Result (point)
- Churches



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Noise (CEST Level Reviews)

General requirements	Legislation	Regulation
HUD’s noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: “Compatible Land Uses at Federal Airfields”	Title 24 CFR 51 Subpart B
References		
https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control		

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ *Continue to Question 4.*

- Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ *Continue to Question 2.*

- A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

- None of the above

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?

Yes

Indicate the type of measures that will apply (check all that apply):

Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)

Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)

Other

Explain:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any supporting documentation.*

No

→ *Continue to Question 3.*

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Describe findings of the Preliminary Screening:

→ *Continue to Question 6.*

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport). Indicate the findings of the Preliminary Screening below:

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→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

Noise generators were found within the threshold distances.

→ Continue to Question 5.

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Indicate noise level here:

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Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here:

Is the project in a largely undeveloped area¹?

No

→Your project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i). Elevate this review to an EA-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

Yes

→Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Elevate this review to an EIS-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

- Unacceptable: (Above 75 decibels)

Indicate noise level here:

Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). You may either complete an EIS or provide a waiver signed by the appropriate authority. Indicate your choice:

- Convert to an EIS

→ Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

- Provide waiver

→ Provide an Environmental Impact Statement waiver from the Certifying Officer or the Assistant Secretary for Community Planning and Development per 24 CFR 51.104(b)(2) and noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

- 6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation. This information will be automatically included in the Mitigation summary for the environmental review.**

- Mitigation as follows will be implemented:

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.

Continue to the Worksheet Summary.

- No mitigation is necessary.

Explain why mitigation will not be made here:

→ Continue to the Worksheet Summary.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will involve improvements to an existing water plant – Etoile WSC Plant #3. There are no noise sensitive sites in the immediate vicinity of the project and the project isn't a "noise sensitive use." There will be increased ambient noise during the construction phase, but this will be short term. The project will not result in any increases in ambient noise levels.

See maps and data gathered from <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>

Are formal compliance steps or mitigation required?

Yes

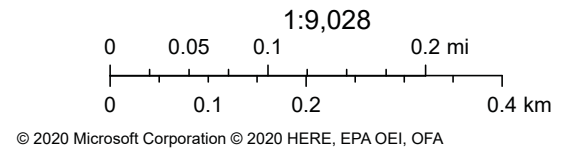
No

Nacogdoches Co. - Noise



April 13, 2020

- Project 1
- Schools
- Hospitals
- Search Result (point)
- Churches



Sole Source Aquifers (CEST and EA)

General requirements	Legislation	Regulation
The Safe Drinking Water Act of 1974 protects drinking water systems which are the sole or principal drinking water source for an area and which, if contaminated, would create a significant hazard to public health.	Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300f et seq., and 21 U.S.C. 349)	40 CFR Part 149
Reference		
https://www.hudexchange.info/environmental-review/sole-source-aquifers		

1. Does your project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)?

- Yes → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*
- No → *Continue to Question 2.*

2. Is the project located on a sole source aquifer (SSA)¹?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map of your project (or jurisdiction, if appropriate) in relation to the nearest SSA and its source area.*
- Yes → *Continue to Question 3.*

3. Does your region have a memorandum of understanding (MOU) or other working agreement with EPA for HUD projects impacting a sole source aquifer?

Contact your Field or Regional Environmental Officer or visit the HUD webpage at the link above to determine if an MOU or agreement exists in your area.

- Yes → *Provide the MOU or agreement as part of your supporting documentation. Continue to Question 4.*
- No → *Continue to Question 5.*

4. Does your MOU or working agreement exclude your project from further review?

- Yes → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination and document where your project fits within the MOU or agreement.*

¹ A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

No → *Continue to Question 5.*

5. Will the proposed project contaminate the aquifer and create a significant hazard to public health?

Consult with your Regional EPA Office. Your consultation request should include detailed information about your proposed project and its relationship to the aquifer and associated streamflow source area. EPA will also want to know about water, storm water and waste water at the proposed project. Follow your MOU or working agreement or contact your Regional EPA office for specific information you may need to provide. EPA may request additional information if impacts to the aquifer are questionable after this information is submitted for review.

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide your correspondence with the EPA and all documents used to make your determination.*

Yes → *Work with EPA to develop mitigation measures. If mitigation measures are approved, attach correspondence with EPA and include the mitigation measures in your environmental review documents and project contracts. If EPA determines that the project continues to pose a significant risk to the aquifer, federal financial assistance must be denied. Continue to Question 6.*

6. In order to continue with the project, any threat must be mitigated, and all mitigation must be approved by the EPA. Explain in detail the proposed measures that can be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Continue to the Worksheet Summary below. Provide documentation of the consultation (including the Managing Agency's concurrence) and any other documentation used to make your determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will not impact any soul source aquifers. The Nacogdoches County is situated approximately 205miles East of the Edwards Aquifer System in Central Texas and 66 miles to the West of the Chicot Aquifer in Louisiana. Neither will be affected by the improvements at Etoile WSC Plant #3.

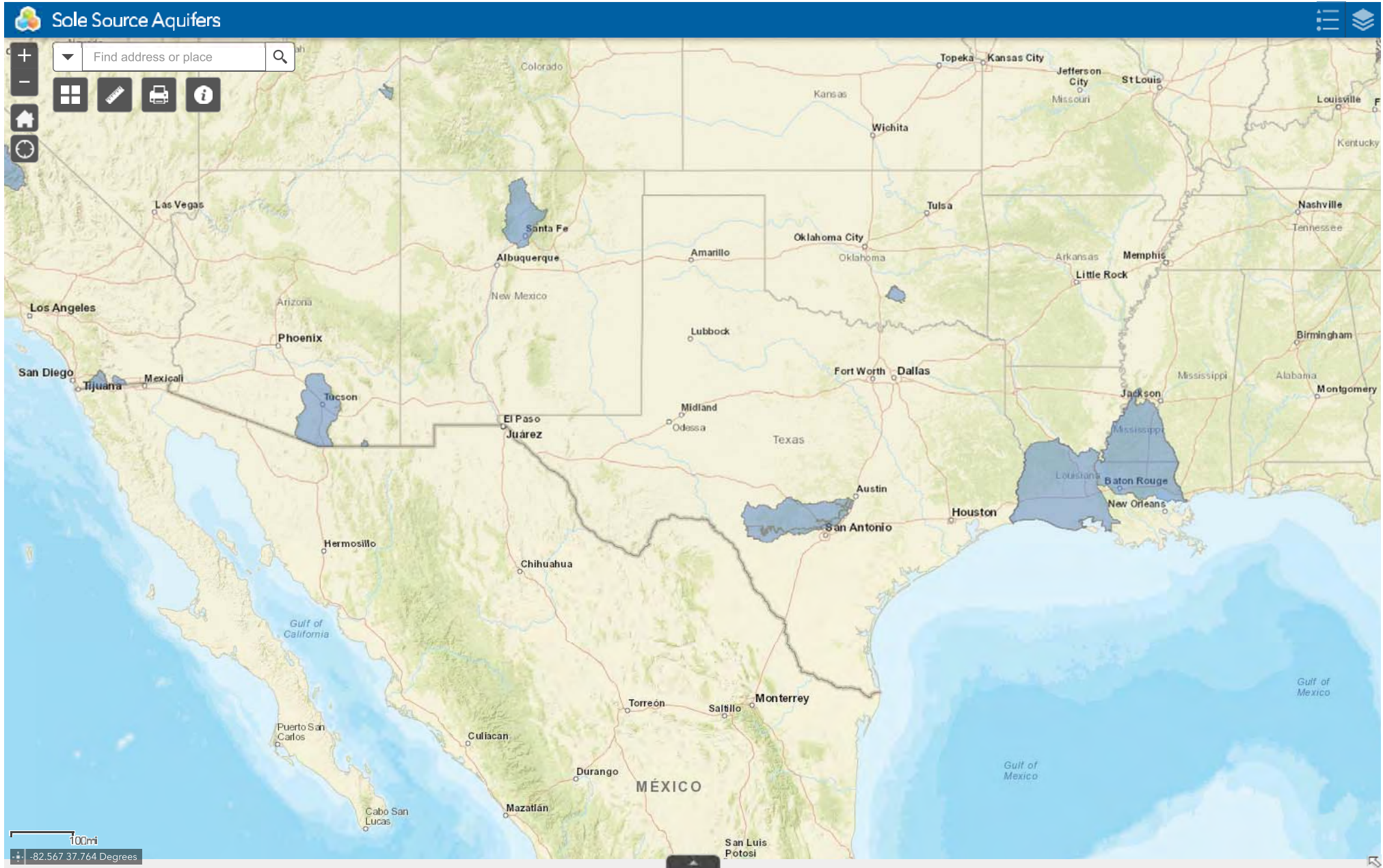
See maps and data taken from

<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b> and Google Earth

Are formal compliance steps or mitigation required?

Yes


No

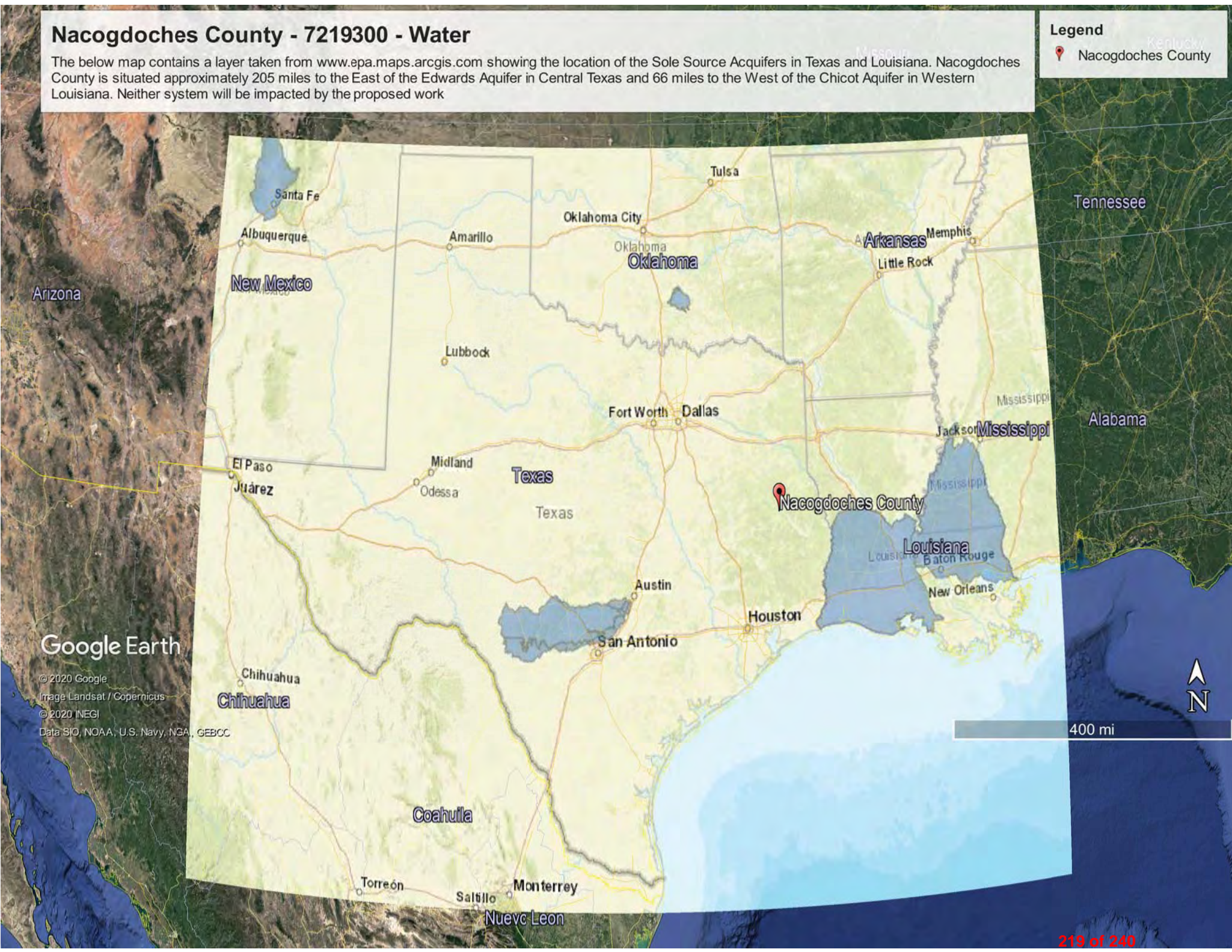


Nacogdoches County - 7219300 - Water

The below map contains a layer taken from www.epa.maps.arcgis.com showing the location of the Sole Source Aquifers in Texas and Louisiana. Nacogdoches County is situated approximately 205 miles to the East of the Edwards Aquifer in Central Texas and 66 miles to the West of the Chicot Aquifer in Western Louisiana. Neither system will be impacted by the proposed work

Legend

-  Nacogdoches County



Google Earth

© 2020 Google
Image Landsat / Copernicus
© 2020 INEGI
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Wetlands (CEST and EA)

General requirements	Legislation	Regulation
Executive Order 11990 discourages that direct or indirect support of new construction impacting wetlands wherever there is a practicable alternative. The Fish and Wildlife Service’s National Wetlands Inventory can be used as a primary screening tool, but observed or known wetlands not indicated on NWI maps must also be processed. Off-site impacts that result in draining, impounding, or destroying wetlands must also be processed.	Executive Order 11990	24 CFR 55.20 can be used for general guidance regarding the 8 Step Process.
References		
https://www.hudexchange.info/environmental-review/wetlands-protection		

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building’s footprint, or ground disturbance?

The term "new construction" shall include draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun or authorized after the effective date of the Order.

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 2.*

2. Will the new construction or other ground disturbance impact an on- or off-site wetland?

The term "wetlands" means those areas that are inundated by surface or ground water with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. Wetlands under E.O. 11990 include isolated and non-jurisdictional wetlands.

No, a wetland will not be impacted in terms of E.O. 11990’s definition of new construction.
 → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.*

Yes, there is a wetland that be impacted in terms of E.O. 11990’s definition of new construction.

→ You must determine that there are no practicable alternatives to wetlands development by completing the 8-Step Process.

Provide a completed 8-Step Process as well as all documents used to make your determination, including a map. Be sure to include the early public notice and the final notice with your documentation.

Continue to Question 3.

- 3. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.**

Which of the following mitigation actions have been or will be taken? Select all that apply:

- Permeable surfaces
- Natural landscape enhancements that maintain or restore natural hydrology through infiltration
- Native plant species
- Bioswales
- Evapotranspiration
- Stormwater capture and reuse
- Green or vegetative roofs with drainage provisions
- Natural Resources Conservation Service conservation easements
- Compensatory mitigation

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

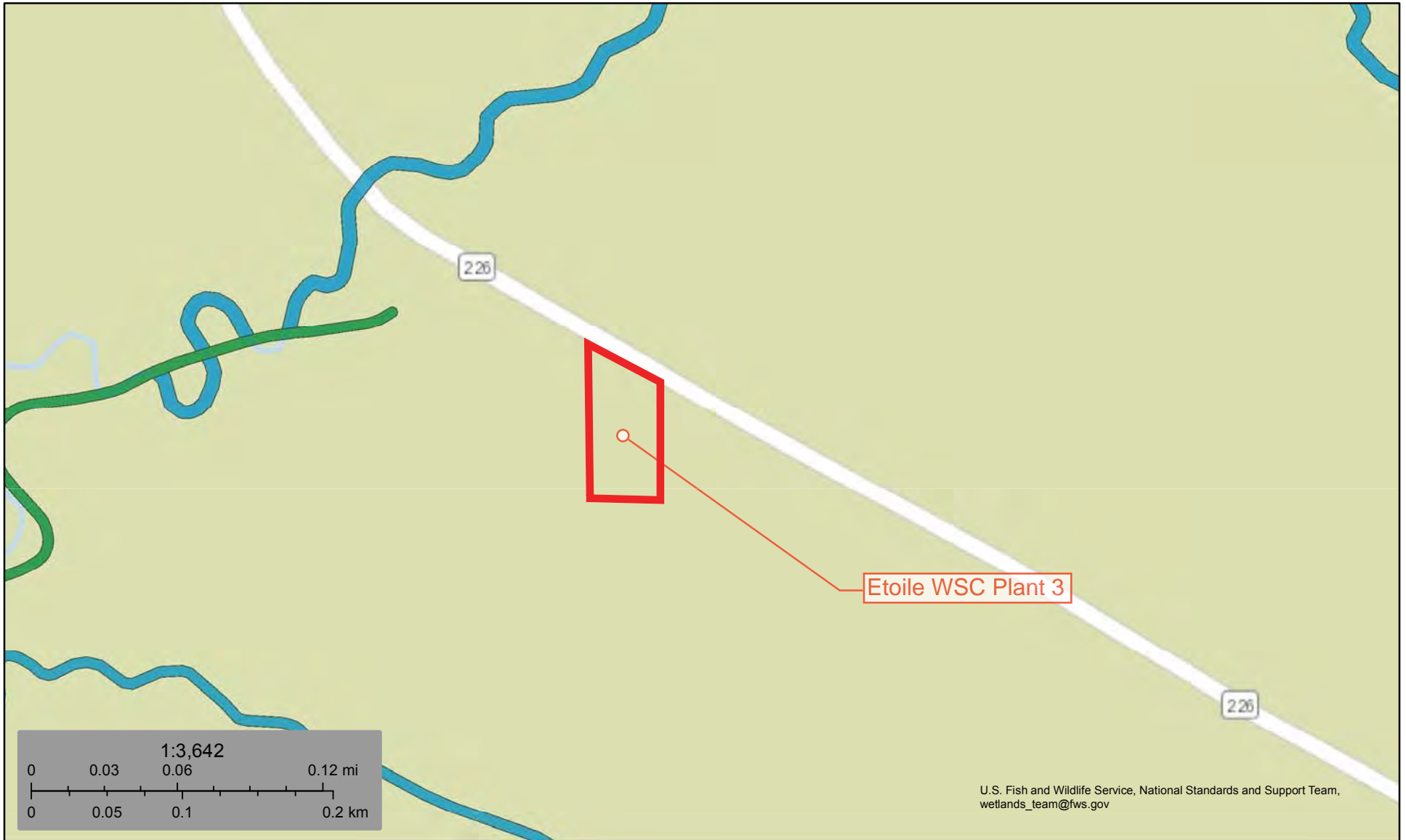
The project involves improvements to an existing water plant – Etoile WSC #3 – in Nacogdoches Co. There will be some minor ground disturbance within the existing site to accommodate the improvements, but all work will be in association with existing systems. There are no wetland features in or immediately adjacent to the site.

See maps and data taken from <https://www.fws.gov/wetlands/data/mapper.html> and Google Earth

Are formal compliance steps or mitigation required?

Yes








No



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

February 4, 2020

Wetlands

- | | | |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland |  Lake |
|  Estuarine and Marine Wetland |  Freshwater Forested/Shrub Wetland |  Other |
| |  Freshwater Pond |  Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



February 4, 2020

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Other
- Riverine

U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

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Wild and Scenic Rivers (CEST and EA)

General requirements	Legislation	Regulation
The Wild and Scenic Rivers Act provides federal protection for certain free-flowing, wild, scenic and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS) from the effects of construction or development.	The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287), particularly section 7(b) and (c) (16 U.S.C. 1278(b) and (c))	36 CFR Part 297
References		
https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers		

1. Is your project within proximity of a NWSRS river as defined below?

Wild & Scenic Rivers: These rivers or river segments have been designated by Congress or by states (with the concurrence of the Secretary of the Interior) as wild, scenic, or recreational

Study Rivers: These rivers or river segments are being studied as a potential component of the Wild & Scenic River system.

Nationwide Rivers Inventory (NRI): The National Park Service has compiled and maintains the NRI, a register of river segments that potentially qualify as national wild, scenic, or recreational river areas

No

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map identifying the project site and its surrounding area or a list of rivers in your region in the Screen Summary at the conclusion of this screen.

Yes, the project is in proximity of a Nationwide Rivers Inventory (NRI) River.

→ Continue to Question 2.

2. Could the project do any of the following?

- Have a direct and adverse effect within Wild and Scenic River Boundaries,
- Invade the area or unreasonably diminish the river outside Wild and Scenic River Boundaries, or
- Have an adverse effect on the natural, cultural, and/or recreational values of a NRI segment.

Consultation with the appropriate federal/state/local/tribal Managing Agency(s) is required, pursuant to Section 7 of the Act, to determine if the proposed project may have an adverse effect on a Wild & Scenic River or a Study River and, if so, to determine the appropriate avoidance or mitigation measures.

Note: Concurrence may be assumed if the Managing Agency does not respond within 30 days; however, you are still obligated to avoid or mitigate adverse effects on the rivers identified in the NWSRS

No, the Managing Agency has concurred that the proposed project will not alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation of the consultation (including the Managing Agency's concurrence) and any other documentation used to make your determination.*

Yes, the Managing Agency was consulted and the proposed project may alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.

→ *Continue to Question 3.*

- 3. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.**

→ *Continue to the Worksheet Summary below. Provide documentation of the consultation (including the Managing Agency's concurrence) and any other documentation used to make your determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The Etoile Water Plant in Nacogdoches Co. is located approximately 451 miles East of Texas' only designated Wild & Scenic River – the Rio Grande, and approximately 96 miles West of Saline Bayou in Louisiana. There are no NRI or Study Rivers in the vicinity of the plant.

See maps and data taken from www.rivers.gov, www.nps.gov, and Google Earth.

Are formal compliance steps or mitigation required?

Yes

No



NATIONAL WILD AND SCENIC RIVERS SYSTEM



- NATIONAL SYSTEM
- MANAGEMENT
- RESOURCES
- PUBLICATIONS
- CONTACT US
- 50 YEARS
- SITE INDEX

TEXAS

Texas has approximately 184,797 miles of river, of which 191.2 miles are designated as wild & scenic—1/10th of 1% of the state's river miles.



Legend ↗

[+ View larger map](#)

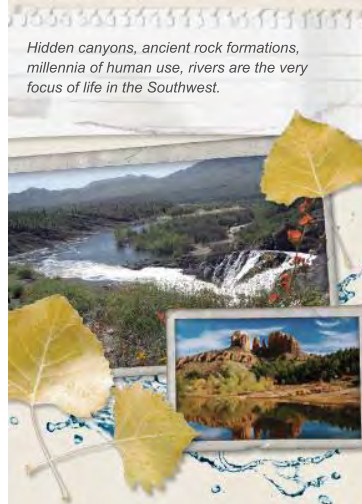
Rio Grande

EXPLORE DESIGNATED RIVERS



Choose A State ▼ Go

Choose A River ▼ Go



Hidden canyons, ancient rock formations, millennia of human use, rivers are the very focus of life in the Southwest.

- NATIONWIDE RIVERS INVENTORY
- CONTACT US
- PRIVACY NOTICE
- Q & A SEARCH ENGINE
- SITE MAP



Designated Rivers

- About WSR Act
- State Listings
- Profile Pages

National System

- WSR Table
- Study Rivers
- Stewardship
- WSR Legislation

River Management

- Council
- Agencies
- Management Plans
- River Mgt. Society
- GIS Mapping

Resources

- Q & A Search
- Bibliography
- Publications
- GIS Mapping
- Logo & Sign Standards

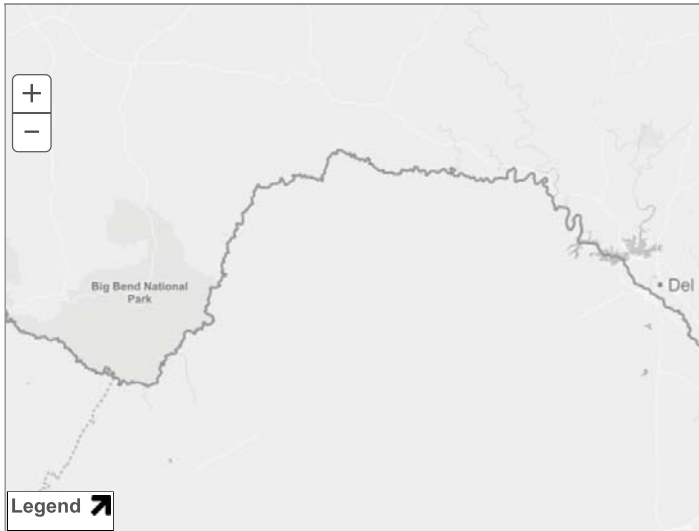


NATIONAL WILD AND SCENIC RIVERS SYSTEM



- NATIONAL SYSTEM
- MANAGEMENT
- RESOURCES
- PUBLICATIONS
- CONTACT US
- 50 YEARS
- SITE INDEX

RIO GRANDE, TEXAS



[+ View larger map](#)

Managing Agency:

National Park Service, Big Bend National Park

Designated Reach:

November 10, 1978. The segment on the United States side of the river from river mile 842.3 above Mariscal Canyon downstream to river mile 651.1 at the Terrell-Val Verde County line.

Classification/Mileage:

Wild — 95.2 miles; Scenic — 96.0 miles; Total — 191.2 miles.



RELATED LINKS

[Rio Grande Wild and Scenic River \(National Park Service\)](#)

[Big Bend National Park \(National Park Service\)](#)

[Rio Grande River Management Plan & EIS](#)

Photo Credit: Greg Anderson

Rio Grande (Texas)

This 191-mile stretch of the United States side of the Rio Grande along the Mexican border begins in Big Bend National Park. The river cuts through isolated, rugged canyons and the

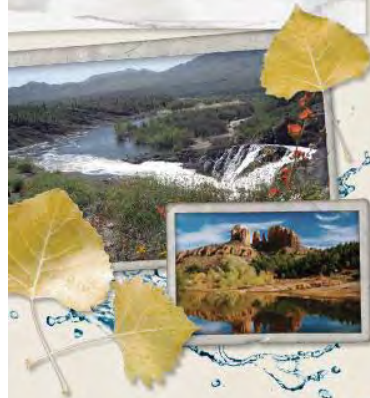
EXPLORE DESIGNATED RIVERS



Choose A State ▾ Go

Choose A River ▾ Go

Hidden canyons, ancient rock formations, millennia of human use, rivers are the very focus of life in the Southwest.



Chihuahuan Desert as it flows through some of the most critical wildlife habitat in the country.



[NATIONWIDE RIVERS INVENTORY](#) | [CONTACT US](#) | [PRIVACY NOTICE](#) | [Q & A SEARCH ENGINE](#) | [SITE MAP](#)



Designated Rivers

[About WSR Act](#)
[State Listings](#)
[Profile Pages](#)

National System

[WSR Table](#)
[Study Rivers](#)
[Stewardship](#)
[WSR Legislation](#)

River Management

[Council](#)
[Agencies](#)
[Management Plans](#)
[River Mgt. Society](#)
[GIS Mapping](#)

Resources



[Q & A Search](#)
[Bibliography](#)
[Publications](#)
[GIS Mapping](#)
[Logo & Sign Standards](#)

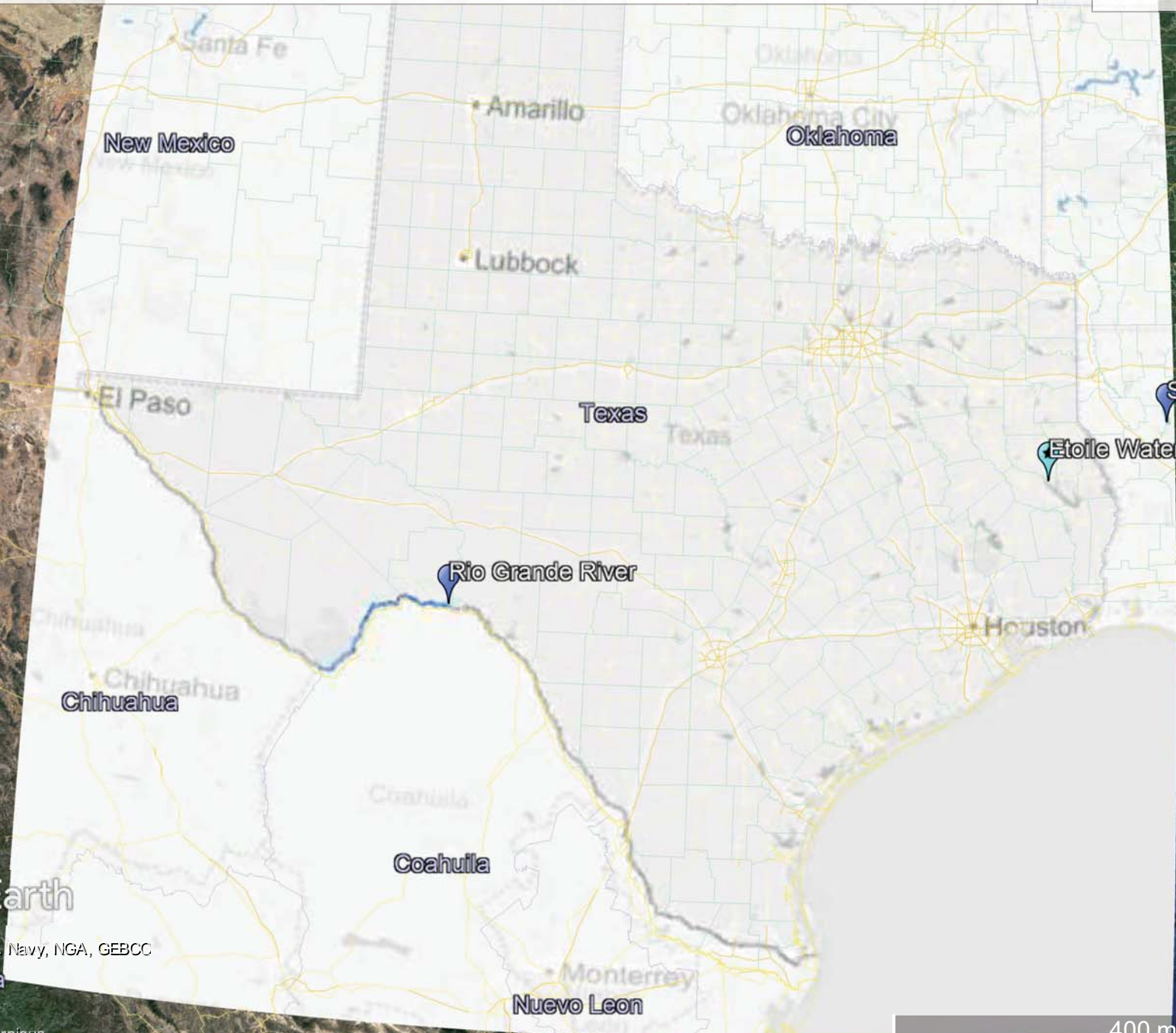
Wild & Scenic River - Nacogdoches Co. 7219300 - Water

The Etoile Water Plant in Nacogdoches Co. is located approximately 451 miles East of Texas' only designated Wild & Scenic River - the Rio Grande, and 96 miles West of Saline Bayou in Louisiana.

Missouri

Legend

-  Etoile Water Plant #3
-  Wild & Scenic River



Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2020 Google
© 2020 INEGI
Image Landsat 7 Copernicus



Nationwide Rivers Inventory

This is a listing of more than 3,200 free-flowing river segments in the U.S. that are believed to possess one or more "outstandingly remarkable" values.



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[Home \(https://www.nps.gov/\)](https://www.nps.gov/) | [Frequently Asked Questions \(https://www.nps.gov/faqs.htm\)](https://www.nps.gov/faqs.htm) | [Website Policies \(https://www.nps.gov/aboutus/website-policies.htm\)](https://www.nps.gov/aboutus/website-policies.htm) | [Contact Us \(https://www.nps.gov/contacts.htm\)](https://www.nps.gov/contacts.htm)

<https://www.nps.gov/maps/full.html?mapId=8adbe798-0d7e-40fb-bd48-225513d64977>

NRI Map - Nacogdoches 7219300 - Water - Etoile WSC Plant #3

The below map contains a layer taken from www.nps.gov showing there are no NRI or Study Rivers in the vicinity of the Etoile WSC Plant #3 - Nacogdoches County.

Legend

-  Etoile Water Plant #3



Google Earth

© 2020 Google

1 mi

Environmental Justice (CEST and EA)

General requirements	Legislation	Regulation
Determine if the project creates adverse environmental impacts upon a low-income or minority community. If it does, engage the community in meaningful participation about mitigating the impacts or move the project.	Executive Order 12898	
References		
https://www.hudexchange.info/environmental-review/environmental-justice		

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

1. Were any adverse environmental impacts identified in any other compliance review portion of this project’s total environmental review?

Yes → *Continue to Question 2.*

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Were these adverse environmental impacts disproportionately high for low-income and/or minority communities?

Yes

Explain:

→ *Continue to Question 3. Provide any supporting documentation.*

No

Explain:

→ *Continue to the Worksheet Summary and provide any supporting documentation.*

- 3. All adverse impacts should be mitigated. Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.**

Mitigation as follows will be implemented:

→ Continue to Question 4.

No mitigation is necessary.

Explain why mitigation will not be made here:

→ Continue to Question 4.

- 4. Describe how the affected low-income or minority community was engaged or meaningfully involved in the decision on what mitigation actions, if any, will be taken.**

→ Continue to the Worksheet Summary and provide any supporting documentation.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

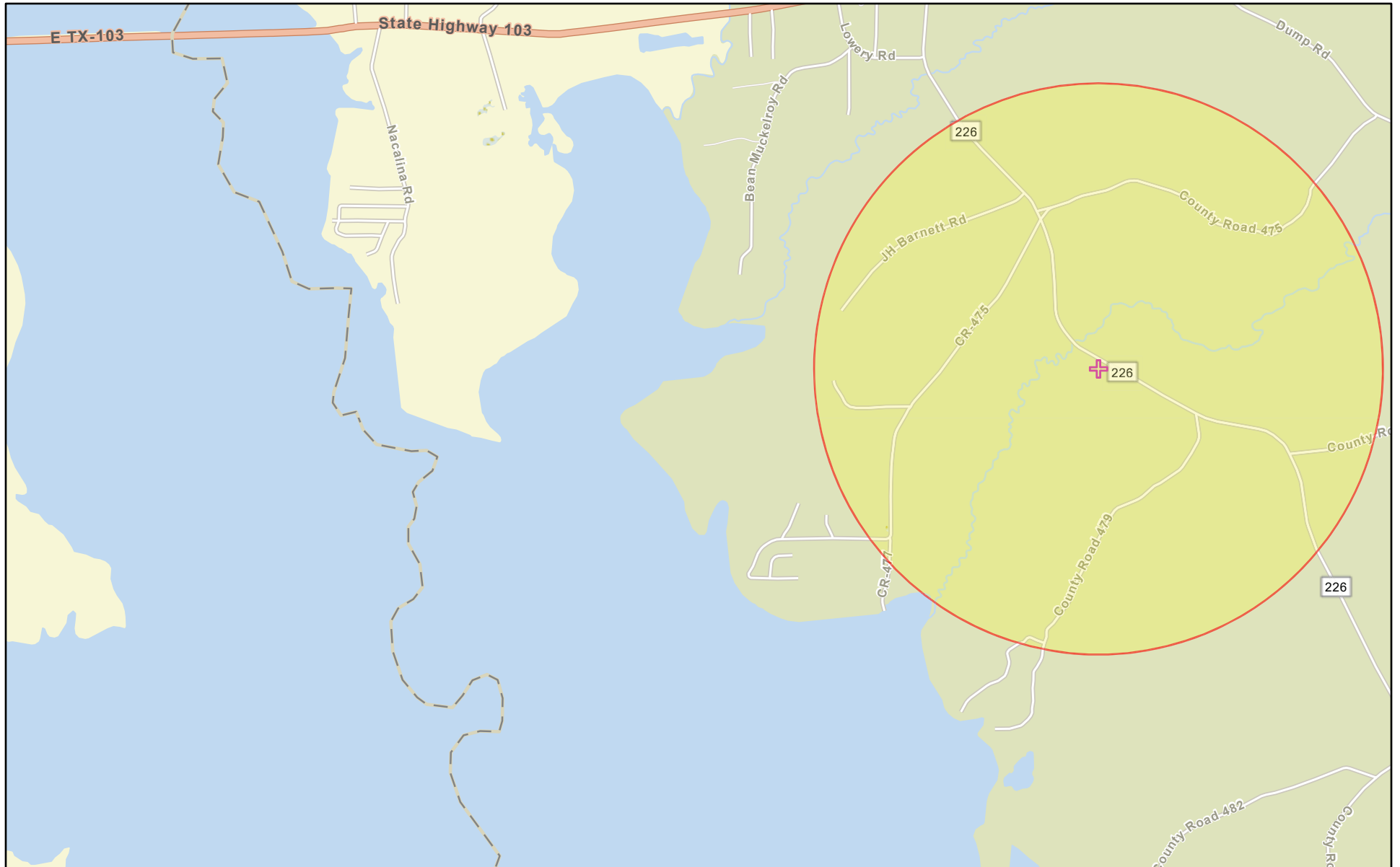
The project will facilitate improvements to the existing Etoile WSC #3 Plant site and will reduce contaminants and improve water quality. The cumulative effect of the project will be beneficial to approximately 1,008 individuals dependent on the plant for water services.

See project description along with maps and data taken from <https://ejscreen.epa.gov/mapper/>

Are formal compliance steps or mitigation required?

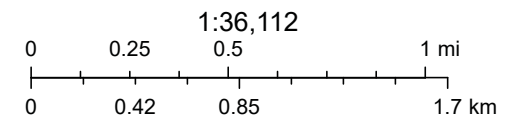
- Yes
- No

Etoile WSC 3 Plant - EJ Map



April 13, 2020

✚ Search Result (point)



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



Location: User-specified point center at 31.356122, -94.416314

Ring (buffer): 1-miles radius

Description:

Summary of ACS Estimates		2013 - 2017
Population		0
Population Density (per sq. mile)		0
Minority Population		0
% Minority		0%
Households		0
Housing Units		0
Housing Units Built Before 1950		0
Per Capita Income		22,463
Land Area (sq. miles) (Source: SF1)		0.00
% Land Area		81%
Water Area (sq. miles) (Source: SF1)		0.00
% Water Area		19%

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	0	0%	293
Population Reporting One Race	0	0%	462
White	0	0%	250
Black	0	0%	150
American Indian	0	0%	23
Asian	0	0%	13
Pacific Islander	0	0%	13
Some Other Race	0	0%	13
Population Reporting Two or More Races	0	0%	62
Total Hispanic Population	0	0%	91
Total Non-Hispanic Population	0		
White Alone	0	0%	237
Black Alone	0	0%	91
American Indian Alone	0	0%	19
Non-Hispanic Asian Alone	0	0%	13
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	0	0%	62
Population by Sex			
Male	0	0%	166
Female	0	0%	156
Population by Age			
Age 0-4	0	0%	55
Age 0-17	0	0%	107
Age 18+	0	0%	172
Age 65+	0	0%	84

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2013 - 2017



Location: User-specified point center at 31.356122, -94.416314

Ring (buffer): 1-miles radius

Description:

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	0	0%	180
Less than 9th Grade	0	0%	30
9th - 12th Grade, No Diploma	0	0%	68
High School Graduate	0	0%	93
Some College, No Degree	0	0%	86
Associate Degree	0	0%	45
Bachelor's Degree or more	0	0%	59
Population Age 5+ Years by Ability to Speak English			
Total	0	0%	267
Speak only English	0	0%	254
Non-English at Home ¹⁺²⁺³⁺⁴	0	0%	43
¹ Speak English "very well"	0	0%	38
² Speak English "well"	0	0%	23
³ Speak English "not well"	0	0%	14
⁴ Speak English "not at all"	0	0%	13
³⁺⁴ Speak English "less than well"	0	0%	14
²⁺³⁺⁴ Speak English "less than very well"	0	0%	24
Linguistically Isolated Households*			
Total	0	0%	16
Speak Spanish	0	0%	9
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
Households by Household Income			
Household Income Base	0	0%	92
< \$15,000	0	0%	49
\$15,000 - \$25,000	0	0%	41
\$25,000 - \$50,000	0	0%	65
\$50,000 - \$75,000	0	0%	43
\$75,000 +	0	0%	61
Occupied Housing Units by Tenure			
Total	0	0%	92
Owner Occupied	0	0%	93
Renter Occupied	0	0%	33
Employed Population Age 16+ Years			
Total	0	0%	215
In Labor Force	0	0%	163
Civilian Unemployed in Labor Force	0	0%	44
Not In Labor Force	0	0%	138

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.



Location: User-specified point center at 31.356122, -94.416314

Ring (buffer): 1-miles radius

Description:

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2013 - 2017.

*Population by Language Spoken at Home is available at the census tract summary level and up.