

APPENDIX A - Comments and Responses



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue South
St. Petersburg, Florida 33701-5505
<https://www.fisheries.noaa.gov/region/southeast>

06/09/2022

F:SER/BR

Chad Kacir
USDA - Natural Resources Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Attention: Kirk Garber

Re: Lower Vermillion River Watershed Project (LVRWP) Plan Cooperating Agency Request

Dear Mr. Kacir:

NOAA's National Marine Fisheries Service (NMFS) received your letter dated April 27, 2022, requesting our participation as a cooperating agency in the development of an Environmental Assessment for the Lower Vermillion River Watershed Project. Given our special expertise and jurisdiction by law under the Magnuson-Stevens Fishery Conservation and Management Act, NMFS agrees to serve as a cooperating agency for this project. Due to staffing constraints, our participation may be limited to teleconferences and reviewing National Environmental Policy Act documents.

We appreciate your invitation to serve as a cooperating agency for this project. Please direct project-related correspondences to Ms. January Murray (january.murray@noaa.gov).

Sincerely,

for Andrew J. Strelcheck
Regional Administrator

Enclosure

cc: F/SER, Strelcheck, Amendola, Blough, Silverman, Rosegger
F/SER3, Bernhart, Shotts, Reece, Engleby
F/SER4, Fay, Swafford, Murray, Rixner



Title	Name	Reviewer to Author: Take Action Below	Initial <i>(signifies clearance)</i> and Date
HCD Biologist	January Murray	3	JM
			5/25/2022
HCD Gulf Branch Chief	Rusty Swafford	2	RS
			05/31/2022
HCD ARA	Virginia Fay	2	6/1/22
			VMF
NEPA Coordinator	Noah Silverman	2	NLS
			06/1/22
Administrative Support	Richard Fickley	2	HRF
			6/8/2022
Deputy Regional Administrator	Kim Amendola	1, 2	KBA
			6/9/22
Regional Administrator	Andrew Strelcheck		
Action Items			
1. Approval/Signature 2. Clearance/Initials 3. Recommendation or comment, don't need to see again 4. Address comments/edits and return to me 5. Circulate among staff			

December 11, 2024

Jenee Dansdill
Environmental Scientist
Bluewing Civil Consulting, LLC

RE: Formal Request for Consultation on the Lower Vermilion River Watershed Plan-
Environmental Assessment (PL-566)

Dear Ms Dansdill:

Consultation was undertaken pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. 300000) and its implementing regulation *Protection of Historic Properties* (36 CFR 800). Bluewing Civil Consulting has made a reasonable and good faith effort to determine if historic properties would be affected by this undertaking (36 CFR 800.4(b)(1)). Cultural Resources background research completed by the University of Louisiana, Lafayette determined that no cultural resources (archaeological sites) are located within or adjacent to the APE. This review also determined that no cultural resources surveys have been conducted that encompasses either all or part of the APE.

The NRCS initiated Section 106 consultation with the Louisiana State Historic Preservation Officer (SHPO) and the Tribal Historic Preservation Officers (THPOs) of federally recognized Indian tribes that have declared an Area of Interest (AOI) in the State of Louisiana that encompasses the project's APE [54 U.S.C. 302706; 36 CFR 800.2(c)(1), 800.2(c)2(ii), 800.3(a)] on June 17, 2020. Federally recognized Indian Tribes with an AOI that encompassed the APE include the Chitimacha Tribe of Louisiana, Coushatta Tribe of Louisiana, Jena Band of Choctaw Indians, and the Tunica-Biloxi Tribe of Louisiana. Documentation sent to the Louisiana SHPO and THPOs included a two-page letter, a project description, detailed maps of Alternatives 2 and 3, project maps, and ULL Cultural Resource Assessment (36 CFR 800.11). The NRCS also submitted a preliminary determination for review and comment that the planned project would not adversely affect any historic properties and requested that the project be allowed to proceed without any additional cultural resources investigations.

The Louisiana SHPO acknowledge receipt of the Section 106 documentation on June 17, 2020 and concurred with the preliminary determination that no historic properties would be adversely affected by this undertaking and the project could proceed as planned on July 17, 2020. The NRCS did not received any correspondence from the federally recognized Indian tribes consulted within or after the 30-calendar day review period that ended on July 17, 2020.



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Sincerely,

Dr. Aubra L. Lee

Aubra L. Lee Ph.D.
State Cultural Resources Specialist/Tribal Liaison
USDA-NRCS
3737 Government Street
Alexandria, LA 71302
Office Phone: 318-473-7822
Email: aubra.lee@usda.gov

June 17, 2020

Kimberly S. Walden, M.Ed.
Tribal Historic Preservation Officer
Chitimacha Tribe of Louisiana
P.O. Box 661
Charenton, LA 70523

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Ms. Walden,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the Chitimacha Tribe of Louisiana and the LA State Historic Preservation Officer.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

June 17, 2020

Linda Langley, Ph.D.
Tribal Historic Preservation Officer
Coushatta Tribe of Louisiana
P.O. Box 10
Elton, LA 70532

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Dr. Langley,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the Coushatta Tribe of Louisiana and the LA State Historic Preservation Officer.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

June 17, 2020

Alina J. Shively
Jena Band of Choctaw Indians
Tribal Historic Preservation Officer
P.O. Box 14
Jena, LA 71342

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Ms. Shively,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the Jena Band of Choctaw Indians and the LA State Historic Preservation Officer.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

June 17, 2020

Kristen Sanders
State Historic Preservation Officer
Louisiana Office of Cultural Development
Louisiana Department of Culture, Recreation, and Tourism
P.O. Box 44247
Baton Rouge, LA 70804-4247

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Ms. Sanders,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the LA State Historic Preservation Officer and federally recognized Indian Tribes that have declared an Area of Interest that encompasses all or part of the APE.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

From: [DCRT Section 106](#)
To: [Lee, Aubra - NRCS, Alexandria, LA](#)
Subject: RE: Section 106 Review, Lower Vermilion River Watershed Project, Vermilion Parish
Date: Wednesday, June 17, 2020 10:24:18 AM

This serves as your notice that the SHPO received your submission. The National Historic Preservation Act allows the SHPO 30 days, from date of receipt, to process and respond to your request. Any submission received on a State holiday or after 5:00 pm Monday - Friday will be considered received the following business day.

We are no longer able to offer expedited reviews unless a previous legal agreement is in place and please allow two weeks from submission before project status inquiries are made. Thank you for your cooperation.

For inquiries on project status call (225) 342-8170 and ask for Section 106 staff.

June 17, 2020

Kristen Sanders
State Historic Preservation Officer
Louisiana Office of Cultural Development
Louisiana Department of Culture, Recreation, and Tourism
P.O. Box 44247
Baton Rouge, LA 70804-4247

The proposed undertaking will have no adverse effect on historic properties. Therefore, our office has no objection to the implementation of this project. This effect determination could change should new information come to our attention.



Kristin P. Sanders Deputy
State Historic Preservation Officer

Date: 07/17/2020

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Ms. Sanders,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the LA State Historic Preservation Officer and federally recognized Indian Tribes that have declared an Area of Interest that encompasses all or part of the APE.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

June 17, 2020

Earl J. Barbry, Jr.
Tribal Historic Preservation Officer
Tunica-Biloxi Tribe of Louisiana
P.O. Box 1589
Marksville, LA 71351

Subject: Lower Vermilion Watershed Project, NHPA Section 106 Consultation

Dear Mr. Barbry,

Bluewing Civil Consulting is developing the Lower Vermilion River Watershed project on behalf of the Vermilion Soil and Water Conservation District (VSWCD), and in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry, and the USDA Natural Resources Conservation Service.

Please see the attached project description, with maps of the proposed alternatives. The preferred alternative involves installation of two water control structures, on Hebert Canal and the Vermilion Parish School Board property, restoration of the existing water control structure on Meaux's Ditch, elevation of the northern bank of the Intracoastal Waterway for approximately 0.5 mile, canal bank and bottom enhancements as needed, and rehabilitation of the perimeter levee system on the eastern, southern, and western project area boundaries. A Cultural Resources Assessment of the APE has been conducted by Dr. Mark Rees, University of Louisiana Lafayette. This assessment has determined that no cultural resources and/or historic properties will be adversely affected by the planned project activities.

Dr. Aubra "Butch" Lee, NRCS State Archaeologists, has reviewed all available project information and concurs with the determination that the described planned work will not adversely affect any cultural resources and/or historic properties within the APE. If any changes are made to the above-described work as project design progresses, NRCS will provide revised information and update this consultation pursuant to Section 106 of the NHPA. In the event any potential cultural resource materials or sites are discovered during any phase of project work, work will immediately stop and NRCS will conduct the required coordination with the Tunica-Biloxi Tribe of Louisiana and the LA State Historic Preservation Officer.

Please review and advise NRCS if you concur with this preliminary determination that the Lower Vermilion Watershed project would not adversely affect any significant cultural resources. Please direct all questions or responses regarding this matter to me at 3737 Government Street, Alexandria, LA 71302 or by return email to aubra.lee@usda.gov within 30 days. When responding please refer to the Section 106 cultural resources review for the Lower Vermilion Watershed Project. Your prompt reply to this request would be greatly appreciated. Thank you very much for your assistance with this cultural resource consultation effort.



Natural Resources Conservation Service
State Office
3737 Government Street
Alexandria, Louisiana 71302
Voice: (318) 473-7751 Fax: (844) 325-6947

Helping People Help the Land

Respectfully,

Aubra L. "Butch" Lee

Aubra L. "Butch" Lee, Ph.D.
State Archaeologist/Tribal Liaison
USDA-NRCS

TECHE-VERMILION FRESH WATER DISTRICT

Edward L. Sonnier
Chairman
Lafayette Parish

315 SOUTH COLLEGE ROAD - SUITE 110
LAFAYETTE, LOUISIANA 70503

Donald P. Segura
Vice Chairman
Iberia Parish

PHONE: 337-233-6902 FAX: 337-233-6941
WATERDISTRICT@AOL.COM

Ralph Libersat
Secretary-Treasurer
Vermilion Parish

July 27, 2020

Tommy Thibodeaux
Commissioner
St. Martin Parish

Mr. Christian Richard
Vermilion Soil and Water Conservation District
3221 Veterans Memorial Drive Suite H
Abbeville, LA 70510

Bradley Grimmer
Advisory Commissioner
St. Landry Parish


Donald F. Sagrera
Executive Director

Dear Mr. Richard,

Teche-Vermilion Fresh Water District (TVFWD) received your letter concerning the Lower Vermilion River Watershed Plan. Our Vermilion Parish Commissioner, Ralph Libersat and I have attended presentations concerning the Plan. The plan was discussed at the TVFWD's monthly meeting on July 27, 2020. Following the discussion, a motion was made by Commissioner Ralph Libersat and seconded by Commissioner Tommy Thibodeaux to support the Plan. The motion passed unanimously.

The TVFWD Board agrees that this project will extend the benefits of the fresh water supply from the Vermilion River to more area in lower Vermilion Parish. It will complement the already extremely beneficial Seventh Ward Canal Watershed Project. The TVFWD Commissioners also realize that fresh water is crucial to the economy of this historic agriculture and aquaculture dependent community. Additionally, introducing fresh water into the area will benefit the health and preservation of adjacent fresh water marshes. In the past, fresh water from the Vermilion River has been effective in flushing salt water storm surges from the vicinity and this project will make this possibility more efficient. The Teche-Vermilion Board wishes to thank Vermilion Soil and Water Conservation District for all of your efforts in conserving our resources for both our current and future generations. Please let us know if you need additional input.

Yours truly,


Donald Sagrera, Executive Director
Teche-Vermilion Fresh Water District



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Louisiana Ecological Services Field Office
200 Dulles Drive
Lafayette, LA 70506
Phone: (337) 291-3100 Fax: (337) 291-3139



In Reply Refer To:

12/11/2024 22:25:47 UTC

Project code: 2025-0024885

Project Name: Lower Vermilion River Watershed Project Plan-EA

Federal Nexus: no

Federal Action Agency (if applicable): Louisiana Department of Natural Resources

Subject: Record of project representative's no effect determination for 'Lower Vermilion River Watershed Project Plan-EA'

Dear Jenee Dansdill:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on December 11, 2024, for 'Lower Vermilion River Watershed Project Plan-EA' (here forward, Project). This project has been assigned Project Code 2025-0024885 and all future correspondence should clearly reference this number. **Please carefully review this letter.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the **Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (Dkey)**, invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.***

Determination for the Northern Long-Eared Bat and/or Tricolored Bat

Based upon your IPaC submission and a standing analysis, your project has reached the following effect determinations:

Species	Listing Status	Determination
---------	----------------	---------------

Tricolored Bat (*Perimyotis subflavus*)Proposed
Endangered

No effect

Federal agencies must consult with U.S. Fish and Wildlife Service under section 7(a)(2) of the Endangered Species Act (ESA) when an action *may affect* a listed species. Tricolored bat is proposed for listing as endangered under the ESA, but not yet listed. For actions that may affect a proposed species, agencies cannot consult, but they can *confer* under the authority of section 7(a)(4) of the ESA. Such conferences can follow the procedures for a consultation and be adopted as such if and when the proposed species is listed. Should the tricolored bat be listed, agencies must review projects that are not yet complete, or projects with ongoing effects within the tricolored bat range that previously received a NE or NLAA determination from the key to confirm that the determination is still accurate.

To make a no effect determination, the full scope of the proposed project implementation (action) should not have any effects (either positive or negative), to a federally listed species or designated critical habitat. Effects of the action are all consequences to listed species or critical habitat that are caused by the proposed action, including the consequences of other activities that are caused by the proposed action. A consequence is caused by the proposed action if it would not occur but for the proposed action and it is reasonably certain to occur. Effects of the action may occur later in time and may include consequences occurring outside the immediate area involved in the action. (See § 402.17).

Under Section 7 of the ESA, if a federal action agency makes a no effect determination, no consultation with the Service is required (ESA §7). If a proposed Federal action may affect a listed species or designated critical habitat, formal consultation is required except when the Service concurs, in writing, that a proposed action "is not likely to adversely affect" listed species or designated critical habitat [50 CFR §402.02, 50 CFR§402.13].

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Alligator Snapping Turtle *Macrochelys temminckii* Proposed Threatened
- Eastern Black Rail *Laterallus jamaicensis ssp. jamaicensis* Threatened
- Monarch Butterfly *Danaus plexippus* Candidate
- West Indian Manatee *Trichechus manatus* Threatened
- Whooping Crane *Grus americana* Experimental Population, Non-Essential

You may coordinate with our Office to determine whether the Action may affect the animal species listed above and, if so, how they may be affected.

Next Steps

If there are no updates on listed species, no further consultation/coordination for this project is required with respect to the species covered by this key. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional coordination with the Service should take place to ensure compliance with the Act.

If you have any questions regarding this letter or need further assistance, please contact the Louisiana Ecological Services Field Office and reference Project Code 2025-0024885 associated with this Project.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Lower Vermilion River Watershed Project Plan-EA

2. Description

The following description was provided for the project 'Lower Vermilion River Watershed Project Plan-EA':

The LVRWP will primarily affect approximately acres in south-central Vermilion Parish between the towns of Esther and Intracoastal City, Louisiana. The purpose of the plan is to reduce the threat of saline storm surge and prevent flood related damages to infrastructure, crops, livestock, local industries, residents and landowners. Pursuant to the National Environmental Policy Act, NRCS is preparing an Environmental Assessment to evaluate potential effects associated with implementation of the LVRWP. Of an initial six alternatives investigated, Alternatives 2 and 3 have been selected for detailed study. The preferred alternative, Alternative 2, involves installation of water control structures on Hebert Canal, Meaux's Ditch and an unnamed Canal, and increased revetments along approximately 0.5 mile of Hwy 333 and the Gulf Intracoastal Waterway. Additional details and Scoping Webinar video of the project can be found on at www.lvrwp.com

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@29.83444165,-92.16178647729514,14z>



DETERMINATION KEY RESULT

Based on the information you provided, you have determined that the Proposed Action will have no effect on the species covered by this determination key. Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for those species.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species?

Note: Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

Yes

3. Your project overlaps with Zone 2 of the area where northern long-eared bats and tricolored bats may be present and roosting in trees year-round.

Do you understand that your project may impact bats at any time during the year?

Yes

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

Note: For federal actions, answer 'yes' if the construction or operation of wind power facilities is either (1) part of the federal action or (2) would not occur but for a federal agency action (federal permit, funding, etc.).

No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

No

6. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

7. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

No

8. Will the action cause effects to a bridge?

Note: Covered bridges should be considered as bridges in this question.

No

9. Will the action result in effects to a culvert or tunnel at any time of year?

No

10. Are trees present within 1000 feet of the action area?

Note: If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

11. Does the action include the intentional exclusion of bats from a building or structure?

Note: Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

No

12. Does the action involve removal, modification, or maintenance of a human-made structure (barn, house, or other building) **known or suspected to contain roosting bats**?

No

13. Will the action cause construction of one or more new roads open to the public?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

14. Will the action include or cause any construction or other activity that is reasonably certain to increase average daily traffic permanently or temporarily on one or more existing roads?

Note: For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.). .

No

15. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

16. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

Note: For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

No

17. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

No

18. Will the action include drilling or blasting?

No

19. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use)?

No

20. Will the proposed action involve the use of herbicides or other pesticides other than herbicides (e.g., fungicides, insecticides, or rodenticides)?

No

21. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season?

Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining.

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

22. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable northern long-eared bat or tricolored bat roosting habitat?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

23. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

Yes

24. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

No

25. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

No

26. Does the project intersect with the 0- 9.9% forest density category?

Automatically answered

Yes

27. Does the project intersect with the 10.0- 19.9% forest density category map?

Automatically answered

Yes

28. Does the project intersect with the 20.0- 29.9% forest density category map?

Automatically answered

Yes

29. Does the project intersect with the 30.0- 100% forest density category map?

Automatically answered

Yes

30. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 0.5 acre in total extent?

No

31. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 5 acres in total extent?

No

32. Will the proposed action result in the use of prescribed fire?

Note: If the prescribed fire action includes other activities than application of fire (e.g., tree cutting, fire line preparation) please consider impacts from those activities within the previous representative questions in the key. This set of questions only considers impacts from flame and smoke.

No

33. Does the action area intersect the tricolored bat species list area?

Automatically answered

Yes

34. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

35. Your project overlaps with an area where tricolored bats may be present and roosting in trees year-round.

Has a presence/probable absence survey for the tricolored bat following the Service's [Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area? If unsure, answer "No."

No

36. Your project overlaps with an area where tricolored bats may be present and roosting in trees year-round.

Is suitable tricolored bat habitat present within 1000 feet of project activities? Note: If there are trees within the action area that may provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pines) answer "Yes." Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

37. Do you have any documents that you want to include with this submission?

No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

.5

IPAC USER CONTACT INFORMATION

Agency: Louisiana Department of Natural Resources

Name: Jenee Dansdill

Address: 604 St. John Street

City: Lafayette

State: LA

Zip: 70501

Email: jenee@bluewingcivil.com

Phone: 3375410568



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Louisiana Ecological Services Field Office
200 Dulles Drive
Lafayette, LA 70506
Phone: (337) 291-3100 Fax: (337) 291-3139



In Reply Refer To:

11/26/2024 21:21:51 UTC

Project Code: 2025-0024885

Project Name: Lower Vermilion River Watershed Project Plan-EA

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

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and candidate species, as well as designated and proposed critical habitat that may occur within the boundary of your proposed project and may be affected by your proposed project. The Fish and Wildlife Service (Service) is providing this list under section 7 (c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.). Changes in this species list may occur due to new information from updated surveys, changes in species habitat, new listed species and other factors. Because of these possible changes, feel free to contact our office (337-291-3109) for more information or assistance regarding impacts to federally listed species. The Service recommends visiting the IPaC site or the Louisiana Ecological Services Field Office website (<https://www.fws.gov/southeast/lafayette>) at regular intervals during project planning and implementation for updated species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the habitats upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of Federal trust resources and to determine whether projects may affect Federally listed species and/or designated critical habitat.

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)).

Bald eagles have recovered and were removed from the List of Endangered and Threatened Species as of August 8, 2007. Although no longer listed, please be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668 et seq.).

The Service developed the National Bald Eagle Management (NBEM) Guidelines to provide landowners, land managers, and others with information and recommendations to minimize potential project impacts to bald eagles, particularly where such impacts may constitute “disturbance”, which is prohibited by the BGEPA. A copy of the NBEM Guidelines is available at: <https://www.fws.gov/migratorybirds/pdf/management/nationalbaldeaglenanagementguidelines.pdf>

Those guidelines recommend: (1) maintaining a specified distance between the activity and the nest (buffer area); (2) maintaining natural areas (preferably forested) between the activity and nest trees (landscape buffers); and (3) avoiding certain activities during the breeding season. Onsite personnel should be informed of the possible presence of nesting bald eagles within the project boundary, and should identify, avoid, and immediately report any such nests to this office. If a bald eagle nest occurs or is discovered within or adjacent to the proposed project area, then an evaluation must be performed to determine whether the project is likely to disturb nesting bald eagles. That evaluation may be conducted on-line at: <https://www.fws.gov/southeast/our-services/eagle-technical-assistance/>. Following completion of the evaluation, that website will provide a determination of whether additional consultation is necessary. The Division of Migratory Birds for the Southeast Region of the Service (phone: 404/679-7051, e-mail: SEmigratorybirds@fws.gov) has the lead role in conducting any necessary consultation.

Activities that involve State-designated scenic streams and/or wetlands are regulated by the Louisiana Department of Wildlife and Fisheries and the U.S. Army Corps of Engineers, respectively. We, therefore, recommend that you contact those agencies to determine their interest in proposed projects in these areas.

Activities that would be located within a National Wildlife Refuge are regulated by the refuge staff. We, therefore, recommend that you contact them to determine their interest in proposed projects in these areas.

Additional information on Federal trust species in Louisiana can be obtained from the Louisiana Ecological Services website at: <https://www.fws.gov/southeast/lafayette>

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
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Marine Mammals

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:

Louisiana Ecological Services Field Office

200 Dulles Drive

Lafayette, LA 70506

(337) 291-3100

PROJECT SUMMARY

Project Code: 2025-0024885

Project Name: Lower Vermilion River Watershed Project Plan-EA

Project Type: Flooding

Project Description: The LVRWP will primarily affect approximately acres in south-central Vermilion Parish between the towns of Esther and Intracoastal City, Louisiana. The purpose of the plan is to reduce the threat of saline storm surge and prevent flood related damages to infrastructure, crops, livestock, local industries, residents and landowners. Pursuant to the National Environmental Policy Act, NRCS is preparing an Environmental Assessment to evaluate potential effects associated with implementation of the LVRWP. Of an initial six alternatives investigated, Alternatives 2 and 3 have been selected for detailed study. The preferred alternative, Alternative 2, involves installation of water control structures on Hebert Canal, Meaux's Ditch and an unnamed Canal, and increased revetments along approximately 0.5 mile of Hwy 333 and the Gulf Intracoastal Waterway. Additional details and Scoping Webinar video of the project can be found on at www.lvrwp.com

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@29.83444165,-92.16178647729514,14z>



Counties: Vermilion County, Louisiana

ENDANGERED SPECIES ACT SPECIES

There is a total of 6 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.

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.

MAMMALS

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered
West Indian Manatee <i>Trichechus manatus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. <i>This species is also protected by the Marine Mammal Protection Act, and may have additional consultation requirements.</i> Species profile: https://ecos.fws.gov/ecp/species/4469	Threatened

BIRDS

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477	Threatened
Whooping Crane <i>Grus americana</i> Population: U.S.A (Southwestern Louisiana) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non- Essential

REPTILES

NAME	STATUS
Alligator Snapping Turtle <i>Macrochelys temminckii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4658	Proposed Threatened

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the ["Supplemental Information on Migratory Birds and Eagles"](#).

-
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
 2. The [Migratory Birds Treaty Act](#) of 1918.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are likely bald eagles present in your project area. For additional information on bald eagles, refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> 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. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper

Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

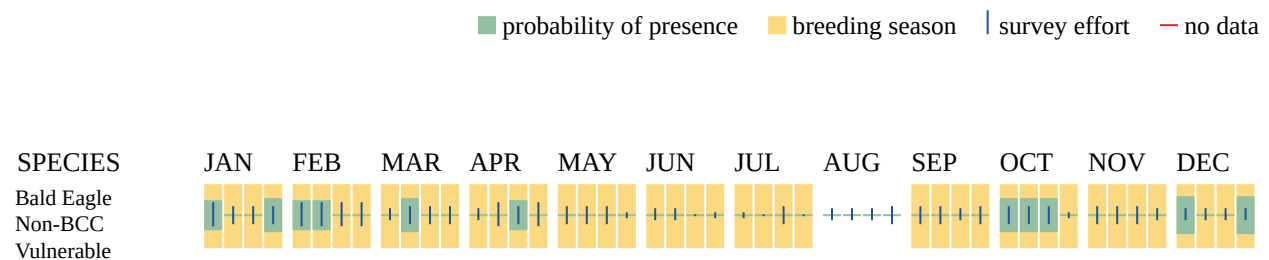
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> 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. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Cerulean Warbler <i>Setophaga cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974	Breeds Apr 25 to Jul 20
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25
Dickcissel <i>Spiza americana</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9453	Breeds May 5 to Aug 31
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10678	Breeds May 1 to Aug 20
Forster's Tern <i>Sterna forsteri</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/11953	Breeds Mar 1 to Aug 15

NAME	BREEDING SEASON
Gull-billed Tern <i>Gelochelidon nilotica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9501	Breeds May 1 to Jul 31
Henslow's Sparrow <i>Centronyx henslowii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3941	Breeds elsewhere
Hudsonian Godwit <i>Limosa haemastica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9482	Breeds elsewhere
Kentucky Warbler <i>Geothlypis formosa</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9443	Breeds Apr 20 to Aug 20
King Rail <i>Rallus elegans</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8936	Breeds May 1 to Sep 5
Le Conte's Sparrow <i>Ammospiza leconteii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9469	Breeds elsewhere
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Little Blue Heron <i>Egretta caerulea</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9477	Breeds Mar 10 to Oct 15
Long-billed Curlew <i>Numenius americanus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/5511	Breeds elsewhere
Marbled Godwit <i>Limosa fedoa</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere

NAME	BREEDING SEASON
Painted Bunting <i>Passerina ciris</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9511	Breeds Apr 25 to Aug 15
Pectoral Sandpiper <i>Calidris melanotos</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9561	Breeds elsewhere
Prairie Loggerhead Shrike <i>Lanius ludovicianus excubitorides</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8833	Breeds Feb 1 to Jul 31
Prairie Warbler <i>Setophaga discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9513	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9439	Breeds Apr 1 to Jul 31
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398	Breeds May 10 to Sep 10
Ruddy Turnstone <i>Arenaria interpres morinella</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/10633	Breeds elsewhere
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9478	Breeds elsewhere
Semipalmated Sandpiper <i>Calidris pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9603	Breeds elsewhere
Short-billed Dowitcher <i>Limnodromus griseus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere

NAME	BREEDING SEASON
Swallow-tailed Kite <i>Elanoides forficatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8938	Breeds Mar 10 to Jun 30
Whimbrel <i>Numenius phaeopus hudsonicus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/11991	Breeds elsewhere
Willet <i>Tringa semipalmata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10669	Breeds Apr 20 to Aug 5
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431	Breeds May 10 to Aug 31
Yellow Rail <i>Coturnicops noveboracensis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9476	Breeds elsewhere

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

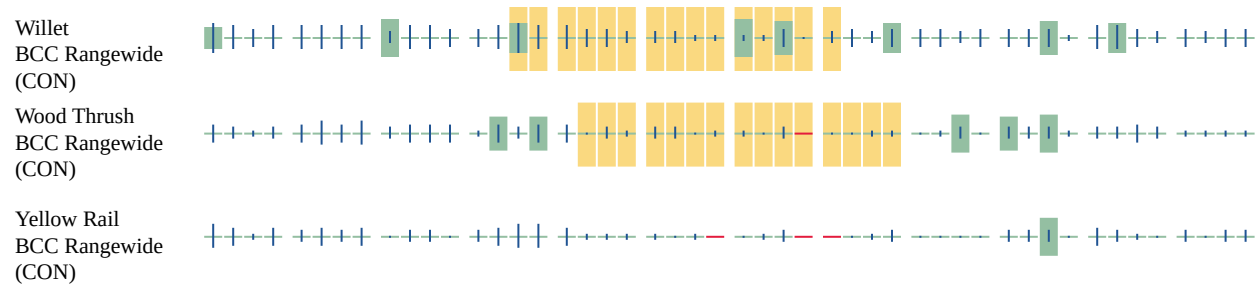
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.







Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

MARINE MAMMALS

Marine mammals are protected under the [Marine Mammal Protection Act](#). Some are also protected under the Endangered Species Act¹ and the Convention on International Trade in Endangered Species of Wild Fauna and Flora².

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walruses, polar bears, manatees, and dugongs] and NOAA Fisheries³ [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the [Marine Mammals](#) page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

-
1. The [Endangered Species Act](#) (ESA) of 1973.
 2. The [Convention on International Trade in Endangered Species of Wild Fauna and Flora](#) (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
 3. [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.

NAME

West Indian Manatee *Trichechus manatus*

Species profile: <https://ecos.fws.gov/ecp/species/4469>

IPAC USER CONTACT INFORMATION

Agency: Vermilion Soil And Water Conservation District/NRCS
Name: Jenee Dansdill
Address: 604 St. John Street
City: Lafayette
State: LA
Zip: 70501
Email: jenee@bluewingcivil.com
Phone: 3375410568

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Louisiana Department of Natural Resources
Name: Kirk Garber
Email: kirk.garber@usda.gov
Phone: 3184737964



Lower Vermilion River Watershed
NRCS Request Letter

November 11, 2023

Mr. Kirk Garber
Assistant State Conservationist/Water Resources
USDA-NRCS
318-473-7756 office
318-613-7988 cell

RE: **Lower Vermilion River Watershed (LVRW) Draft Plan-EA**

Dear Kirk,

We have received the NWMC comments (received via email 12-27-2021) regarding the page limit (75) for the Lower Vermilion River Watershed Plan – EA. Unfortunately, due to the scope of the project and the additional information required we were unable to shorten the document to under 75 pages. We would like to request a page limit extension to include 100 additional pages for this report.

If you have any questions or comments please contact me at 337.541.0568 or jenee@bluewingcivil.com

Sincerely,

A handwritten signature in blue ink that reads "Jenee Dansdill". The signature is written in a cursive, flowing style.

Jenee Dansdill
Environmental Scientist
BLUEWING CIVIL CONSULTING

APPENDIX B - Project Maps



Vermilion Soil & Water Conservation District
Agency Consultation Request

Brigette Firmin
Field Supervisor
Louisiana Ecological Services
U.S Fish and Wildlife Service
200 Dulles Drive
Lafayette, Louisiana 70506

***Re: Formal Request for Consultation on the Lower Vermilion River Watershed Plan-
Environmental Assessment (PL-566)***

Dear Mrs. Firmin,

The Vermilion Soil and Water Conservation District (VSWCD), in partnership with the Vermilion Parish Police Jury, the Vermilion Parish 7th Ward Gravity Drainage District, Louisiana Department of Agriculture & Forestry have requested PL-566 funding to study and implement a watershed management plan in the Lower Vermilion River Watershed. The VSWCD has contracted with Bluewing Civil Consulting, LLC (BWC) to develop the Lower Vermilion River Watershed Project (LVRWP) Plan-Environmental Assessment (Plan-EA). As administrator to PL-566 funding, the USDA Natural Resources Conservation Service (NRCS) hereby requests your review and comment on the LVRWP relevant to USFWS trust resources.

The LVRWP will primarily affect approximately twelve acres in south-central Vermilion Parish between the towns of Esther and Intracoastal City, Louisiana. The purpose of the plan is to reduce the threat of saline storm surge and prevent flood related damages to infrastructure, crops, livestock, local industries, residents and landowners. Pursuant to the National Environmental Policy Act, NRCS is preparing an Environmental Assessment to evaluate potential effects associated with implementation of the LVRWP. Three Alternatives were investigated and have been selected for detailed study. Alternative 1 is no action. The preferred alternative, Alternative 2, involves the installation of water control structures on Hebert Canal, Meaux's Ditch and an unnamed Canal, and increased revetments along approximately 0.5 mile of Hwy 333 and the Gulf Intracoastal Waterway. Alternative 3 is similar but with 2 structures and approximately 11 miles of Levee improvements. Additional details and scoping webinar video of the project can be found on at www.lvrwp.com

Preliminary assessments of threatened and endangered species, bald eagles, migratory birds, and fisheries have been conducted by BWC biologists. The U. S. Fish and Wildlife Service Information for Planning and Consultation (IPaC) database generated a Consistency Letter indicating a "may affect - not likely to adversely affect" determination for the threatened West Indian manatee (*Trichechus manatus*). Field investigations conducted during July of 2020 indicate potential impacts to nesting habitat for migratory birds. No bald eagle nests occur in the vicinity of the project area. A preliminary fisheries study indicates the project may affect – but not likely to adversely affect fisheries habitat access into the project area, due to the



Vermilion Soil & Water Conservation District
Agency Consultation Request

implementation of the Operations Plan. An Operation Plan is provided, in the Plan-EA, in order to minimize impacts to fisheries (see attached). A Section 404 Clean Water Act permit will be required for project activities that will impact jurisdictional wetlands.

For your review, please find attached:

- LVRWP Plan-EA Project Overview
- LVRWP PPT Project Alternatives (includes exhibits)
- USFWS IPaC Consistency Letter
- USFWS Species List dated November 26, 2024
- LVRWP Operations Plan

Please review the attached information and provide USFWS comments and recommendations regarding the proposed LVRWP relevant to trust resources. For additional information, please contact Jenee Dansdill at jenee@bluewingcivil.com # 337-541-0568 or Kirk Garber (NRCS LA) at kirk.garber@usda.gov # 318-473-7964.

Sincerely,

Jenee Dansdill
Environmental Scientist
Bluewing Civil Consulting, LLC



Lower Vermilion River Watershed Project Map



Miller Island Canal

Little Bayou-Vermilion River

Little Bayou

Hebert Canal

Meaux's Ditch

Unnamed Canal

Vermilion River

Vermilion River-Frontal Intracoastal Waterway

Intracoastal Waterway

Freshwater Bayou Canal

Schooner Bayou Canal

Schooner Bayou

MAP SYMBOLOLOGY



HUC12 Watershed



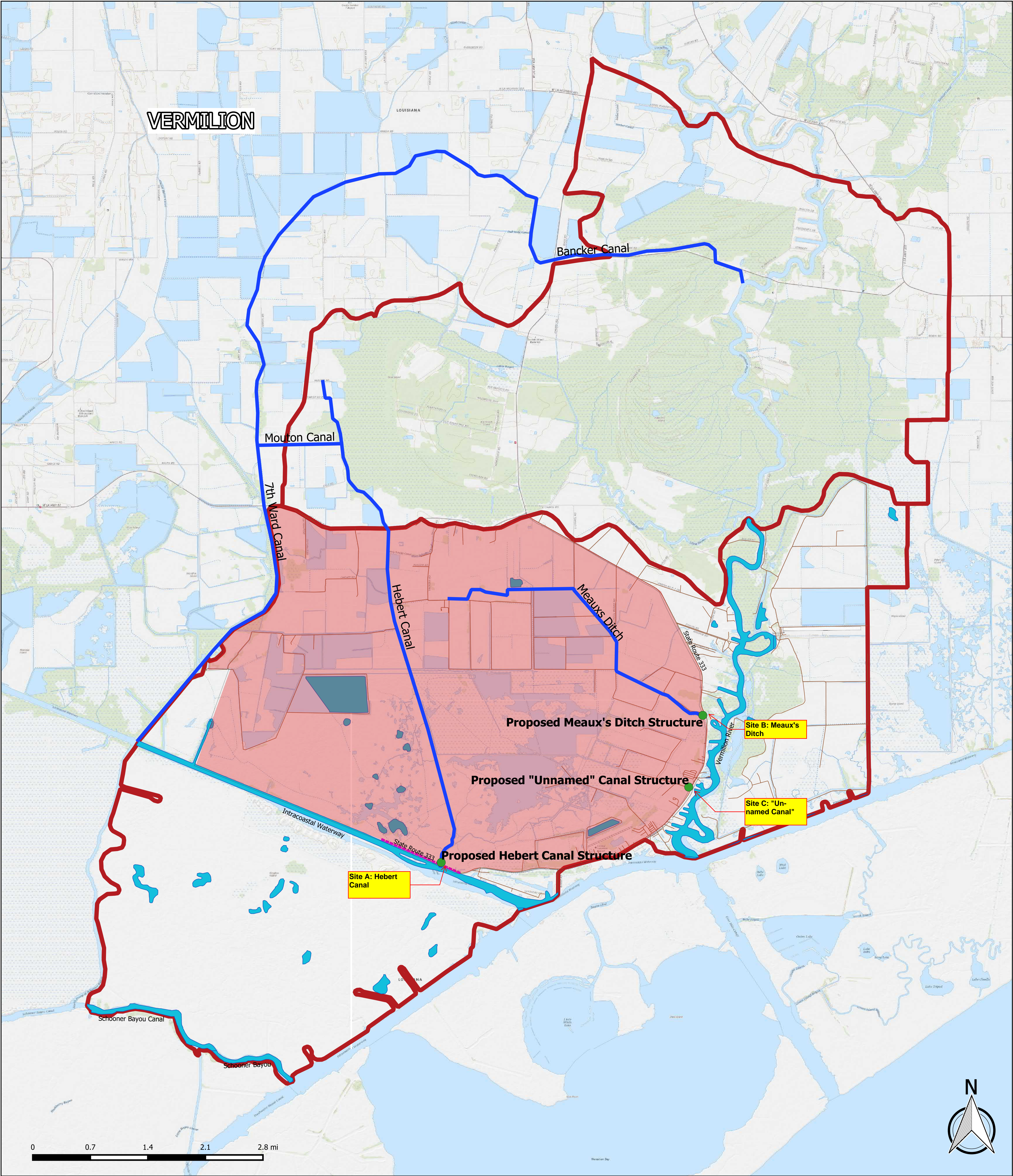
Waterbodies

0 2 4 6 mi

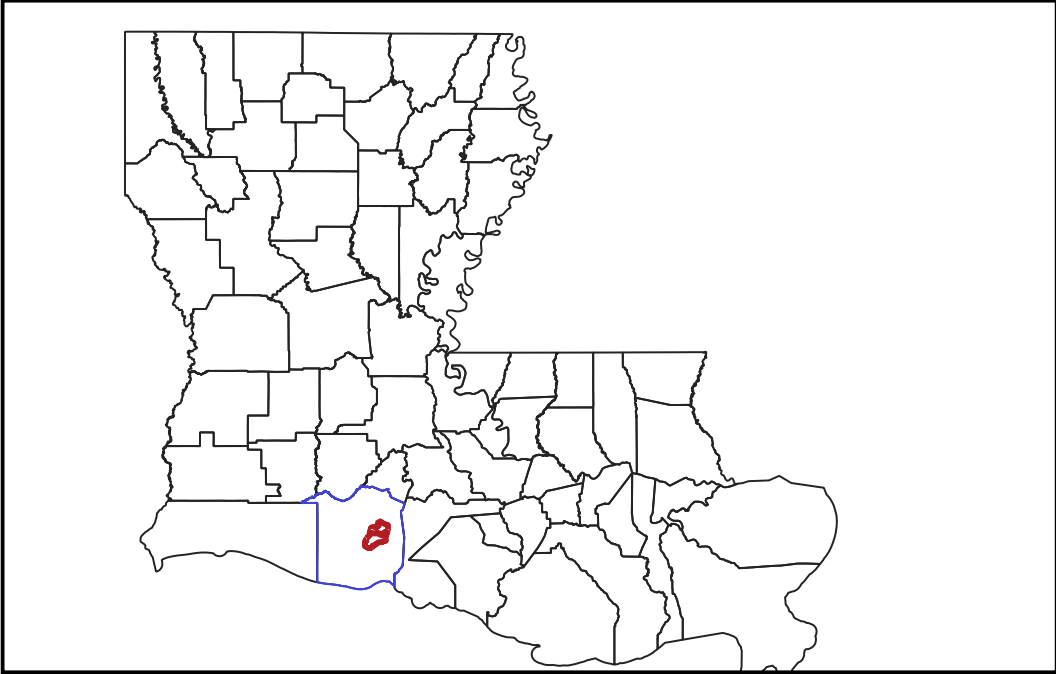
APPENDIX C - Supporting Maps

Lower Vermilion River Watershed Project

Alternative 2



WATERSHED LOCATOR



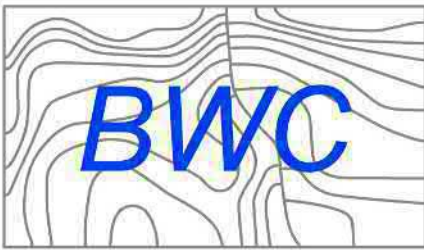
MAP SYMBOLOGY

- | | |
|--------------------------|------------------------|
| HUC12 Watershed Boundary | Primary Roads |
| Proposed Structure | Waterbodies |
| Hebert Canal | Approx. Protected Area |
| Meaux's Ditch | GIWW_Levee |

Lower Vermilion River Watershed

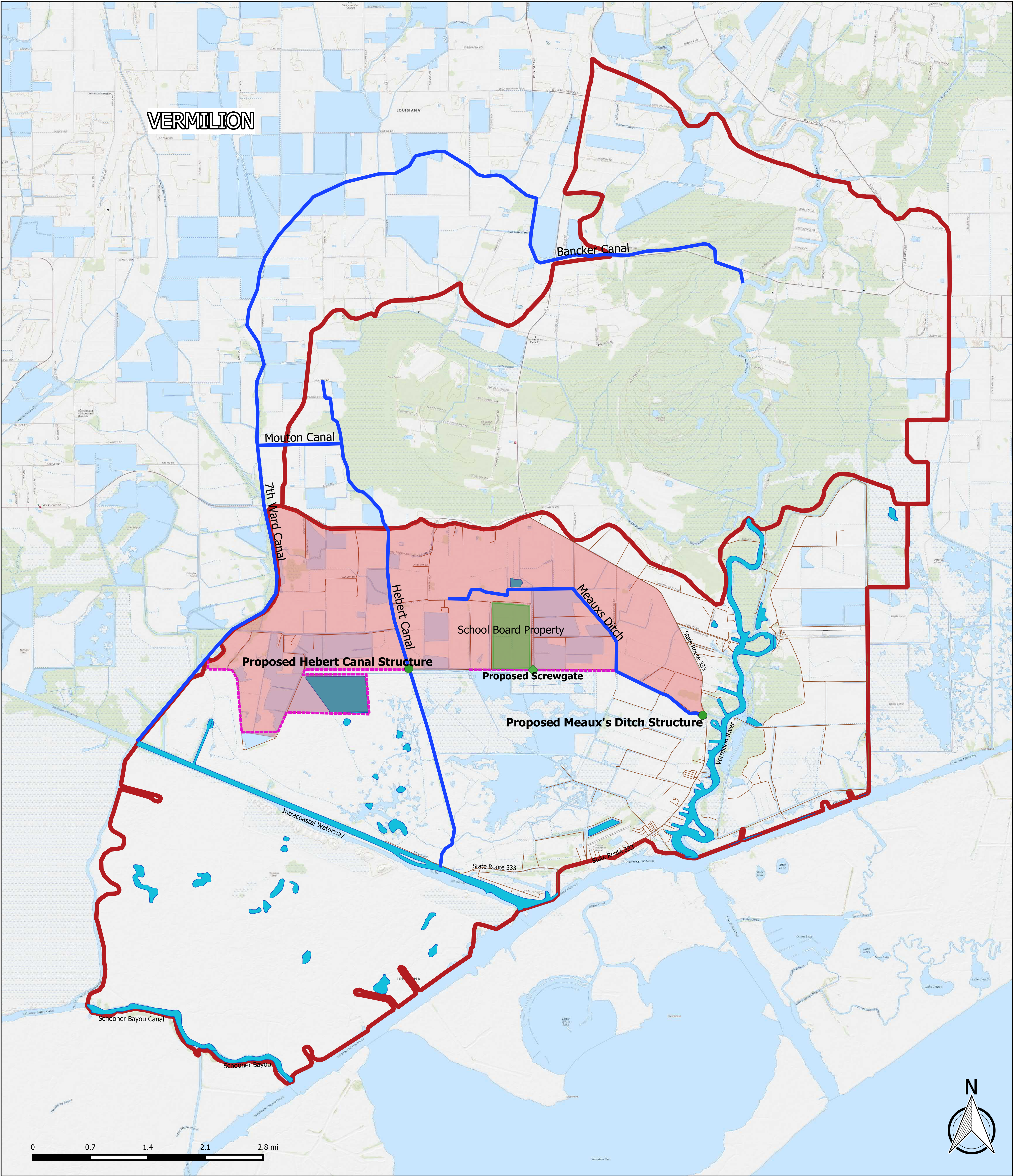
HUC -12
080801030203
080801030205

Bluewing Civil Consulting, LLC
PO Box 3384 | Lafayette, LA 70502
Firm Licensure: LA TX MS CO ND

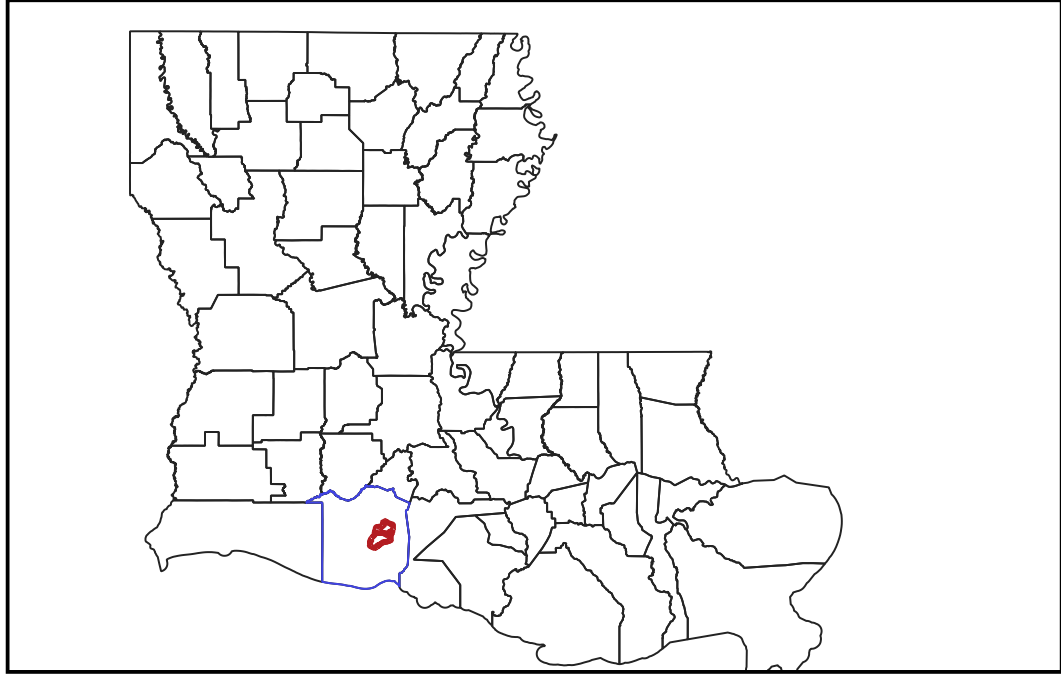


Lower Vermilion River Watershed Project

Alternative 3



WATERSHED LOCATOR



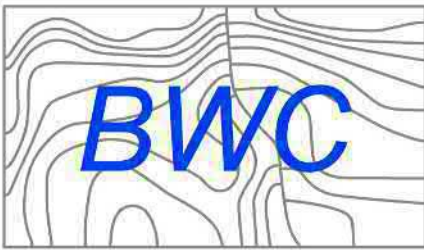
MAP SYMBOLOGY

- | | |
|--------------------------|------------------------|
| HUC12 Watershed Boundary | Waterbodies |
| Proposed Structure | Approx. Protected Area |
| Hebert Canal | School Board Levee |
| Meaux's Ditch | Levee_West_HC |
| Primary Roads | |

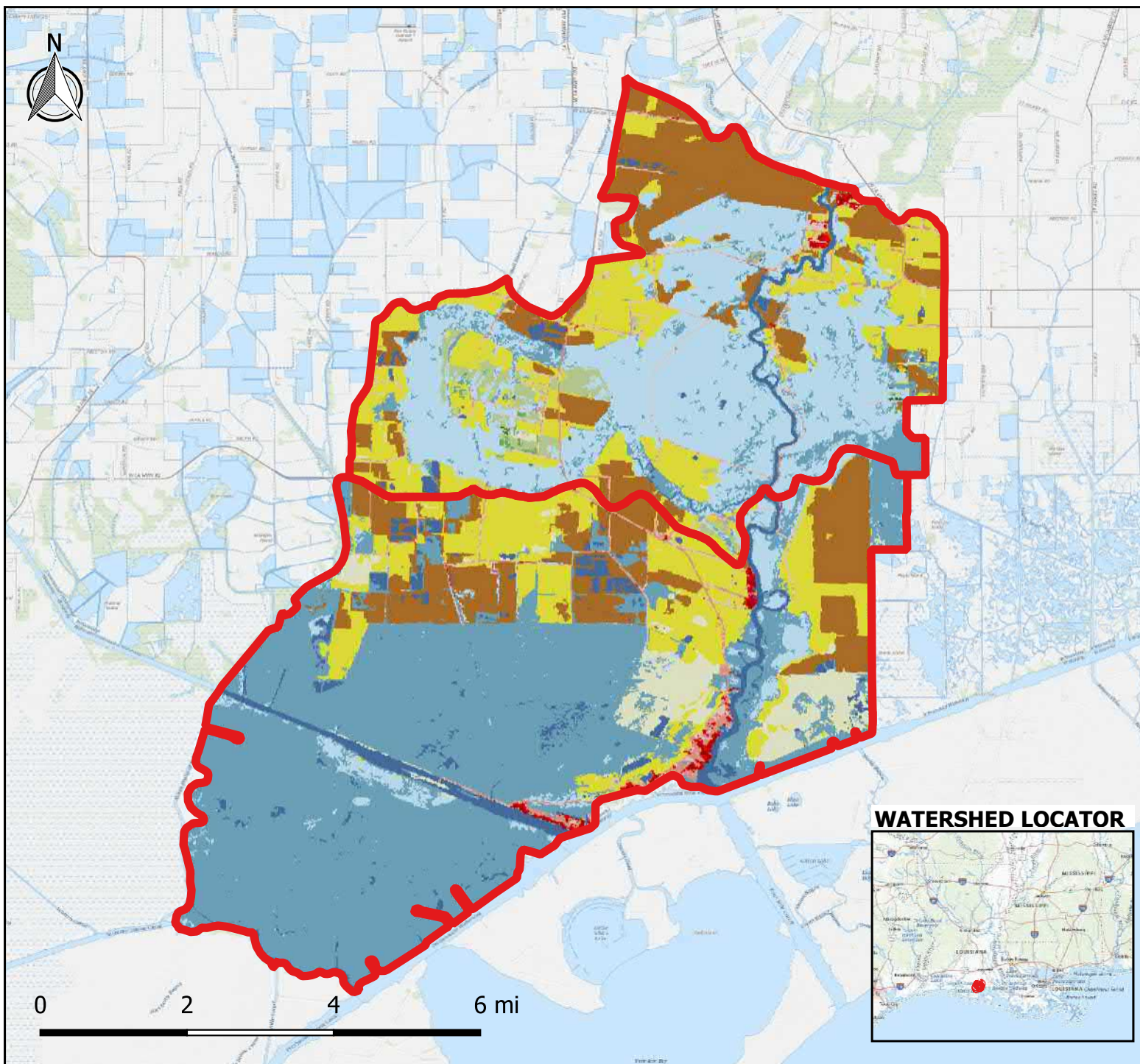
Lower Vermilion River Watershed

HUC -12
080801030203
080801030205

Bluewing Civil Consulting, LLC
PO Box 3384 | Lafayette, LA 70502
Firm Licensure: LA TX MS CO ND



Lower Vermilion River Watershed Land Cover



MAP SYMBOLOGY

HUC12 Watershed

NLCD Land Cover 2018

Open Water

Perennial Snow/Ice

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

Herbaceous

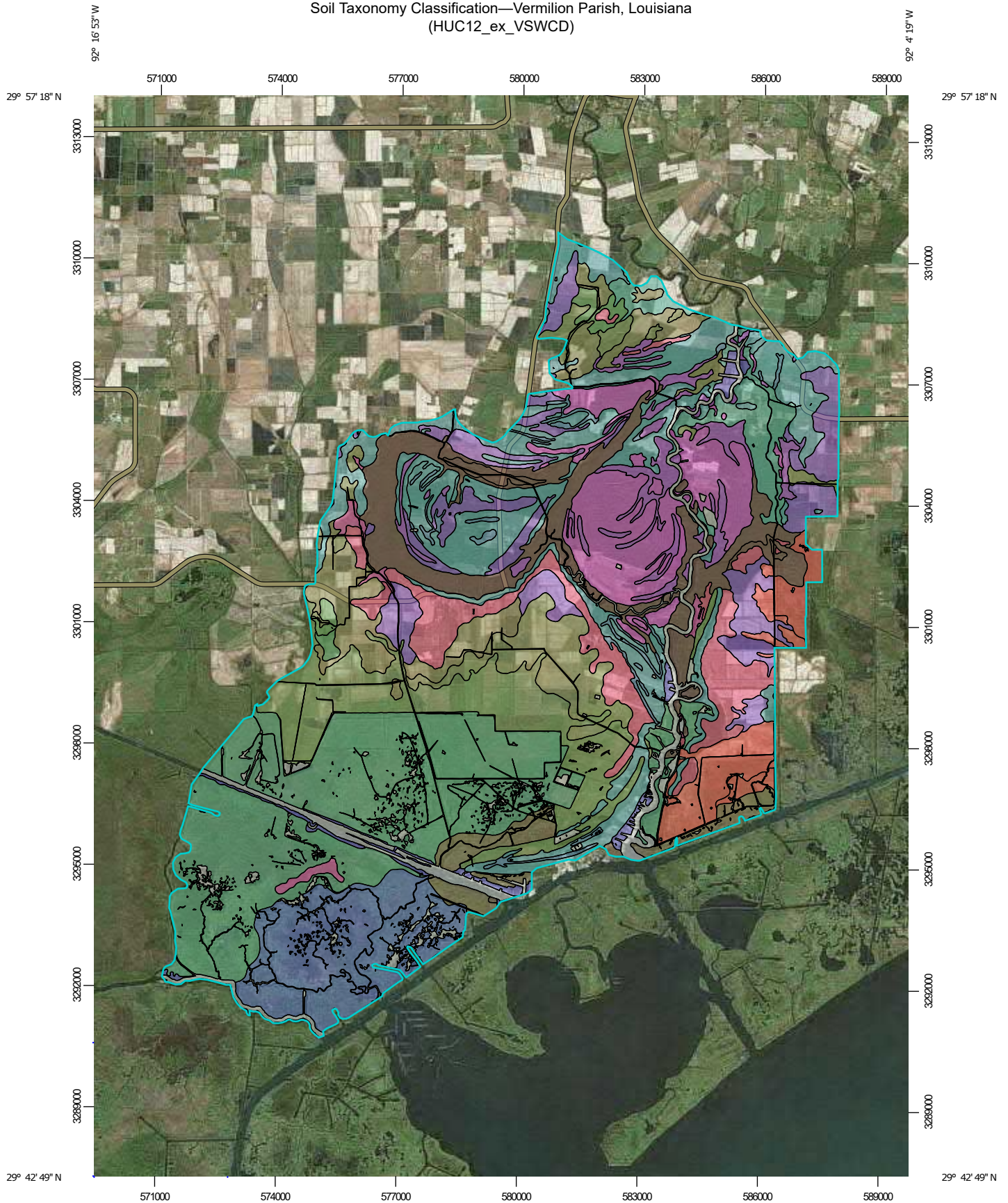
Hay/Pasture

Cultivated Crops

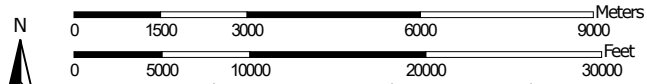
Woody Wetlands

Emergent Herbaceous Wetlands

Soil Taxonomy Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)



Map Scale: 1:131,000 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

8/26/2020
Page 1 of 7

Soil Taxonomy Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)










MAP LEGEND











Area of Interest (AOI)

 Area of Interest (AOI)

Soils






















Soil Rating Polygons

-  Clayey, smectitic, euic, hyperthermic Terric Haplosaprists
-  Euic, hyperthermic Typic Haplosaprists
-  Fine, smectitic, nonacid, thermic, cracked Typic Fluvaquents
-  Fine, smectitic, thermic Aeric Chromic Vertic Epiaqualls
-  Fine, smectitic, thermic Typic Albaqualls
-  Fine, smectitic, thermic Typic Epiaquerts
-  Fine, smectitic, thermic Typic Glossaqualls
-  Fine, thermic Chromic Vertic Epiaqualls
-  Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs











-  Fine-silty, mixed, active, thermic Typic Glossaqualls
-  Fine-silty, mixed, superactive, thermic Aeric Epiaqualls
-  Fine-silty, mixed, superactive, thermic Typic Argiaquolls
-  Fine-silty, mixed, thermic Aeric Ochraqualls
-  Fine-silty, mixed, thermic Typic Argiaquolls
-  Loamy, mixed, euic, thermic Terric Haplosaprists
-  Mixed, hyperthermic Udifluvents
-  Nonacid Aquents
-  Very-fine, mixed, active, hyperthermic Typic Endoaqualls
-  Very-fine, smectitic, nonacid, hyperthermic Typic Hydraquents
-  Very-fine, smectitic, nonacid, hyperthermic Vertic Endoaquepts

 Not rated or not available

Soil Rating Lines











-  Clayey, smectitic, euic, hyperthermic Terric Haplosaprists
-  Euic, hyperthermic Typic Haplosaprists
-  Fine, smectitic, nonacid, thermic, cracked Typic Fluvaquents
-  Fine, smectitic, thermic Aeric Chromic Vertic Epiaqualls
-  Fine, smectitic, thermic Typic Albaqualls
-  Fine, smectitic, thermic Typic Epiaquerts
-  Fine, smectitic, thermic Typic Glossaqualls
-  Fine, thermic Chromic Vertic Epiaqualls
-  Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs
-  Fine-silty, mixed, active, thermic Typic Glossaqualls
-  Fine-silty, mixed, superactive, thermic Aeric Epiaqualls
-  Fine-silty, mixed, superactive, thermic Typic Argiaquolls
-  Fine-silty, mixed, thermic Aeric Ochraqualls
-  Fine-silty, mixed, thermic Typic Argiaquolls
-  Loamy, mixed, euic, thermic Terric Haplosaprists
-  Mixed, hyperthermic Udifluvents
-  Nonacid Aquents
-  Very-fine, mixed, active, hyperthermic Typic Endoaqualls
-  Very-fine, smectitic, nonacid, hyperthermic Typic Hydraquents
-  Very-fine, smectitic, nonacid, hyperthermic Vertic Endoaquepts
-  Not rated or not available

Soil Rating Points








-  Clayey, smectitic, euic, hyperthermic Terric Haplosaprists
-  Euic, hyperthermic Typic Haplosaprists
-  Fine, smectitic, nonacid, thermic, cracked Typic Fluvaquents
-  Fine, smectitic, thermic Aeric Chromic Vertic Epiaqualls
-  Fine, smectitic, thermic Typic Albaqualls
-  Fine, smectitic, thermic Typic Epiaquerts
-  Fine, smectitic, thermic Typic Glossaqualls
-  Fine, thermic Chromic Vertic Epiaqualls
-  Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs
-  Fine-silty, mixed, active, thermic Typic Glossaqualls

Soil Taxonomy Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)

MAP INFORMATION

-  Fine-silty, mixed, superactive, thermic Aeric Epiaqualfs
-  Fine-silty, mixed, superactive, thermic Typic Argiaqualfs
-  Fine-silty, mixed, thermic Aeric Ochraqualfs
-  Fine-silty, mixed, thermic Typic Argiaqualfs
-  Loamy, mixed, euic, thermic Terric Haplosaprists
-  Mixed, hyperthermic Udifluvents
-  Nonacid Aquepts
-  Very-fine, mixed, active, hyperthermic Typic Endoaqualfs
-  Very-fine, smectitic, nonacid, hyperthermic Typic Hydraquepts
-  Very-fine, smectitic, nonacid, hyperthermic Vertic Endoaquepts
-  Not rated or not available

Water Features

-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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.

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

Soil Survey Area: Vermilion Parish, Louisiana
Survey Area Data: Version 18, Jun 5, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Dec 11, 2017

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.

Soil Taxonomy Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AE	Allemands mucky peat, 0 to 0.5 percent slopes, tidal	Clayey, smectitic, euic, hyperthermic Terric Haplosaprists	8,487.8	18.5%
AG	Andry muck	Fine-silty, mixed, thermic Typic Argiaquolls	466.8	1.0%
Ah	Andry muck, drained	Fine-silty, mixed, thermic Typic Argiaquolls	1,137.9	2.5%
AN	Aquents, frequently flooded	Nonacid Aquents	53.1	0.1%
BB	Barbary muck, 0 to 1 percent slopes, frequently flooded	Very-fine, smectitic, nonacid, hyperthermic Typic Hydraquents	2,810.4	6.1%
CL	Clovelly muck, 0 to 0.2 percent slopes, very frequently flooded	Clayey, smectitic, euic, hyperthermic Terric Haplosaprists	0.8	0.0%
Cm	Coteau silt loam, 0 to 1 percent slopes	Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs	73.6	0.2%
Cn	Coteau silt loam, 1 to 3 percent slopes	Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs	143.9	0.3%
Co	Coteau-Patoutville-Frost silt loams, gently undulating	Fine-silty, mixed, active, hyperthermic Glossaquic Hapludalfs	2,850.9	6.2%
Cw	Crowley silt loam, 0 to 1 percent slopes	Fine, smectitic, thermic Typic Albaqualfs	1,391.2	3.0%
Cy	Crowley-Patoutville silt loams	Fine, smectitic, thermic Typic Albaqualfs	1,033.7	2.3%
DE	Delcomb muck	Loamy, mixed, euic, thermic Terric Haplosaprists	974.2	2.1%
Du	Dundee very fine sandy loam	Fine-silty, mixed, thermic Aeris Ochraqualfs	1,131.9	2.5%
FA	Fausse clay, 0 to 1 percent slopes, frequently flooded	Very-fine, smectitic, nonacid, hyperthermic Vertic Endoaquepts	1,347.9	2.9%
Fo	Frost silt loam	Fine-silty, mixed, active, thermic Typic Glossaqualfs	469.7	1.0%
Fr	Frost silt loam, occasionally flooded	Fine-silty, mixed, active, thermic Typic Glossaqualfs	6.4	0.0%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
GE	Ged clay	Very-fine, mixed, active, hyperthermic Typic Endoaqualfs	272.8	0.6%
Gy	Gueydan muck	Fine, smectitic, nonacid, thermic, cracked Typic Fluvaquents	3,391.6	7.4%
Ja	Jeanerette silt loam	Fine-silty, mixed, superactive, thermic Typic Argiaquolls	3,144.5	6.8%
Jd	Judice silty clay, 0 to 1 percent slopes, rarely flooded	Fine, smectitic, thermic Typic Epiaquerts	1,901.4	4.1%
Ka	Kaplan silt loam, 0 to 1 percent slopes	Fine, smectitic, thermic Aeris Chromic Vertic Epiaqualfs	262.0	0.6%
LF	Lafitte muck, 0 to 0.2 percent slopes, very frequently flooded	Euic, hyperthermic Typic Haplosaprists	3,120.9	6.8%
LR	Larose mucky clay, 0 to 0.2 percent slopes, tidal	Very-fine, smectitic, nonacid, hyperthermic Typic Hydraquents	511.6	1.1%
Mn	Midland silty clay loam, 0 to 1 percent slopes, rarely flooded	Fine, thermic Chromic Vertic Epiaqualfs	2,125.8	4.6%
Mt	Mowata silt loam, 0 to 1 percent slopes, rarely flooded	Fine, smectitic, thermic Typic Glossaqualfs	65.1	0.1%
Pa	Patoutville silt loam, 0 to 1 percent slopes	Fine-silty, mixed, superactive, thermic Aeris Epiaqualfs	5,588.0	12.2%
Pb	Patoutville silt loam, 1 to 3 percent slopes	Fine-silty, mixed, superactive, thermic Aeris Epiaqualfs	143.8	0.3%
UD	Udifuvents, 1 to 20 percent slopes	Mixed, hyperthermic Udifuvents	462.4	1.0%
W	Water, large		2,548.5	5.6%
Totals for Area of Interest			45,918.8	100.0%

Description

This rating presents the taxonomic classification based on Soil Taxonomy.

The system of soil classification used by the National Cooperative Soil Survey has six categories (Soil Survey Staff, 1999 and 2003). Beginning with the broadest, these categories are the order, suborder, great group, subgroup, family, and series. Classification is based on soil properties observed in the field or inferred from those observations or from laboratory measurements. This table shows the classification of the soils in the survey area. The categories are defined in the following paragraphs.

ORDER. Twelve soil orders are recognized. The differences among orders reflect the dominant soil-forming processes and the degree of soil formation. Each order is identified by a word ending in sol. An example is Alfisols.

SUBORDER. Each order is divided into suborders primarily on the basis of properties that influence soil genesis and are important to plant growth or properties that reflect the most important variables within the orders. The last syllable in the name of a suborder indicates the order. An example is Udalfs (Ud, meaning humid, plus alfs, from Alfisols).

GREAT GROUP. Each suborder is divided into great groups on the basis of close similarities in kind, arrangement, and degree of development of pedogenic horizons; soil moisture and temperature regimes; type of saturation; and base status. Each great group is identified by the name of a suborder and by a prefix that indicates a property of the soil. An example is Hapludalfs (Hapl, meaning minimal horizonation, plus udalfs, the suborder of the Alfisols that has a udic moisture regime).

SUBGROUP. Each great group has a typic subgroup. Other subgroups are intergrades or extragrades. The typic subgroup is the central concept of the great group; it is not necessarily the most extensive. Intergrades are transitions to other orders, suborders, or great groups. Extragrades have some properties that are not representative of the great group but do not indicate transitions to any other taxonomic class. Each subgroup is identified by one or more adjectives preceding the name of the great group. The adjective Typic identifies the subgroup that typifies the great group. An example is Typic Hapludalfs.

FAMILY. Families are established within a subgroup on the basis of physical and chemical properties and other characteristics that affect management. Generally, the properties are those of horizons below plow depth where there is much biological activity. Among the properties and characteristics considered are particle-size class, mineralogy class, cation-exchange activity class, soil temperature regime, soil depth, and reaction class. A family name consists of the name of a subgroup preceded by terms that indicate soil properties. An example is fine-loamy, mixed, active, mesic Typic Hapludalfs.

SERIES. The series consists of soils within a family that have horizons similar in color, texture, structure, reaction, consistence, mineral and chemical composition, and arrangement in the profile.

References:

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.

Soil Survey Staff. 2006. Keys to soil taxonomy. 10th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. (The soils in a given survey area may have been classified according to earlier editions of this publication.)

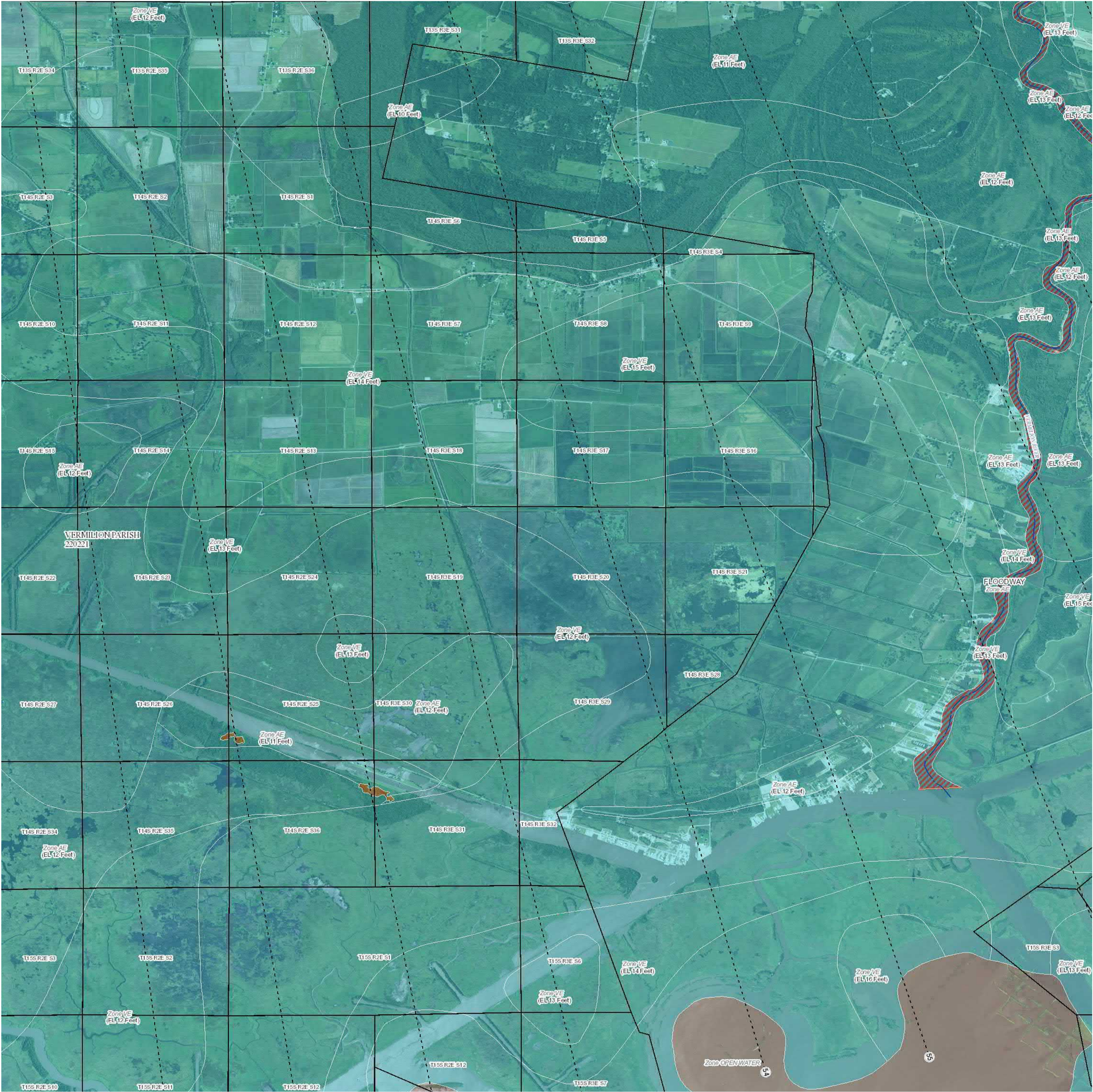
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

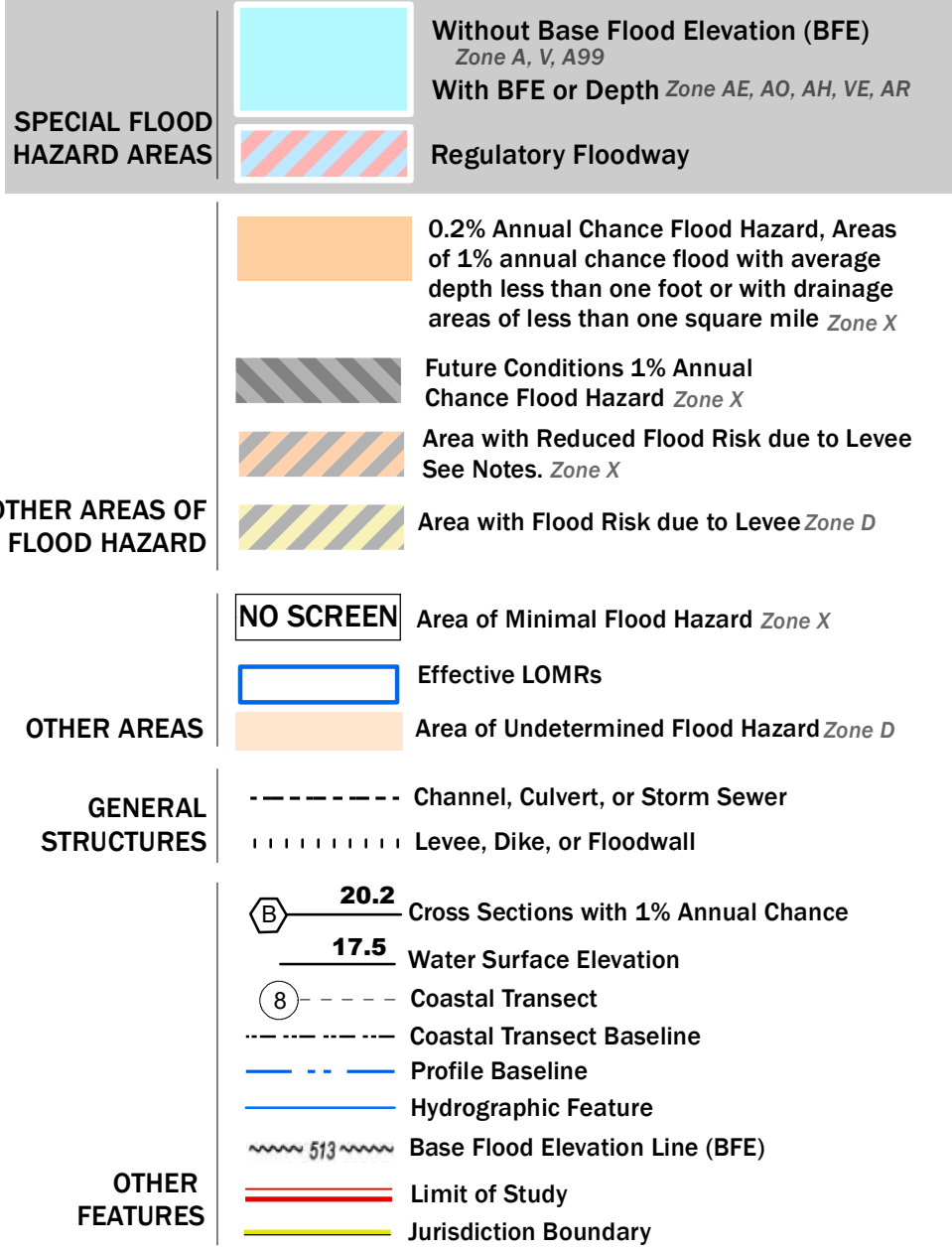
29°52'56.65"N



USGS The National Map: Orthoimagery, Data refreshed April, 2019.
29°44'33.38"N

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

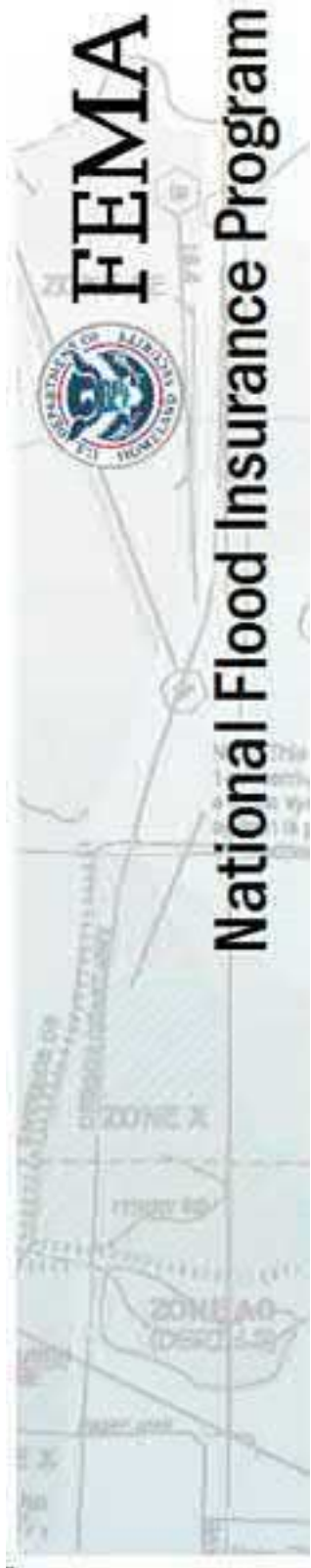
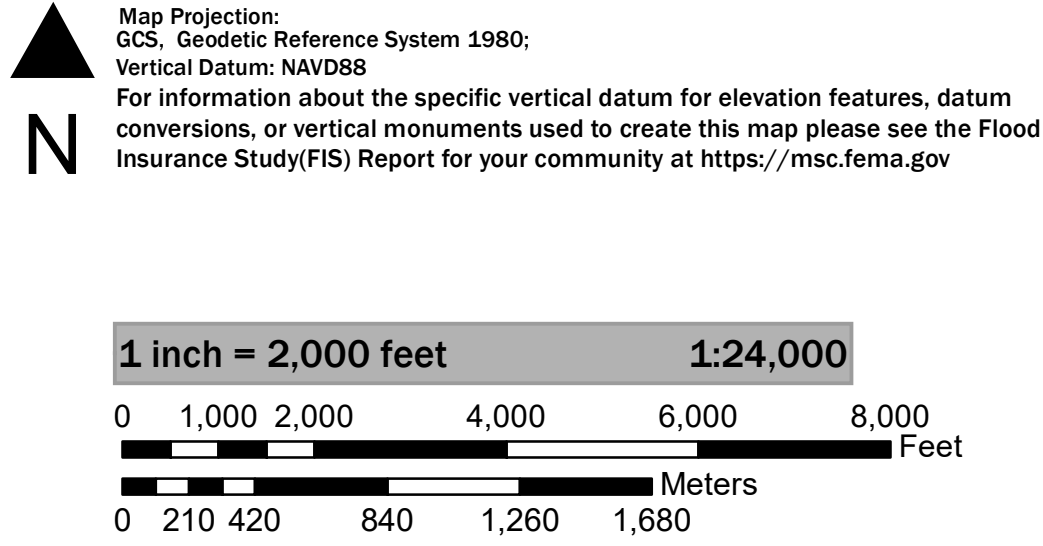
Basemap information shown on this FIRM was provided in digital format by USDA, Farm Service Agency (FSA). This information was derived from NAIP, dated April 11, 2018.

This map was exported from FEMA's National Flood Hazard Layer (NFHL) on 4/8/2020 8:38:56 AM 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. For additional information, please see the Flood Hazard Mapping Updates Overview Fact Sheet at <https://www.fema.gov/media-library/assets/documents/118418>

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.

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.

SCALE

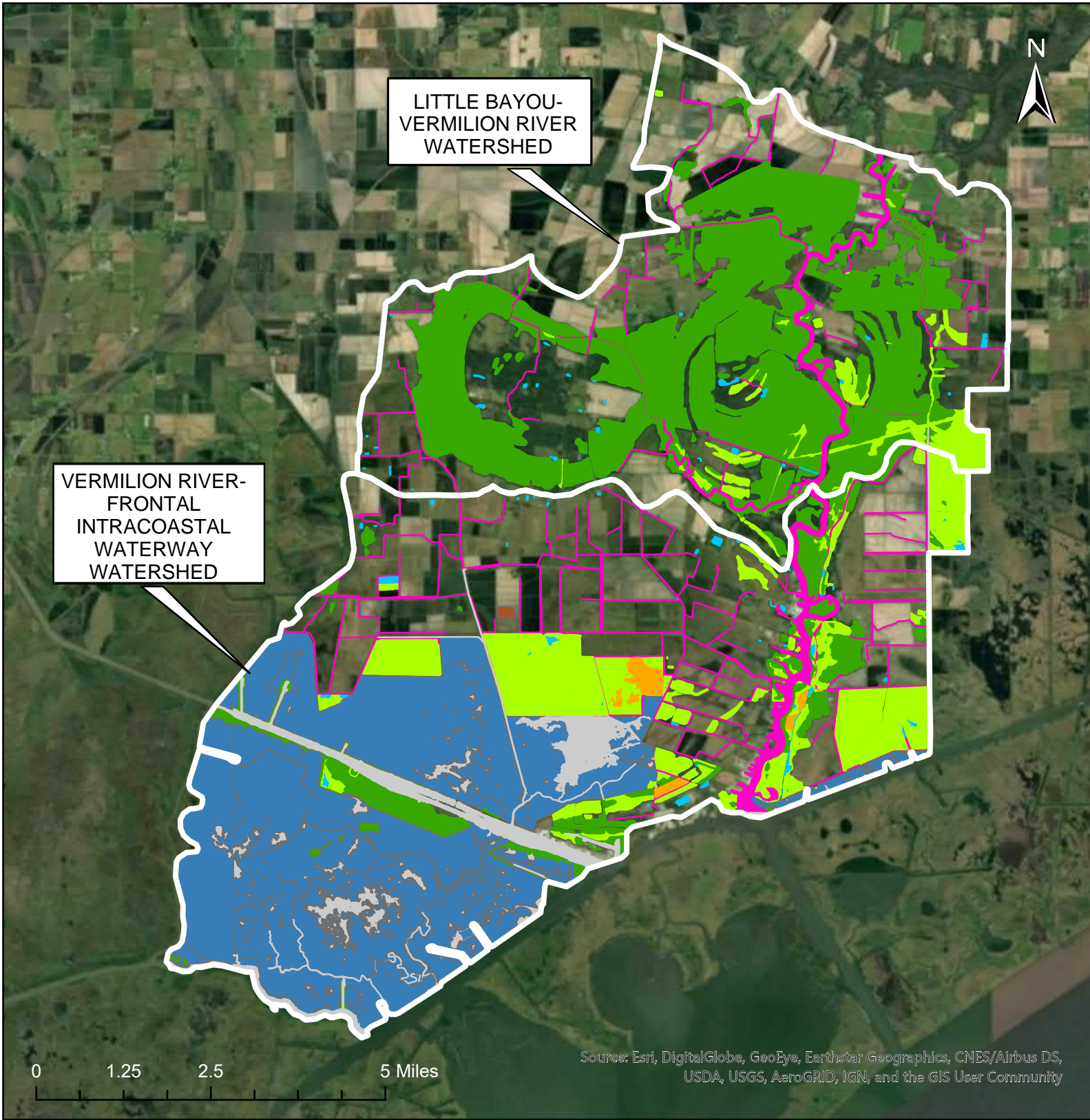


NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP

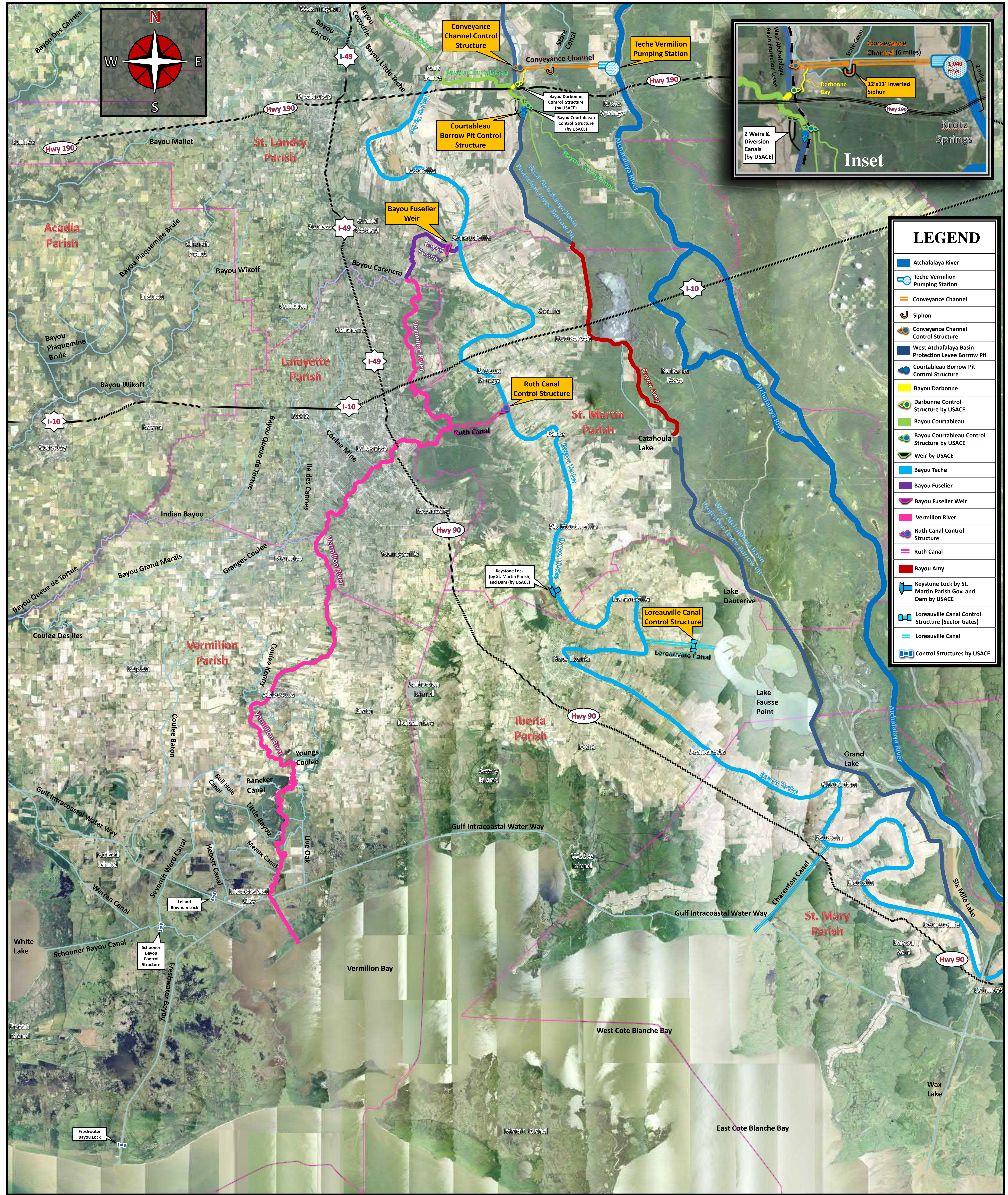
VERMILION PARISH, LOUISIANA
AND INCORPORATED AREAS
PANEL 500 OF 825

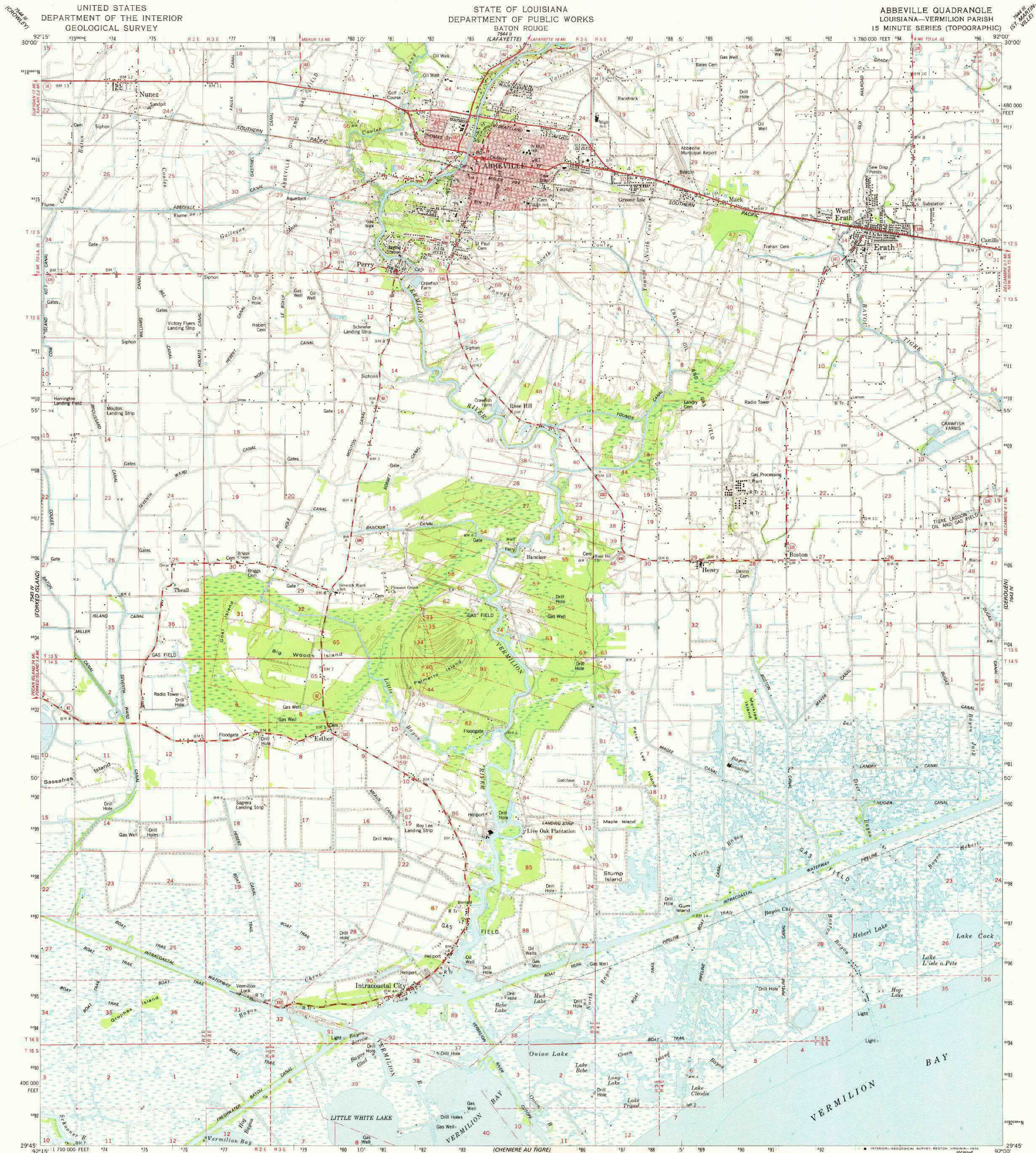
Panel Contains:	NUMBER	PANEL
COMMUNITY VERMILION PARISH LOUISIANA	220221	0500

MAP NUMBER
22113C0500F
EFFECTIVE DATE
01/19/2011



LITTLE BAYOU - VERMILION RIVER WATERSHED		VERMILION RIVER - FRONTAL INTRACOASTAL WATERWAY	
WETLAND_TY		WETLAND_TY	
	Estuarine and Marine Deepwater		Estuarine and Marine Deepwater
	Freshwater Emergent Wetland		Estuarine and Marine Wetland
	Freshwater Forested/Shrub Wetland		Freshwater Emergent Wetland
	Freshwater Pond		Freshwater Forested/Shrub Wetland
	Riverine		Freshwater Pond
	<all other values>		Lake
			Other
			Riverine
			<all other values>





UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF LOUISIANA
DEPARTMENT OF PUBLIC WORKS
BATON ROUGE

ABBEVILLE QUADRANGLE
LOUISIANA—VERMILION PARISH
15 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, USCE, and Louisiana Department of Highways
Compiled in 1977 from 1:24,000-scale maps dated 1975
Selected hydrographic data compiled from NOS/NOAA Chart 11349 (1976)
This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Louisiana coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue. 1927 North American datum
Dotted land lines established by private survey
Where omitted, land lines have not been established
Red tint indicates areas in which only landmark buildings are shown
All or part of this quadrangle lies within a subsidence area
Supersedes map dated 1954

UTM GRID AND 1975 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:62,500

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Light-duty road, hard or improved surface

Interstate Route
U.S. Route
State Route

This area also covered by 7.5 minute, 1:24,000-scale maps: Abbeville East 1975; Abbeville West 1975; Intracoastal City 1975, and Hebert Lake 1975

ABBEVILLE, LA.
N2945—W9200/15

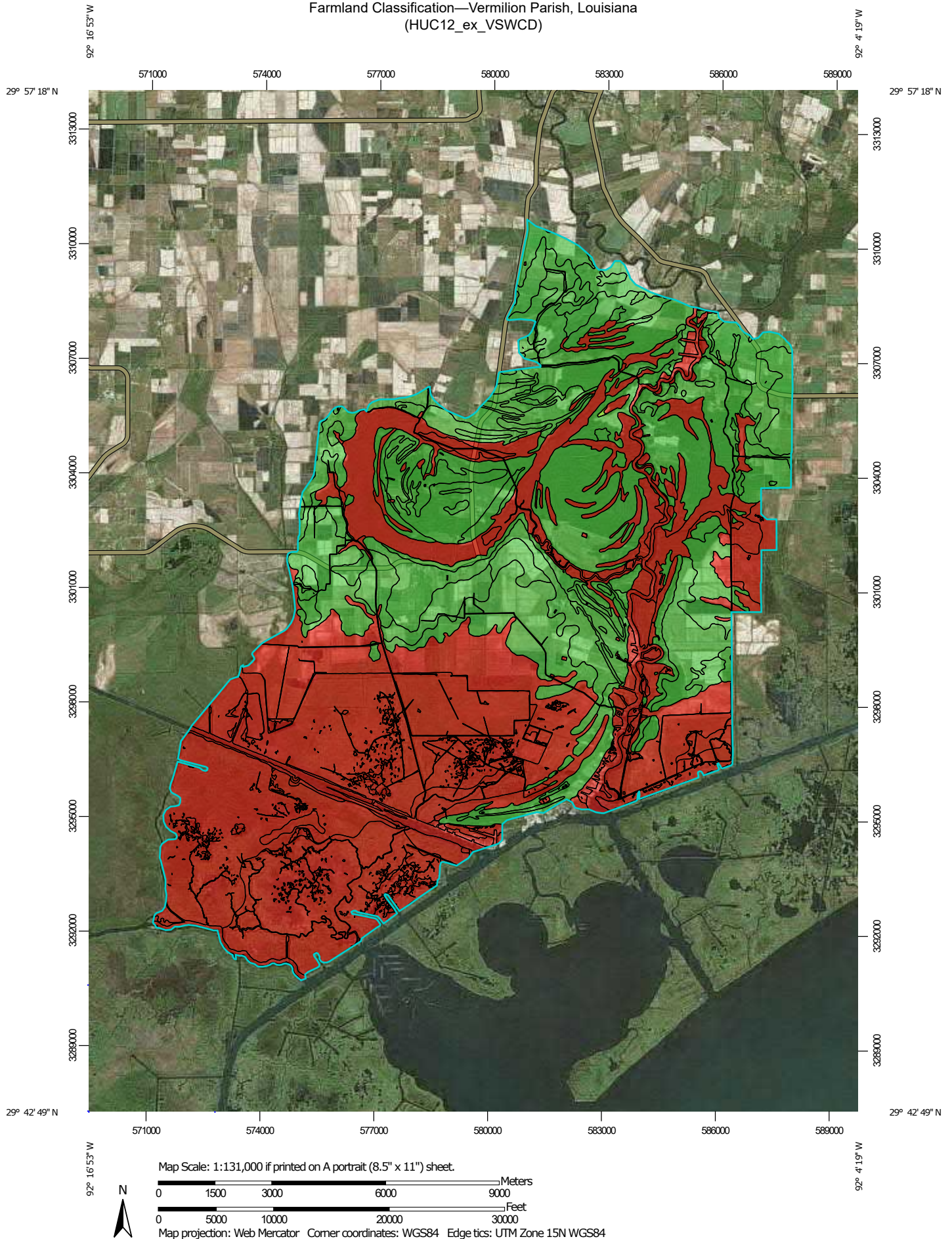
1975
AMS 7543 1—SERIES V785

JUN 06 1978

5100

USGS
Historical File
Topographic Division


Farmland Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)



Farmland Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)









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 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—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)

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

Farmland Classification—Vermilion Parish, Louisiana
(HUC12_ex_VSWCD)

	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
	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		Not rated or not available
	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	Water Features	
	Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Streams and Canals
	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		Rails
			Farmland of local importance		Interstate Highways
			Farmland of local importance, if irrigated		US Routes
					Major Roads
					Local Roads
				Background	
					Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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.

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

Soil Survey Area: Vermilion Parish, Louisiana
Survey Area Data: Version 18, Jun 5, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Dec 11, 2017

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

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AE	Allemands mucky peat, 0 to 0.5 percent slopes, tidal	Not prime farmland	8,487.8	18.5%
AG	Andry muck	Not prime farmland	466.8	1.0%
Ah	Andry muck, drained	Not prime farmland	1,137.9	2.5%
AN	Aquents, frequently flooded	Not prime farmland	53.1	0.1%
BB	Barbary muck, 0 to 1 percent slopes, frequently flooded	Not prime farmland	2,810.4	6.1%
CL	Clovelly muck, 0 to 0.2 percent slopes, very frequently flooded	Not prime farmland	0.8	0.0%
Cm	Coteau silt loam, 0 to 1 percent slopes	All areas are prime farmland	73.6	0.2%
Cn	Coteau silt loam, 1 to 3 percent slopes	All areas are prime farmland	143.9	0.3%
Co	Coteau-Patoutville-Frost silt loams, gently undulating	All areas are prime farmland	2,850.9	6.2%
Cw	Crowley silt loam, 0 to 1 percent slopes	All areas are prime farmland	1,391.2	3.0%
Cy	Crowley-Patoutville silt loams	All areas are prime farmland	1,033.7	2.3%
DE	Delcomb muck	Not prime farmland	974.2	2.1%
Du	Dundee very fine sandy loam	All areas are prime farmland	1,131.9	2.5%
FA	Fausse clay, 0 to 1 percent slopes, frequently flooded	Not prime farmland	1,347.9	2.9%
Fo	Frost silt loam	All areas are prime farmland	469.7	1.0%
Fr	Frost silt loam, occasionally flooded	Prime farmland if protected from flooding or not frequently flooded during the growing season	6.4	0.0%
GE	Ged clay	Not prime farmland	272.8	0.6%
Gy	Gueydan muck	Not prime farmland	3,391.6	7.4%
Ja	Jeanerette silt loam	All areas are prime farmland	3,144.5	6.8%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Jd	Judice silty clay, 0 to 1 percent slopes, rarely flooded	All areas are prime farmland	1,901.4	4.1%
Ka	Kaplan silt loam, 0 to 1 percent slopes	All areas are prime farmland	262.0	0.6%
LF	Lafitte muck, 0 to 0.2 percent slopes, very frequently flooded	Not prime farmland	3,120.9	6.8%
LR	Larose mucky clay, 0 to 0.2 percent slopes, tidal	Not prime farmland	511.6	1.1%
Mn	Midland silty clay loam, 0 to 1 percent slopes, rarely flooded	All areas are prime farmland	2,125.8	4.6%
Mt	Mowata silt loam, 0 to 1 percent slopes, rarely flooded	All areas are prime farmland	65.1	0.1%
Pa	Patoutville silt loam, 0 to 1 percent slopes	All areas are prime farmland	5,588.0	12.2%
Pb	Patoutville silt loam, 1 to 3 percent slopes	All areas are prime farmland	143.8	0.3%
UD	Udfluvents, 1 to 20 percent slopes	Not prime farmland	462.4	1.0%
W	Water, large	Not prime farmland	2,548.5	5.6%
Totals for Area of Interest			45,918.8	100.0%

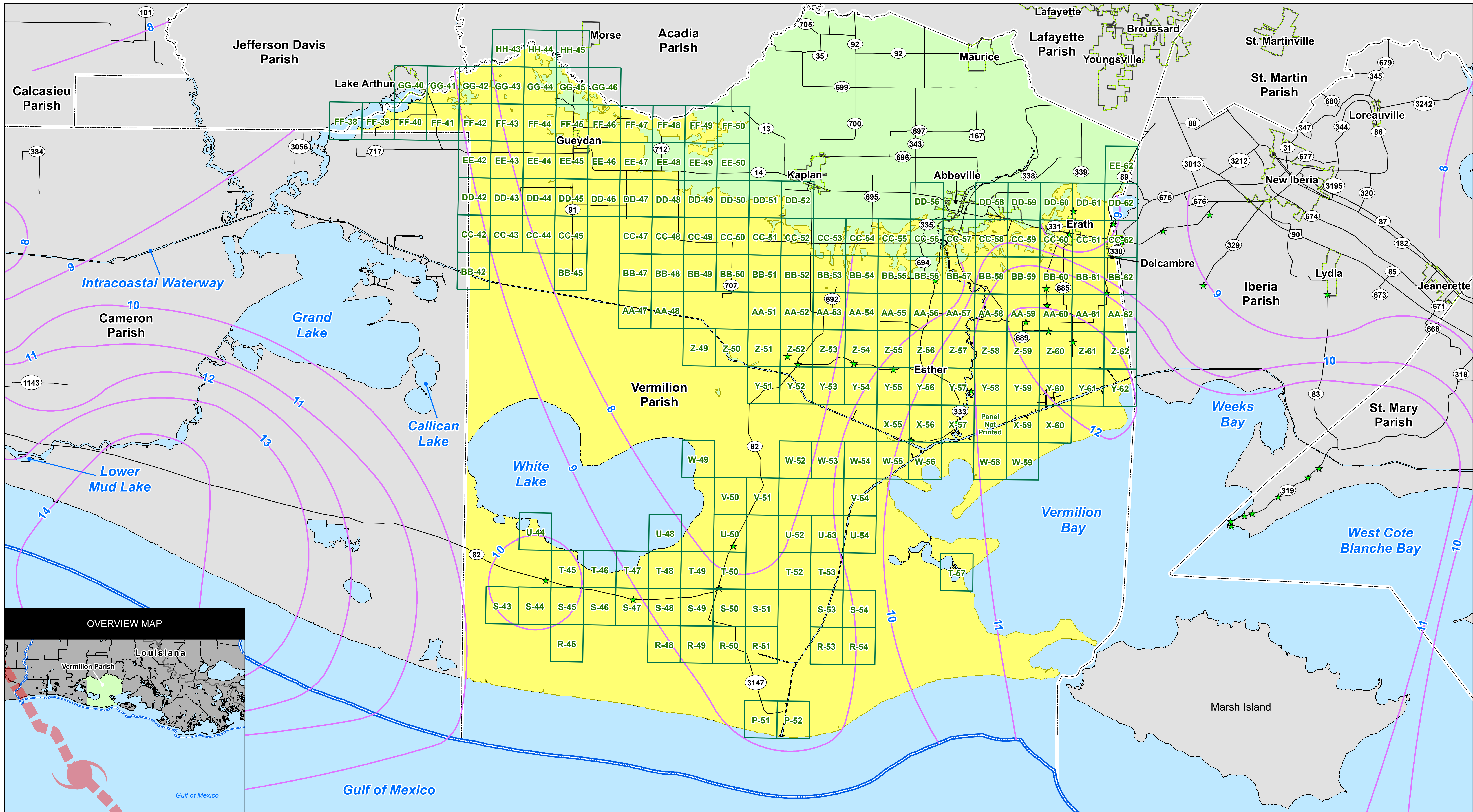
Description

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



Louisiana Hurricane Rita Surge Inundation¹ and Advisory Base Flood Elevation Map Panel Index Vermilion Parish

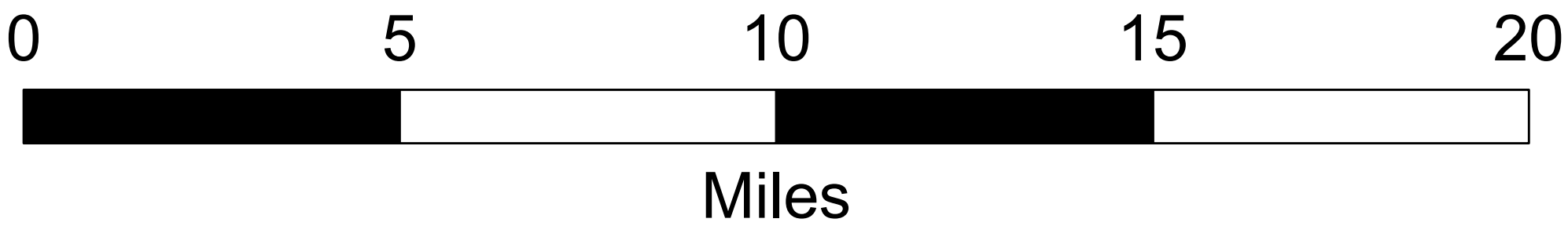
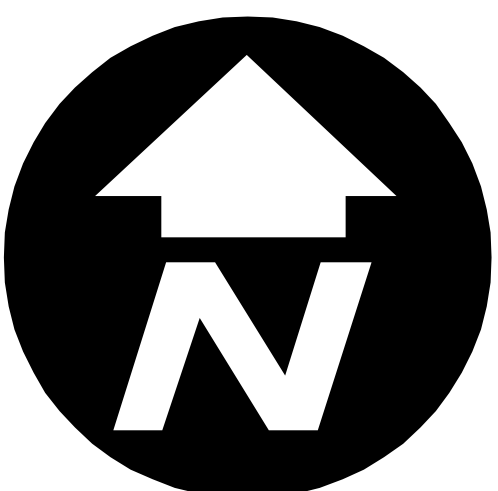
Date of Event: September 24, 2005; Date of Map: March 2006



Legend

- State Boundary
- Parish Boundary
- Corporate Limit
- Major Roads
- Levees

- Inundation Map Panel Grid
- Limit of Surge Inundation
- Preliminary High Water Marks
- Preliminary Surge Elevations (feet)¹
- Path of Hurricane Rita



¹ The contour elevations shown on this map reflect surge levels only; local wave heights and wave runup are excluded from these elevations.

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Louisiana State Plane south zone (FIPSZONE 1702). The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NNGS12
National Geodetic Survey
SSM-C-3, #62022
1315 East-West Highway
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on the FIRM was derived from multiple sources. Base map files were provided and/or extracted in digital format from the State of Louisiana GIS Atlas, 2006, and the U.S. Census Bureau TIGER/Line files, 2006 Second Edition.

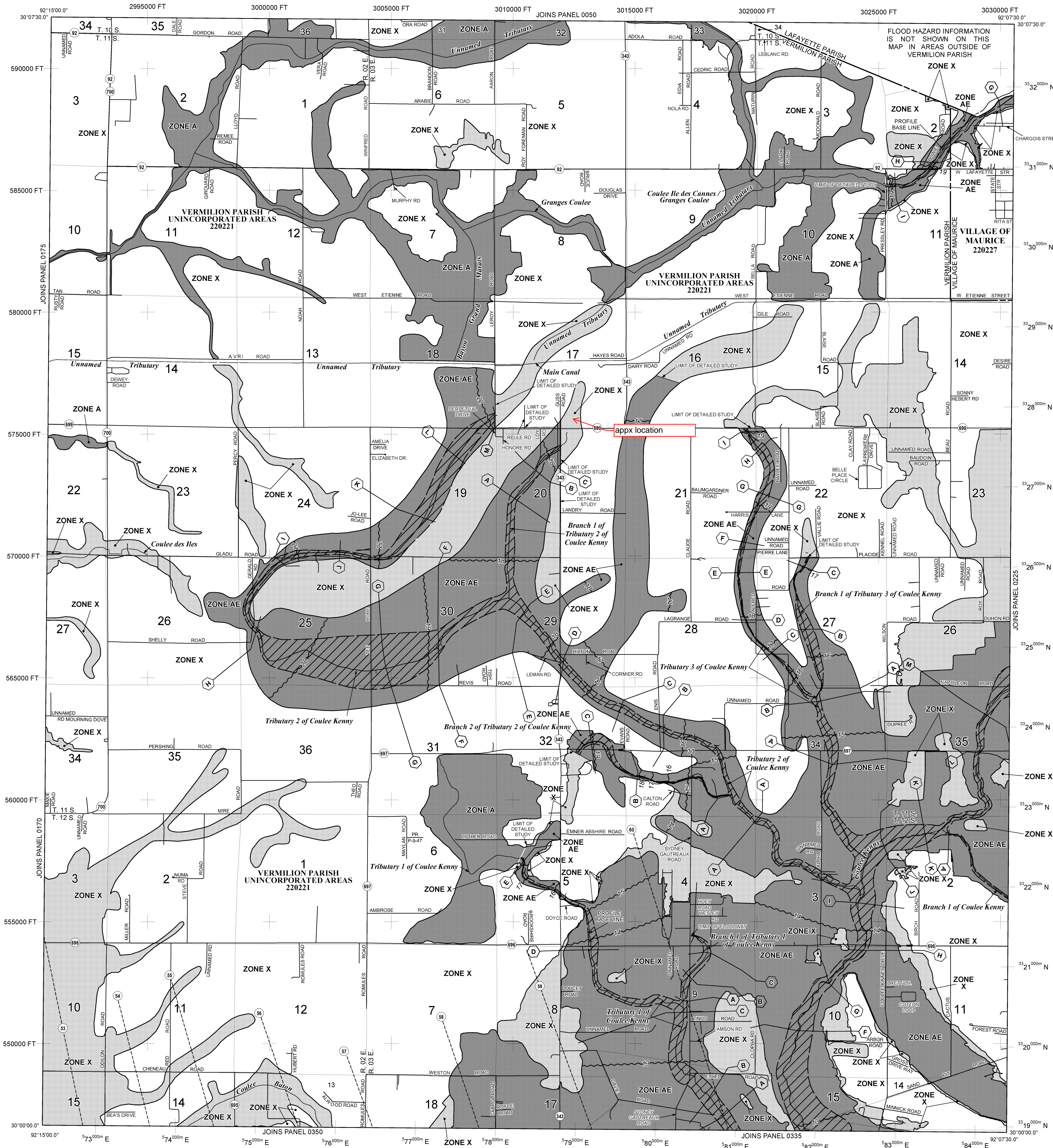
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the *Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/>.



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Louisiana State Plane south zone (FIPSZONE 1702). The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NNGS12
National Geodetic Survey
SSM-C-3, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on the FIRM was derived from multiple sources. Base map files were provided and/or extracted in digital format from the State of Louisiana GIS Atlas, 2006, and the U.S. Census Bureau TIGER/Line files, 2006 Second Edition.

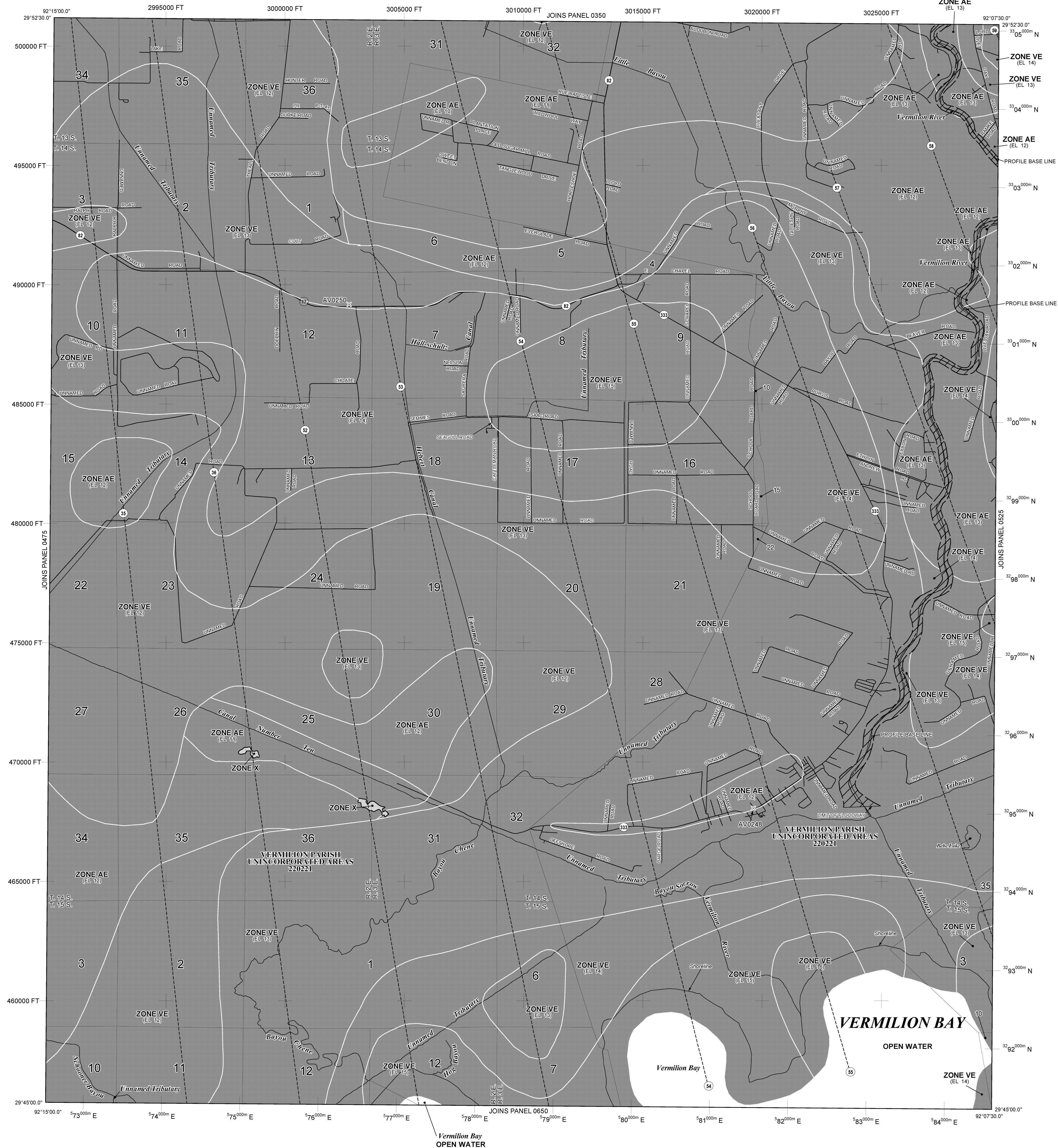
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the *Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.
ZONE AE Base Flood Elevations determined.
ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

Floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
Base Flood Elevation line and value; elevation in feet*
Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

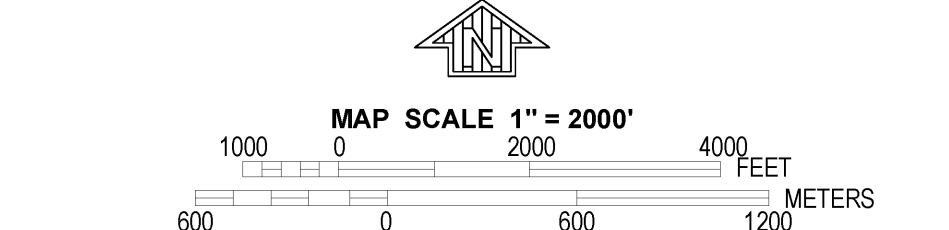
Cross section line
Transect line
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
1000-meter Universal Transverse Mercator grid ticks, zone 15
5000-foot grid ticks: Louisiana State Plane coordinate system, south zone (FIPSZONE 1702), Lambert Conformal Conic

Bench mark (see explanation in Notes to Users section of this FIRM panel)
River Mile
MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
January 19, 2011
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



NFIP

PANEL 0500F

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
VERMILION PARISH,
LOUISIANA
AND INCORPORATED AREAS

PANEL 500 OF 950
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY VERMILION PARISH
NUMBER 220221
PANEL 0500
SUFFIX F

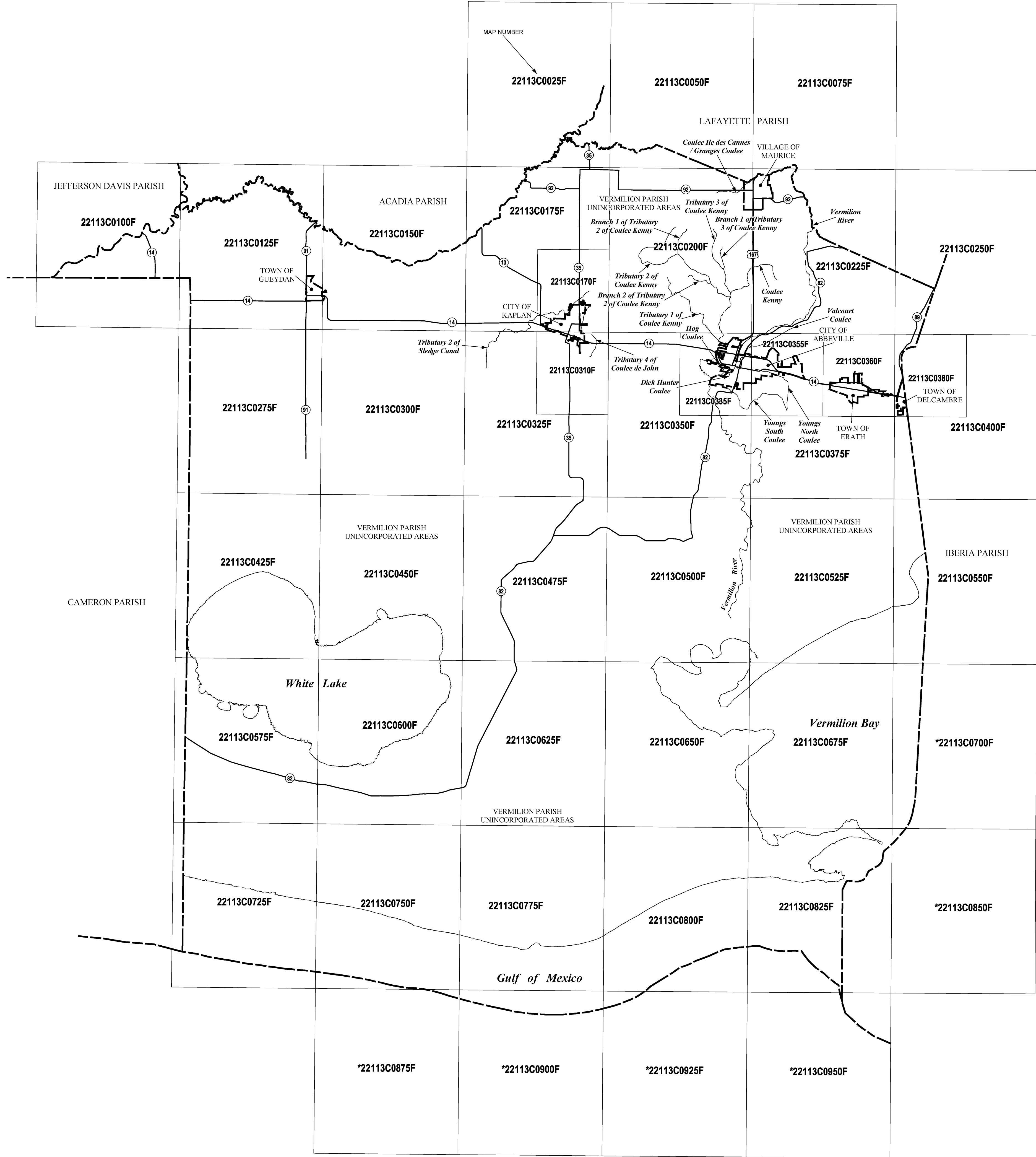
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
22113C0500F

EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency



LISTING OF COMMUNITIES					
COMMUNITY NAME	COMMUNITY NUMBER	LOCATED ON PANEL(S)	INITIAL NFIP MAP DATE	INITIAL FIRM DATE	MOST RECENT FIRM PANEL DATE
ABBEVILLE, CITY OF	220264	335, 355	MARCH 15, 1974	AUGUST 3, 1981	JANUARY 19, 2011
DELCAMBRE, TOWN OF	220223	360, 380	APRIL 5, 1974	APRIL 4, 1983	JANUARY 19, 2011
ERATH, TOWN OF	220224	360	MARCH, 8 1974	APRIL 4, 1983	JANUARY 19, 2011
GUEYDAN, TOWN OF	220225	125, 150	JANUARY 19, 2011	JANUARY 19, 2011	JANUARY 19, 2011
KAPLAN, CITY OF	220226	170, 310	NOVEMBER 2, 1973	MARCH 1, 1982	JANUARY 19, 2011
MAURICE, VILLAGE OF	220227	200, 225	JUNE 30, 1976	JUNE 30, 1976	JANUARY 19, 2011
VERMILION PARISH (UNINCORPORATED AREAS)	220221	25, 50, 75, 100, 125, 150, 170, 175, 200, 225, 250, 275, 300, 310, 325, 335, 350, 355, 360, 375, 380, 400, 425, 450, 475, 500, 525, 550, 575, 600, 625, 650, 675, 700*, 725, 750, 775, 800, 825, 850*, 875*, 900*, 925*, 950*	MAY 31, 1977	MAY 15, 1985	JANUARY 19, 2011
* PANEL NOT PRINTED					

FIRM Panel Dates for Printed Panels of Vermilion Parish, Louisiana and Incorporated Areas									
Panel	Effective Date	Panel	Effective Date	Panel	Effective Date	Panel	Effective Date	Panel	Effective Date
0025F	January 19, 2011	0200F	January 19, 2011	0350F	January 19, 2011	0475F	January 19, 2011	0675F	January 19, 2011
0050F	January 19, 2011	0225F	January 19, 2011	0355F	January 19, 2011	0500F	January 19, 2011	0725F	January 19, 2011
0075F	January 19, 2011	0250F	January 19, 2011	0360F	January 19, 2011	0525F	January 19, 2011	0750F	January 19, 2011
0100F	January 19, 2011	0275F	January 19, 2011	0375F	January 19, 2011	0550F	January 19, 2011	0775F	January 19, 2011
0125F	January 19, 2011	0300F	January 19, 2011	0380F	January 19, 2011	0575F	January 19, 2011	0800F	January 19, 2011
0150F	January 19, 2011	0310F	January 19, 2011	0400F	January 19, 2011	0600F	January 19, 2011	0825F	January 19, 2011
0170F	January 19, 2011	0325F	January 19, 2011	0425F	January 19, 2011	0625F	January 19, 2011		
0175F	January 19, 2011	0335F	January 19, 2011	0450F	January 19, 2011	0650F	January 19, 2011		

MAP DATES

This FIRM Index displays the map dates for each FIRM panel at the time that this Index was printed. Because this Index may not be distributed to unaffected communities in subsequent revisions, users may determine the most current map date for each FIRM panel by visiting the FEMA Map Service Center website at <http://msc.fema.gov> or by calling the Map Service Center at 1-800-358-9616.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

NOTE TO USER

Future revisions to this FIRM Index will only be issued to communities that are located on FIRM panels being revised. This FIRM Index therefore remains valid for FIRM panels dated January 19, 2011 or earlier. Please refer to the "MOST RECENT FIRM PANEL DATE" column in the Listing of Communities table to determine the most recent FIRM Index date for each community.

ELEVATION DATUM

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282
(301) 713-3242

BASE MAP SOURCE

Base map information shown on the FIRM was derived from multiple sources. Base map files were provided and/or extracted in digital format from the State of Louisiana GIS Atlas, 2006, and the U.S. Census Bureau TIGER/Line files, 2006 Second Edition.

- NOTE -

Designated CBRS Areas are located on panels 575, 600, 650, 675, 725, 750, 775, 800, and 825.

MAP REPOSITORIES

(Maps available for reference only, not for distribution.)

ABBEVILLE, CITY OF:
101 N. State Street
Abbeville, Louisiana 70510

DELCAMBRE, TOWN OF:
107 North Railroad
Delcambre, Louisiana 70528

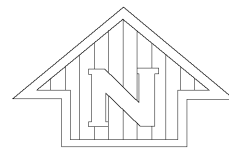
ERATH, TOWN OF:
115 West Edwards Street
Erath, Louisiana 70533

GUEYDAN, TOWN OF:
600 Main Street
Gueydan, Louisiana 70542

KAPLAN, CITY OF:
701 N. Cushing Avenue
Kaplan, Louisiana 70548

MAURICE, VILLAGE OF:
115 West Corne
Maurice, Louisiana 70555

VERMILION PARISH (UNINCORPORATED AREAS):
100 N. State Street
Suite 200
Abbeville, Louisiana 70510



MAP INDEX

FIRM

FLOOD INSURANCE RATE MAP
VERMILION PARISH,
LOUISIANA
AND INCORPORATED AREAS

(SEE LISTING OF COMMUNITIES TABLE)

MAP INDEX

PANELS PRINTED: 25, 50, 75, 100, 125, 150, 170, 175, 200, 225, 250, 275, 300, 310, 325, 335, 350, 355, 360, 375, 380, 400, 425, 450, 475, 500, 525, 550, 575, 600, 625, 650, 675, 725, 750, 775, 800, 825



MAP NUMBER
22113CIND0A

EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

Tax Year 2025

(Uncertified)

Property Owner**Name:** DOOLEY, DONNIE WAYNE**Property Information****Physical Address:** 0
0**Mailing Address:** P O BOX 547
DELCAMBRE, LA 70528**Subdivision:** No Subd**Block / Lot:** N/A / N/A**Type:** (AV) Agri Use/Vacant**S-T-R:** 15-14-03E**Tax Dist:** (705) WD7 - RD7 - D7W - F7 - AHT**Size (Acres):****Millage Rate:** 107.80**Restoration Tax****Homestead Pct:** 0.00**Abatement:** No**Special Assessment****Freeze:** No**Extended Legal:** 112.50 AC IN SECS 15,22,86,87 T 14 R 3 E TRACT 2 202-1565-1566 205-1463 208-6229 4.8465 AC UND 1/2 INT IN 9.693 AC IN IRREG SEC 86 & 87 T 14 R 3 E BEING TR B1 208-3596**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
AG LANDS CLASS IV	15,870	0	15,870	\$1,587	\$0	\$1,587	10%
FRESH WATER MARSH	3,360	0	3,360	\$336	\$0	\$336	10%
Totals:	19,230	0	19,230	\$1,923	\$0	\$1,923	

Special Assessments:

Assessment	Millage	Parish or City	Total Tax	Homestead Credit	Tax Amount
7th Ward Gravity DD #2	19.26	P	\$37.04	\$0.00	\$37.04
ABBV Harbor & Terminal	3.28	P	\$6.31	\$0.00	\$6.31
Assessment District	2.52	P	\$4.85	\$0.00	\$4.85
Consolidated Schools 10M	9.64	P	\$18.54	\$0.00	\$18.54
Consolidated Schools 25M	24.09	P	\$46.33	\$0.00	\$46.33
Fire 7th Ward	10.28	P	\$19.77	\$0.00	\$19.77
Health Unit	2.62	P	\$5.04	\$0.00	\$5.04
Law Enforcement	9.52	P	\$18.31	\$0.00	\$18.31
Library Maint	4.46	P	\$8.58	\$0.00	\$8.58
Parish Road Maint	3.34	P	\$6.42	\$0.00	\$6.42
Parish School	4.54	P	\$8.73	\$0.00	\$8.73
Parishwide (EX A&K)	4.14	P	\$7.96	\$0.00	\$7.96
Road Dist 7	8.69	P	\$16.71	\$0.00	\$16.71
T-V-F-W District	1.42	P	\$2.73	\$0.00	\$2.73
Totals:	107.80		\$207.32	\$0.00	\$207.32

Note: Due to rounding errors, please contact the Tax Collector for the exact taxes owed.**Not a Legal Document.**

Subject to terms and conditions.

www.actDataScout.com

Tax Year 2025

(Uncertified)

Parcel Owner Information:

Name	Percent of Ownership	Ownership Began	Ownership Ended
DOOLEY, DONNIE WAYNE	100.00%	5/1/2008	

Deed Transfers:

Date	Book	Page	Deed Type	Est. Sale	Grantee
5/1/2008			Exchange	\$0	DOOLEY, DANA #R7150400
3/1/2008			Succ	\$0	HEBERT, VIRGIE #R7234400
2/1/2005			Donation	\$0	HEBERT, VIRGIE #R7234400
2/1/2004			Donation	\$0	HEBERT, VIRGIE #R7234400
2/1/2003			Donation	\$0	HEBERT, VIRGIE #R7194600
2/1/2002			Donation	\$0	HEBERT, VIRGIE M #R7194600
12/1/2001			Donation	\$0	HEBERT, VIRGIE M #R7194600

Extended S-T-R:

22-14-03E, 86-14-03E, 87-14-03E

Map:

Copyright Text: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Tax Year 2025

(Uncertified)

Property Owner

Name: HEBERT, RICHARD ARNOLD

Property InformationPhysical Address: 0
0Mailing Address: 12434 WILDWOOD WAY
ABBEVILLE, LA 70510-0326

Subdivision: No Subd

Block / Lot: N/A / N/A

S-T-R: 31-14-03E

Type: (AV) Agri Use/Vacant

Tax Dist: (705) WD7 - RD7 - D7W - F7 - AHT

Size (Acres):

Millage Rate: 107.80

Restoration Tax
Abatement: No

Homestead Pct: 0.00

Special Assessment

Freeze: No

Extended Legal: 17.44 AC IN SECS 31 & 32 T 14 R 3 E, BEING L-1 A 83-5925

Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
FRESH WATER MARSH	1,220	0	1,220	\$122	\$0	\$122	10%
Totals:	1,220	0	1,220	\$122	\$0	\$122	

Special Assessments:

Assessment	Millage	Parish or City	Total Tax	Homestead Credit	Tax Amount
7th Ward Gravity DD #2	19.26	P	\$2.35	\$0.00	\$2.35
ABBV Harbor & Terminal	3.28	P	\$0.40	\$0.00	\$0.40
Assessment District	2.52	P	\$0.31	\$0.00	\$0.31
Consolidated Schools 10M	9.64	P	\$1.18	\$0.00	\$1.18
Consolidated Schools 25M	24.09	P	\$2.94	\$0.00	\$2.94
Fire 7th Ward	10.28	P	\$1.26	\$0.00	\$1.26
Health Unit	2.62	P	\$0.32	\$0.00	\$0.32
Law Enforcement	9.52	P	\$1.16	\$0.00	\$1.16
Library Maint	4.46	P	\$0.55	\$0.00	\$0.55
Parish Road Maint	3.34	P	\$0.41	\$0.00	\$0.41
Parish School	4.54	P	\$0.55	\$0.00	\$0.55
Parishwide (EX A&K)	4.14	P	\$0.51	\$0.00	\$0.51
Road Dist 7	8.69	P	\$1.06	\$0.00	\$1.06
T-V-F-W District	1.42	P	\$0.17	\$0.00	\$0.17
Totals:	107.80		\$13.17	\$0.00	\$13.17

Note: Due to rounding errors, please contact the Tax Collector for the exact taxes owed.

Not a Legal Document.

Subject to terms and conditions.

www.actDataScout.com

Vermilion Parish Report
Tax Year 2025
(Uncertified)

Parcel Owner Information:

Name	Percent of Ownership	Ownership Began	Ownership Ended
HEBERT, RICHARD ARNOLD	100.00%	1/1/1900	

Extended S-T-R:

32-14-03E

Map:



Tax Year 2025

(Uncertified)

Property Owner

Name: KIBBE, WINNIE, LLC

Property Information

Physical Address: 23536 LA HWY 333

Mailing Address: 6711 WILSON RD
MAURICE, LA 70555

Subdivision: No Subd

Block / Lot: N/A / N/A

Type: (AI) Agri Improved

S-T-R: 82-14-03E

Tax Dist: (705) WD7 - RD7 - D7W - F7 - AHT

Size (Acres):

Millage Rate: 107.80

Restoration Tax

Homestead Pct: 0.00

Abatement: No

Special Assessment

Freeze: No

Extended Legal: 40 AC N POR OF LOT 1 N LITTLE BAYOU, S PUB RD, E R RICE, W A CESSAC (S/W POR SEC 82 & NW/POR SEC 86 T 14 R 3 E BEING THAT POR LOT 1 PLAT # 27472 LYING N OF HWY 333) 160 AC IN NE/4 OF NE/4 SEC 20 & N/2 OF NW/4 & NW/4 OF NE/4 SEC 21 T 14 R 3 E 275 AC IN SEC 87 T 14 R 3 E 10 AC IN SECS 21, 22 & 15 T 14 R 3 E 7 AC IN SEC 22 T 14 R 3 E 30 AC N A CESSAC, S W BERNARD, E PUB RD, W COULEE 67 AC IN S/2 SEC 86 T 14 R 3 E 203-1697 IMP

Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
AG LANDS CLASS II	5,600	0	5,600	\$560	\$0	\$560	10%
AG LANDS CLASS III	560	0	560	\$56	\$0	\$56	10%
AG LANDS CLASS IV	93,380	0	93,380	\$9,338	\$0	\$9,338	10%
FRESH WATER MARSH	10,990	0	10,990	\$1,099	\$0	\$1,099	10%
RESIDENTIAL NON SUB. LOT	36,000	0	36,000	\$3,600	\$0	\$3,600	10%
SINGLE FAMILY RES	0	500	500	\$0	\$50	\$50	10%
UND RES. IMPROVEMENTS	0	520	520	\$0	\$52	\$52	10%
Totals:	146,530	1,020	147,550	\$14,653	\$102	\$14,755	

Not a Legal Document.

Subject to terms and conditions.

www.actDataScout.com

Tax Year 2025

(Uncertified)

Special Assessments:

Assessment	Millage	Parish or City	Total Tax	Homestead Credit	Tax Amount
7th Ward Gravity DD #2	19.26	P	\$284.18	\$0.00	\$284.18
ABBV Harbor & Terminal	3.28	P	\$48.40	\$0.00	\$48.40
Assessment District	2.52	P	\$37.18	\$0.00	\$37.18
Consolidated Schools 10M	9.64	P	\$142.24	\$0.00	\$142.24
Consolidated Schools 25M	24.09	P	\$355.45	\$0.00	\$355.45
Fire 7th Ward	10.28	P	\$151.68	\$0.00	\$151.68
Health Unit	2.62	P	\$38.66	\$0.00	\$38.66
Law Enforcement	9.52	P	\$140.47	\$0.00	\$140.47
Library Maint	4.46	P	\$65.81	\$0.00	\$65.81
Parish Road Maint	3.34	P	\$49.28	\$0.00	\$49.28
Parish School	4.54	P	\$66.99	\$0.00	\$66.99
Parishwide (EX A&K)	4.14	P	\$61.09	\$0.00	\$61.09
Road Dist 7	8.69	P	\$128.22	\$0.00	\$128.22
T-V-F-W District	1.42	P	\$20.95	\$0.00	\$20.95
Totals:	107.80		\$1,590.60	\$0.00	\$1,590.60

Note: Due to rounding errors, please contact the Tax Collector for the exact taxes owed.

Parcel Owner Information:

Name	Percent of Ownership	Ownership Began	Ownership Ended
KIBBE, WINNIE, LLC	100.00%	2/1/2003	

Deed Transfers:

Date	Book	Page	Deed Type	Est. Sale	Grantee
2/1/2003			Boundary Agreement	\$0	THEALL, GARY F #R7204000
1/1/2003			Succ	\$0	KIBBE, WINNIE #R7204000
12/1/2002			Succ	\$0	KIBBE, WINNIE #R7204000

Extended S-T-R:

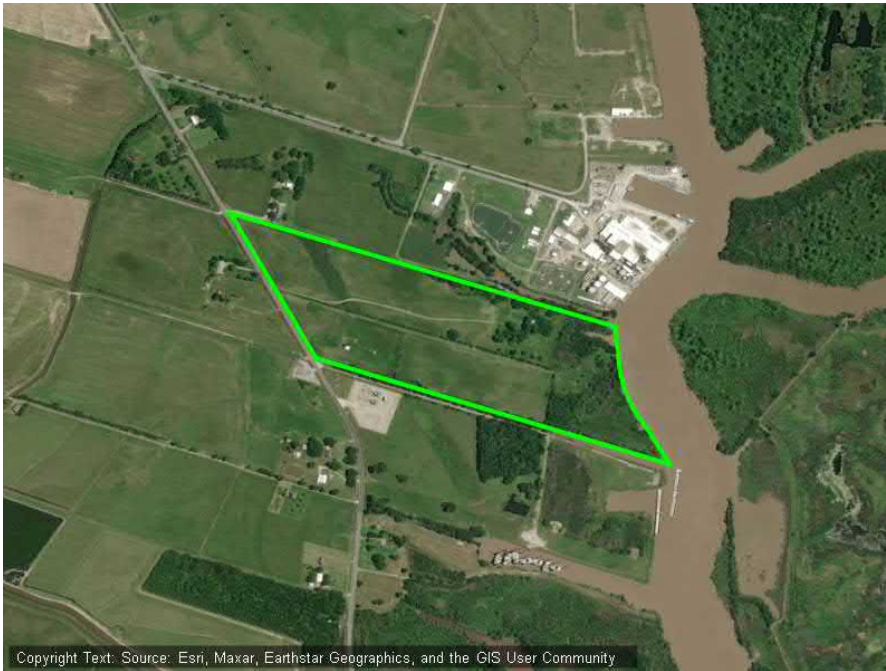
22-14-03E, 87-14-03E, 21-14-03E, 16-14-03E, 20-14-03E, 15-14-03E, 86-14-03E

Not a Legal Document.

Subject to terms and conditions.

www.actDataScout.com

Map:



Tax Year 2025

(Uncertified)

Property Owner

Name: LYNCH, MARY CATHERINE

Property InformationPhysical Address: 0
0Mailing Address: 324 N WILDERNESS TRAIL
CARENCRO, LA 70520

Subdivision: No Subd

Block / Lot: N/A / N/A

Type: (AV) Agri Use/Vacant

S-T-R: 18-14-03E

Tax Dist: (705) WD7 - RD7 - D7W - F7 - AHT

Size (Acres):

Millage Rate: 107.80

Restoration Tax
Abatement: No

Homestead Pct: 0.00

Special Assessment

Freeze: No

Extended Legal: 58.972 AC IN SEC 18 T 14 R 2 E TRACT 1-B-2-A (PLAT 2023000269) 20-12998 204-1433 209-13039 2023000269

Assessment Summary:

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
AG LANDS CLASS IV	13,110	0	13,110	\$1,311	\$0	\$1,311	10%
TIMBER CLASS IV < 3AC	160	0	160	\$16	\$0	\$16	10%
Totals:	13,270	0	13,270	\$1,327	\$0	\$1,327	

Special Assessments:

Assessment	Millage	Parish or City	Total Tax	Homestead Credit	Tax Amount
7th Ward Gravity DD #2	19.26	P	\$25.56	\$0.00	\$25.56
ABBV Harbor & Terminal	3.28	P	\$4.35	\$0.00	\$4.35
Assessment District	2.52	P	\$3.35	\$0.00	\$3.35
Consolidated Schools 10M	9.64	P	\$12.79	\$0.00	\$12.79
Consolidated Schools 25M	24.09	P	\$31.97	\$0.00	\$31.97
Fire 7th Ward	10.28	P	\$13.64	\$0.00	\$13.64
Health Unit	2.62	P	\$3.48	\$0.00	\$3.48
Law Enforcement	9.52	P	\$12.63	\$0.00	\$12.63
Library Maint	4.46	P	\$5.92	\$0.00	\$5.92
Parish Road Maint	3.34	P	\$4.43	\$0.00	\$4.43
Parish School	4.54	P	\$6.03	\$0.00	\$6.03
Parishwide (EX A&K)	4.14	P	\$5.49	\$0.00	\$5.49
Road Dist 7	8.69	P	\$11.53	\$0.00	\$11.53
T-V-F-W District	1.42	P	\$1.89	\$0.00	\$1.89
WOODLAND TAX .08/AC	0.08	SA	\$0.16	\$0.00	\$0.16
Totals:	107.80		\$143.22	\$0.00	\$143.22

Note: Due to rounding errors, please contact the Tax Collector for the exact taxes owed.**Not a Legal Document.**

Subject to terms and conditions.

www.actDataScout.com

Tax Year 2025
(Uncertified)

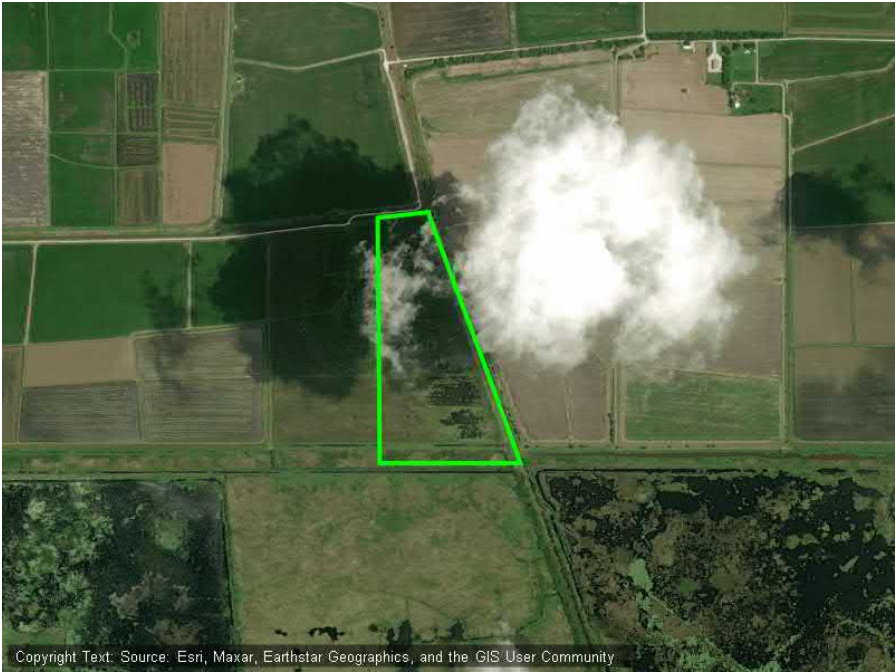
Parcel Owner Information:

Name	Percent of Ownership	Ownership Began	Ownership Ended
LYNCH, MARY CATHERINE	100.00%	12/1/2009	

Deed Transfers:

Date	Book	Page	Deed Type	Est. Sale	Grantee
1/9/2023			Plat		LYNCH, MARY CATHERINE
12/1/2009			Donation	\$0	LYNCH, MARY ZOE SAGRERA #R7303200

Map:



Copyright Text: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Tax Year 2025

(Uncertified)

Property Owner**Name:** S B M LAND MANAGEMENT, L L C
% KIMBLE SAGRERA**Property Information****Physical Address:** 0
0**Mailing Address:** 10427 U S HWY 167
ABBEVILLE, LA 70510-2243**Subdivision:** No Subd**Block / Lot:** N/A / N/A**S-T-R:** 18-14-03E**Type:** (AV) Agri Use/Vacant**Tax Dist:** (705) WD7 - RD7 - D7W - F7 - AHT**Size (Acres):****Millage Rate:** 107.80**Restoration Tax
Abatement:** No**Homestead Pct:** 0.00**Special Assessment****Freeze:** No**Extended Legal:** 147.221 AC IN SEC 18 T 14 R 3 E BEING TRACT 4-2 96-4379**Assessment Summary:**

Description	Land Value	Bldg Value	Total Value	Land Assessed	Bldg Assessed	Total Assessed	Percent
AG LANDS CLASS IV	33,810	0	33,810	\$3,381	\$0	\$3,381	10%
Totals:	33,810	0	33,810	\$3,381	\$0	\$3,381	

Special Assessments:

Assessment	Millage	Parish or City	Total Tax	Homestead Credit	Tax Amount
7th Ward Gravity DD #2	19.26	P	\$65.12	\$0.00	\$65.12
ABBV Harbor & Terminal	3.28	P	\$11.09	\$0.00	\$11.09
Assessment District	2.52	P	\$8.52	\$0.00	\$8.52
Consolidated Schools 10M	9.64	P	\$32.59	\$0.00	\$32.59
Consolidated Schools 25M	24.09	P	\$81.45	\$0.00	\$81.45
Fire 7th Ward	10.28	P	\$34.76	\$0.00	\$34.76
Health Unit	2.62	P	\$8.86	\$0.00	\$8.86
Law Enforcement	9.52	P	\$32.19	\$0.00	\$32.19
Library Maint	4.46	P	\$15.08	\$0.00	\$15.08
Parish Road Maint	3.34	P	\$11.29	\$0.00	\$11.29
Parish School	4.54	P	\$15.35	\$0.00	\$15.35
Parishwide (EX A&K)	4.14	P	\$14.00	\$0.00	\$14.00
Road Dist 7	8.69	P	\$29.38	\$0.00	\$29.38
T-V-F-W District	1.42	P	\$4.80	\$0.00	\$4.80
Totals:	107.80		\$364.48	\$0.00	\$364.48

Note: Due to rounding errors, please contact the Tax Collector for the exact taxes owed.**Not a Legal Document.**

Subject to terms and conditions.

www.actDataScout.com

Tax Year 2025

(Uncertified)

Parcel Owner Information:

Name	Percent of Ownership	Ownership Began	Ownership Ended
S B M LAND MANAGEMENT, L L C	100.00%	4/1/1996	

Deed Transfers:

Date	Book	Page	Deed Type	Est. Sale	Grantee
4/1/1996			Donation	\$0	SAGRERA, KIMBLE A #R7350301
4/1/1996			Donation	\$0	SAGRERA, SHAWN B #R7356700
4/1/1996			Donation	\$0	SAGRERA, CINDY C #R7347402
4/1/1996			Donation	\$0	SAGRERA, TESSA C #R7357510

Map:

Copyright Text: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community