



LOUISIANA NATURAL AND SCENIC RIVERS SYSTEM

PERMIT APPLICATION

Permit # _____ (Assigned by Department)

The Louisiana Department of Wildlife and Fisheries' Scenic Rivers program is authorized by LRS title 56, Chapter 8 Part II. This law requires permits authorizing activities in or affecting rivers that have been designated by the Louisiana Legislature as Natural and Scenic. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary, however, the data requested necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

APPLICANT INFORMATION

Name of Applicant	Beauregard Parish Police Jury	Name of Agent (if any)	Erik Mayo
Address	201 W. 2nd Street	Address	7922 Summa Ave, Suite A3-A4
City, State, Zip	DeRidder, LA 70634	City, State, Zip	Baton Rouge, LA 70809
Phone	(337) 786-3311	Phone	225-485-1558
Email Address		Email Address	emayo@timablierresources.com

DESCRIPTION OF THE PROPOSED ACTIVITY

Brief summary of the description and purpose of the proposed activity (details to be attached as a separate document)

Remove approximately 6,325 cu yards of post-Hurricane Laura debris from approximately 90 miles of Bundick Creek, Hickory Branch, and Flat Creek to improve drainage throughout the area. The majority of identified debris consist of downed trees and miscellaneous biological debris, with a few man-made items including small boats and footbridges. Details of the identified debris location are attached to this application.

Is any portion of the activity complete? YES or ☒ NO (If yes, indicate month and year of completion)

LOCATION OF PROPOSED ACTIVITY

Stream Name	Bundick Creek and Hickory Branch
Address	
City, State, Zip	
Parish	Beauregard
Sec/Township/Range	
Latitude/Longitude	30.670656 -93.184875

ADJACENT LANDOWNERS

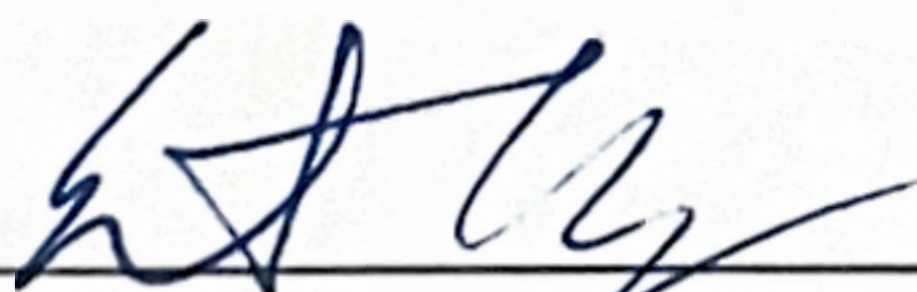
Names, Addresses, Phone Numbers of Adjacent Landowners
See attachment

ENVIRONMENTAL ASSESSMENT

Must be a separate document. See the attached instruction sheet for completing the assessment.

CONFIRMATION OF INFORMATION ACCURACY

Application is hereby made for a Scenic River Permit to authorize the activities described herein. I certify that I am familiar with the information contained in this application and that, to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities, or I am acting as the duly authorized agent of the applicant.


Signature

6/11/2026
Date

JEFF LANDRY
GOVERNOR



TYLER M. BOSWORTH
SECRETARY

PO BOX 98000 | BATON ROUGE LA | 70898

Dear Scenic River Permit Applicant:

Please review and concur on the following statement regarding the issuance of permits by the Louisiana Department of Wildlife and Fisheries. This agreement must be signed and returned before a Scenic River Permit can be issued.

"I have been advised and do understand that by applying for and accepting a Scenic Rivers permit issued by the Louisiana Department of Wildlife and Fisheries, I am being allowed to engage in an activity which would otherwise be prohibited by law or for which a permit is required. I understand that the permit is not a license and confers no property right upon me. I specifically agree to abide by all State and Federal fish and wildlife laws and regulations, and all State and Federal laws and regulations which relate to this permit or the permitted activity, and by all other terms and conditions of this permit. I understand that the permit for which I am applying may be suspended, annulled, withdrawn or revoked and that I may be assessed civil penalties, all in accordance with the provision of the Louisiana Administrative Procedure Act, and that I may be denied future permits as a consequence of my failure to fully and completely comply with the terms and conditions of the permit, as well as other laws and regulations pertinent thereto. If served with or notified of a cease and desist order signed by the Scenic Rivers Administrator, I agree to immediately and without delay cease all activities and operations which relate to the permitted activity or which are impacting the Scenic River, until such time as the matter can be resolved in an adjudicatory hearing pursuant to the Louisiana Administrative Procedure Act. I understand and agree that any permit issued to me by the Louisiana Department of Wildlife and Fisheries is in the nature of a privilege which is being voluntarily extended to me by the Department and the failure on my part to cooperate with the Department can result in the loss of the privilege conferred and the denial of future requests for permits. By accepting this permit, I evidence my agreement to be bound by all conditions and stipulations set forth herein."


Authorized Signature

6/11/2026
Date

REV. 5/23/25

Louisiana Scenic Stream Permit Application
Permit Application for Beauregard Parish Drainage Project
Hickory Branch – Disaster Related Storm Debris Removal
June 12, 2026

Work Plan Narrative

Beauregard Parish Hickory Branch Drainage Project Management Work Plan

A. Project Description

The Beauregard Parish Police Jury (BPPJ) proposes to remove approximately 2,530 cubic yards of post-Hurricane Laura storm debris from approximately 42 river miles of drainageways to improve drainage throughout the area. The majority of the identified debris consists of downed trees and miscellaneous biological debris, along with a limited number of manufactured items, including small boats and footbridges. The BPPJ will use a state and federally approved off-site disposal location. In addition, the debris removal team is aware of canopy removal restrictions and other standard permit conditions applicable to debris removal projects.

The purpose of this effort is to restore the site's pre-storm hydraulic capacity and flow, thereby decreasing the likelihood of upstream flooding and protecting associated riparian and aquatic habitats. The proposed action is limited to storm-related debris and will focus on downed trees, in-stream accumulations of loose woody debris, and anthropogenic waste such as plastic and white goods. Pre-existing large snags, waterlogged stumps, and other non-storm-related woody debris will not be removed unless such material prevents the removal of storm-related debris. In all cases, the proposed project will limit debris removal to less than 50% of the natural woody debris in the waterways.

The debris monitor and project manager identified eligible debris in the field based on the approved scope, permit conditions, project limits, obstruction criteria, and applicable agency-specific eligibility guidance. The debris monitoring team documented debris locations using GPS coordinates and photographs. FEMA and the New Orleans District of the U.S. Army Corps of Engineers have reviewed and approved these identified debris items.

The contractor shall use equipment that complies with the requirements, limitations, and conditions established by the U.S. Army Corps of Engineers permit, project specifications, and all applicable federal, state, and local regulatory requirements. The contractor shall select equipment capable of performing the work without causing unauthorized dredging, channelization, bank disturbance, wetland impacts, or damage to non-target vegetation or other natural resources. Before mobilization, the contractor shall submit equipment specifications, cut sheets, or other documentation, as requested by the project team, to demonstrate compliance with permit conditions and project requirements. The contractor shall submit any proposed changes or substitutions to approved equipment for review and approval before using such equipment within the project area

The contractor will remove debris from the waterways using an amphibious excavator equipped with a chipper head and/or grapple, in conjunction with a barge. The contractor will not use bucket attachments to remove debris. To protect water quality during debris removal activities, the project team will use an off-site disposal location.

In areas where sufficient draft allows a barge to float without adversely affecting the waterway bottoms, the contractor will transport debris by barge to designated access points. Barge operations will be limited to areas with adequate water depth and site conditions for safe operation without grounding, dredging, channel modification, bank disturbance, vegetation damage, or other unauthorized environmental impacts. From those access points, the contractor will then transport debris by truck to an off-site, non-wetland disposal location. These methods are intended to keep environmental protection a primary consideration throughout debris removal activities. Where barge access is not feasible or permitted, the contractor shall use alternative methods consistent with permit conditions and project requirements. Alternative methods may be hand-clearing if necessary in shallow, narrow, or sensitive areas.

When the contractor does not use a barge, the contractor will remove debris using the least-impact practicable method based on site access, water depth, bank height, and permit conditions. Removal methods may include marsh buggy or amphibious equipment, long-reach excavator access from stable upland areas, or other approved equipment. The contractor will limit work to the removal of eligible debris and will not conduct unauthorized dredging, excavation, channelization, channel realignment, clearing and snagging, grubbing, or removal of natural woody material outside the approved project limits. The contractor will manage temporary access, stockpiling, and handling in a manner that avoids unnecessary bank disturbance, rutting, sedimentation, and impacts on riparian vegetation.

A qualified debris monitoring contractor experienced in FEMA-compliant debris operations shall monitor and document project progress and debris removal activities. The monitoring firm shall use an automated debris management system (ADMS) with GPS tracking, photographic documentation, load verification capabilities, and other industry-standard technologies necessary to document the work performed. The debris monitoring contractor shall provide the oversight, documentation, and quality assurance measures necessary to verify contract compliance and support eligibility under applicable FEMA policies and guidance. Monitoring personnel shall maintain records of debris removal activities, quantities, locations, and operational progress in accordance with project requirements and regulatory standards. The debris monitoring contractor shall provide daily reports documenting project activities and progress to the project team throughout the duration of the project.

The debris monitoring firm will prepare daily monitoring reports for each active workday. The firm will maintain the reports in PDF or another agreed-upon digital format, and each report will include:

- date;
- start/stop times;
- weather and water conditions;
- crew and equipment present;
- specific work reach/location;
- GPS coordinates;
- before, during, and after photographs;
- debris type and estimated/verified quantity;
- disposal/staging information;
- permit-condition observations;
- and any issues, corrective actions, or agency communications.

The debris monitoring firm will submit reports to the project manager daily and compile them for transmittal to LDWF and other regulatory agencies at the frequency required by the permit or upon request. The final closeout package will include all daily reports, representative photographs, debris quantity summaries, disposal documentation, and a statement of permit compliance.

B. Removal Criteria

Because the Louisiana Department of Wildlife and Fisheries administer the Natural and Scenic Rivers regulations, those regulations limit the type and amount of natural woody debris that the project may remove. BPPJ proposes to use the following criteria to determine which debris the contractor will remove and which debris will remain as a natural constituent of the river system.

Large Woody Debris:

The contractor will remove any large woody debris directly identified as a storm impact.

Large woody debris that demonstrate characteristics of integration into the waterway systems over time shall remain, except where the contractor must remove portions to facilitate equipment access through the relevant reach.

The project team used the following criteria to determine which large woody debris is recent and therefore subject to removal:

- a. Trees still possessing large areas of intricate twig patterns;
- b. Trees possessing in-tact bark for the majority of the trunk area;
- c. Trees that are free-floating or have very little of their branch or root network becoming integrated into the riverbank or bottom;
- d. Trees extending entirely across the waterway (bank to bank), likely to impede flow and access, or to promote large accumulations of small debris such that flow is significantly restricted.
 - i. Debris not identified from Hurricane Laura will be cut and pushed to the sides of the channel to allow access while maintaining the minimum . 50% debris load in the creek.

The project team used the following criteria to determine which large woody debris pre-dates and post-dates the subject storm events and therefore must remain, except for any cuts required to achieve access:

- f. Trees directly identifiable as trees that fell before the subject storm events;
- g. Trees possessing little in-tact bark;
- h. Trees that have lost much of the intricate twig networks or leaf retention that would indicate a recent fall;
- i. Trees becoming significantly integrated into the riverbed;
- j. Trees lying along the bank, but laying along the riverbank with very little intrusion into the main river waterway;
- k. Submerged, or mostly submerged trees and logs;
- l. Large woody debris in any form or amount constituting 50% or more of the total estimated in-stream woody structure.

Both large and small vegetative growth anchored to the bank, which contributes to the bank's roughness and energy-dissipating functions, shall remain undisturbed.

project's scope does not include removal of riverbank vegetation, and the BPPJ will instruct the contractor accordingly.

C. Transportation/Disposal

The contractor will temporarily stage removed debris only in approved upland or stable bank areas where the material will not re-enter the waterways, obstruct flow, damage riparian vegetation, or create sedimentation. The contractor may use equipment such as skid steers, loaders, excavators, or haul trucks to move debris from approved staging areas to designated haul routes. The contractor will transport debris to an approved final disposal, recycling, grinding, or vegetative debris management site, as applicable. The project team will maintain disposal tickets, load records, quantity records, and staging/disposal photographs as part of the project documentation.

Where waterway depth and width provide suitable access for a barge, the contractor will identify debris, cut it to appropriate lengths, and load it onto the barge using an amphibious excavator with a grapple attachment. Once full, the contractor will float the barge to the nearest easily accessible road crossing or other stable, non-wetland access point for the relevant reach. Equipment on the bank will unload the barged debris into trucks, and the contractor will haul the load to an off-site disposal area.

The project will use a state approved final disposal site located on private property at 30° 49' 18.42"N 93°12'44.89"W. This property has an ingress/egress entry point at 30° 49' 18.46"N 93°12' 31.92". A map of the state approved final disposal site location is included as an attachment to this permit.

D. Description of No Action Alternative

The proposed project is the only alternative that would protect the Hickory Branch ecosystem from further debris-related damage while considering local socioeconomic and environmental concerns; therefore, this document considers only the proposed action and no-action alternatives. If the BPPJ takes no action to remove debris from the proposed project area, water quality and quantity will continue to decline. Debris accumulations would likely alter river flow, accelerate bank erosion, force significant waterway deflection, and encourage sediment accumulations mid-stream. Fallen debris within the waterways poses an immediate threat to existing riparian trees left undamaged by the storm and to surrounding communities, including businesses, property, schools, bridges, and single-family homes.

E. Project Location Maps

The attached figures show maps outlining the location of the proposed project areas on Hickory Branch.

F. Photographs

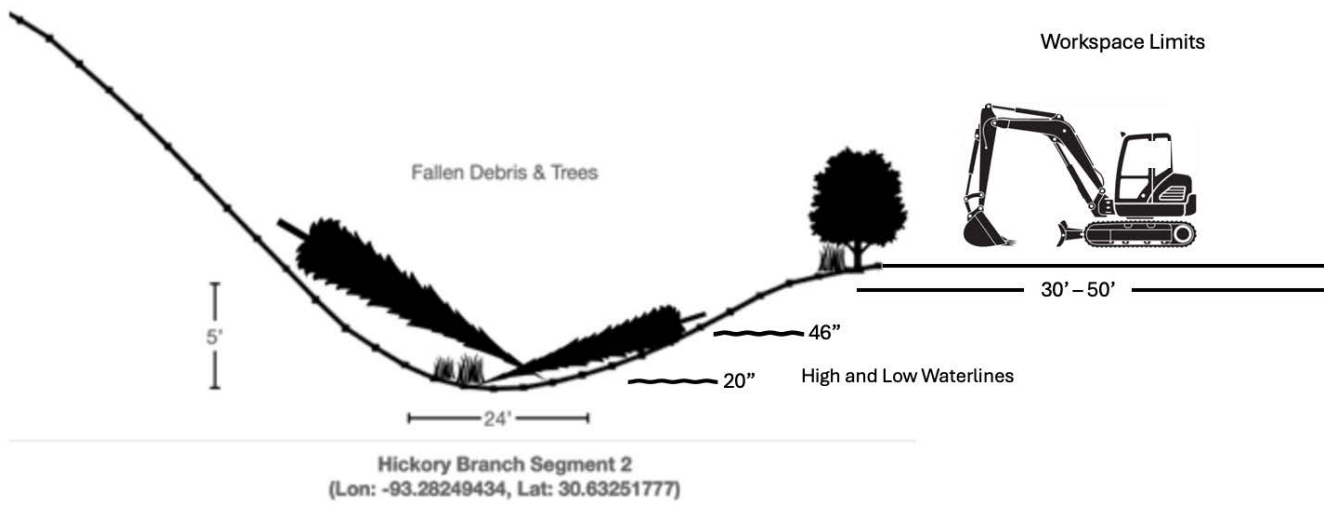
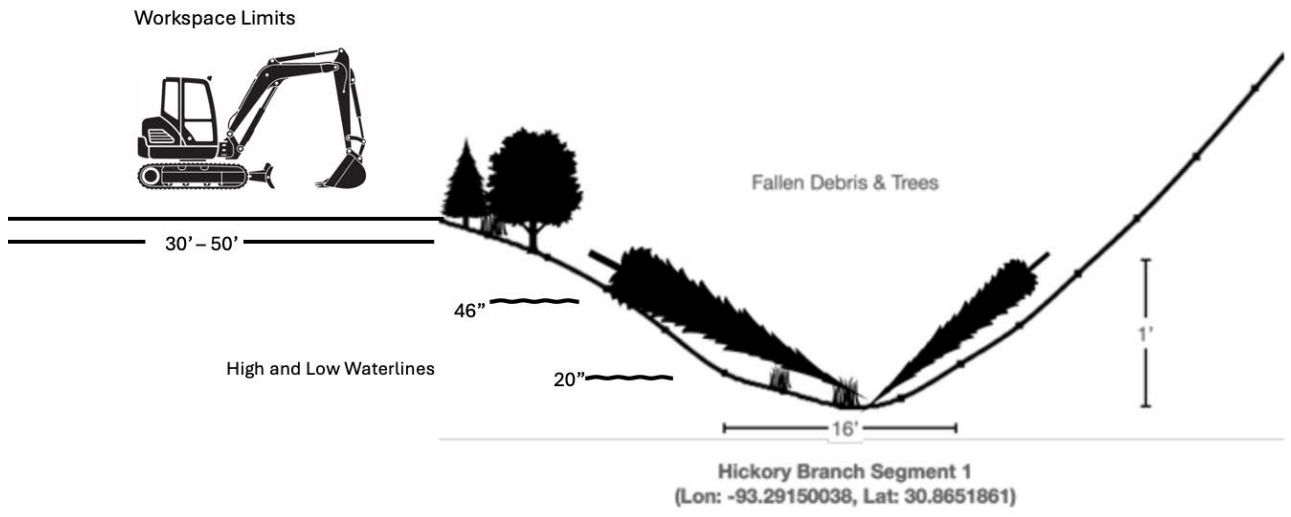
A drone captured the photographs shown in this application above the water surface. This document includes photographs to identify the proposed debris for removal.

G. Permits Required

The project requires a Department of the Army permit under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. The applicant submitted an application to the U.S. Army Corps of Engineers. The applicant anticipates that General Permit 159 will authorize the proposed work. The project also requires a Scenic Streams permit through the Louisiana Department of Wildlife and Fisheries (“LDWF”).

H. Statement of Compliance History

Beauregard Parish Police Jury does not have any known violations of the Scenic Rivers Act.



Environmental Assessment Scenic Rivers Permit Application

Introduction

This Environmental Assessment (EA) supports a Scenic Rivers Permit application for proposed debris removal activities within Hickory Branch in Beauregard Parish, Louisiana. This document evaluates potential environmental impacts associated with the proposed activities and demonstrates consistency with the Louisiana Scenic Rivers Act (La. R.S. 56:1841 et seq.) and associated regulatory requirements.

The proposed work is necessary to restore natural flow regimes, reduce localized flooding risk, and improve hydraulic efficiency following storm-related debris accumulation, primarily resulting from Hurricane Laura.

1. Existing Land Use:

LDWF designates Bundick Creek and Hickory Branch as natural/scenic rivers. Neighborhoods and three roadway crossings surround the waterways. Mixed pine/hardwoods with obligate hardwoods in the upstream bottomlands compose most of the streams' riparian zone. Along some of its length, cypress/tupelo swamps occupy backwater areas. The work needed to remove storm-related debris would not alter the existing land use. Removing downed debris that could potentially damage existing tree species unaffected by the storm event would provide a positive benefit by protecting the existing riparian zone. In turn, this removal would allow native species currently suppressed by downed debris to re-establish. Aerial photography included herein documents existing land use maps.

2. Wilderness Quality:

The proposed project will not adversely affect wilderness or rural qualities over the long term; however, equipment ingress and egress at specific locations, debris removal, and seeding may cause short-term impacts. The contractor would reseed disturbed land areas to expedite land recovery, and over time, the area is expected to recover, and vegetative cover is expected to reestablish.

3. Scenic/Aesthetic Value:

The proposed project will not adversely affect scenic or aesthetic value over the long term; however, equipment ingress and egress, debris removal, and seeding may cause short-term impacts. The proposed action will restore traditional aesthetics to the waterways by removing debris that currently disrupt the aesthetic value.

4. Ecological Regimes:

The proposed action is not expected to cause long-term negative impacts on any ecological systems present. Long-dead snags and other in-stream habitat structures not associated with the storm will remain and continue to support multiple river-dependent species.

5. Recreational Use/ Opportunities:

The proposed action will not hamper recreational opportunities, except during the actual proposed work. This project will have a short-term impact and will eventually improve recreational opportunities after removal, since storm debris accumulations hinder access to this asset.

6. Fish and Other Aquatic Life:

The proposed project will not adversely affect local fish and aquatic species over the long term; however, equipment ingress/egress and actual removal of debris from the impaired waterways may cause short-term impacts. Unattended storm debris is likely to move during subsequent rainfall events and potentially damage the already vulnerable riparian cover. Removing this debris will prevent further damage to fish and aquatic species by restoring natural flow characteristics, reducing bank erosion and stream channel distortion. The contractor will reseed any adjacent disturbed land areas to expedite land recovery, and over time, the area is expected to recover and vegetative cover to reestablish. Debris removal would facilitate natural recovery of the stream and associated ecosystem to pre-storm conditions.

7. Wildlife

The project area supports a variety of wildlife species typical of forested riparian ecosystems, including mammals, birds, reptiles, and amphibians. Several migratory bird species may occur within the project area. Federally and state-listed species potentially located in the area include the Louisiana pinesnake, red-cockaded woodpecker, and alligator snapping turtle. The project design avoids impacts on wildlife by limiting vegetation clearing, retaining large trees and canopy structures, retaining nesting trees, minimizing noise and disturbance, and keeping activities short.

8. Historical and Archaeological Resources:

The project team researched the Louisiana Department of Culture, Recreation, and Tourism State Historic Preservation Office archives for historical resources along the shorelines of Hickory Branch. If crews discover any historic resource sites during debris removal, the contracting officer will immediately stop all construction activities. A professional archaeologist would assess the site to determine potential impacts and required precautions before the debris removal process continues.

9. Geological Resources:

The proposed disaster relief efforts are not expected to significantly affect existing geological features because the project does not propose or require channelization or excavation for debris removal within the project area.

10. Botanical Elements (Vegetation):

The proposed project will not adversely affect local riparian and aquatic plant species over the long term; however, equipment ingress/egress and the actual removal of debris from the impaired waterways may cause short-term impacts. Clearing of ingress/egress paths will be necessary for access to the waterway. Natural regeneration of the disturbed area will offset any short-term impacts of the proposed action. Unattended storm debris is likely to move during subsequent rainfall events and potentially damage the already vulnerable riparian cover and aquatic plant community. Removing this debris will prevent further damage to wildlife habitats and fish and wildlife species.

11. Water Quality and Quantity:

Debris removal may cause short-term increases in turbidity; however, improved flow and reduced stagnation should provide long-term benefits. The project does not propose any discharges, dredging, or pollutant inputs.

12. Hydrological Features:

The proposed actions are not expected to significantly affect hydrological features over the long term. This action aims to return the waterways to a condition similar to their "pre-storm" hydrologic capacity. It aims to prevent stream alterations and accelerated bank erosion resulting from significant debris accumulations.

13. Cultural Resources:

The project team researched the Louisiana Department of Culture, Recreation, and Tourism State Historic Preservation Office archives for cultural resources along the shorelines of Hickory Branch. The proposed activity is not expected to adversely affect any cultural resources because the project proposes only tree and debris removal and does not propose ground disturbance, dredging, or filling. If crews discover any cultural resource sites during debris removal, the contracting officer will immediately stop all construction activities.

14. Economic Impact of Project:

The proposed project will not adversely affect the local economy. The proposed project would reduce the potential for related future damages by protecting bridges, roadways, schools, churches, and homes from flood damage and structural damage. Many bridges along Hickory Branch face a threat from debris expected to collect over time along bases and pilings on the upstream side. The heavy debris accumulations throughout the waterways' entire reaches increase the potential for flooding relative to the pre-storm floodplain and could adversely affect the economics of the surrounding communities if the BPPJ selects the no-action alternative. the no-action alternative.

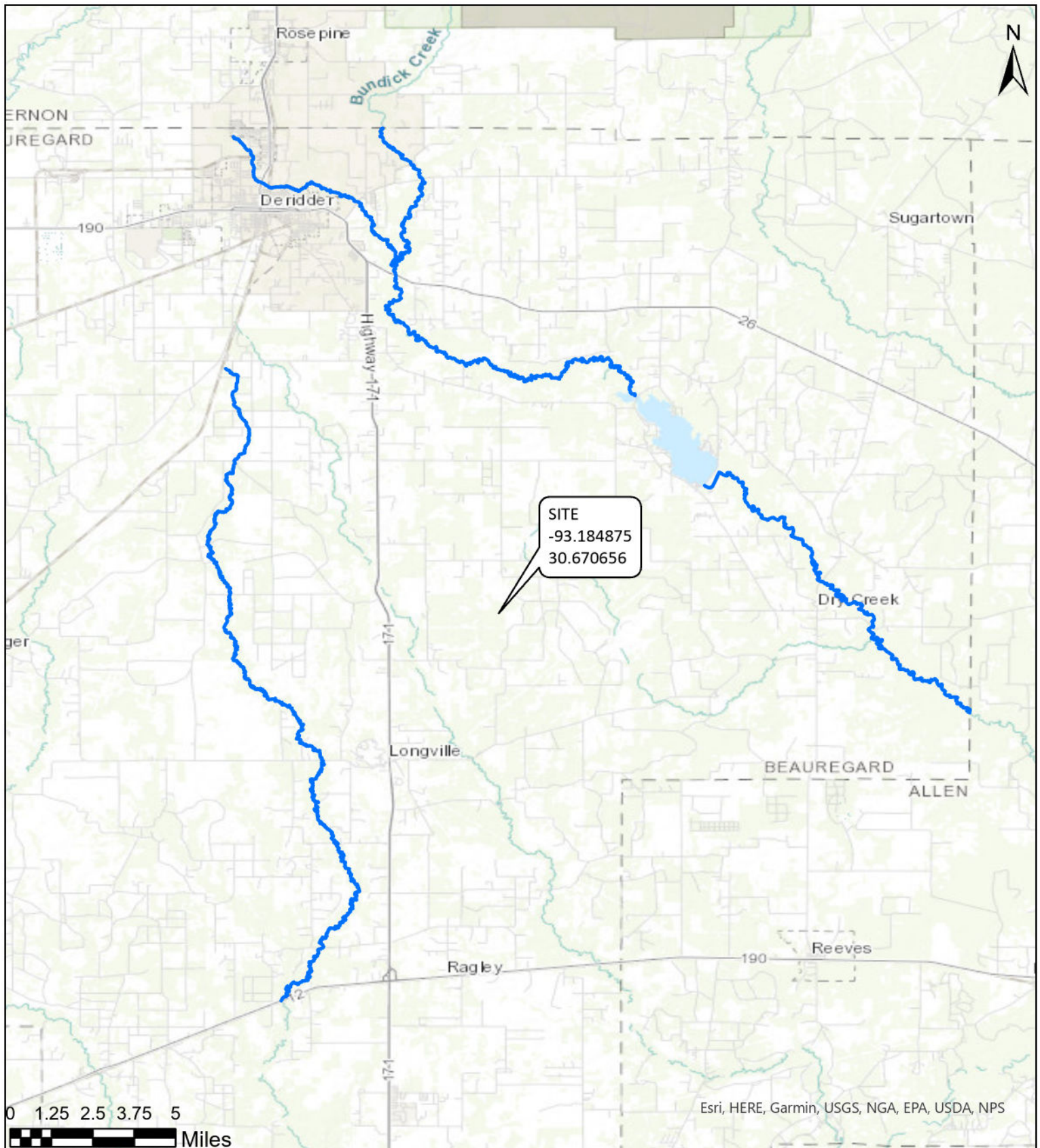
Conclusion

The proposed action to remove storm-related debris from Hickory Branch is not expected to cause significant negative impacts on socioeconomic or environmental resources. The proposed debris removal activities are consistent with the intent and requirements of the Louisiana Scenic Rivers Act. The project preserves natural stream morphology, minimizes impacts on wetlands and habitat, avoids significant environmental effects, and provides long-term ecological and hydrological benefits. Based on this assessment, the project is expected to result in **no significant adverse environmental impacts** and is suitable for approval under a Scenic Rivers Permit.

Figures

Figures 1 – 2 Vicinity Maps

Figures 3.32 - 3.31 Debris Locations Maps



Vicinity Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

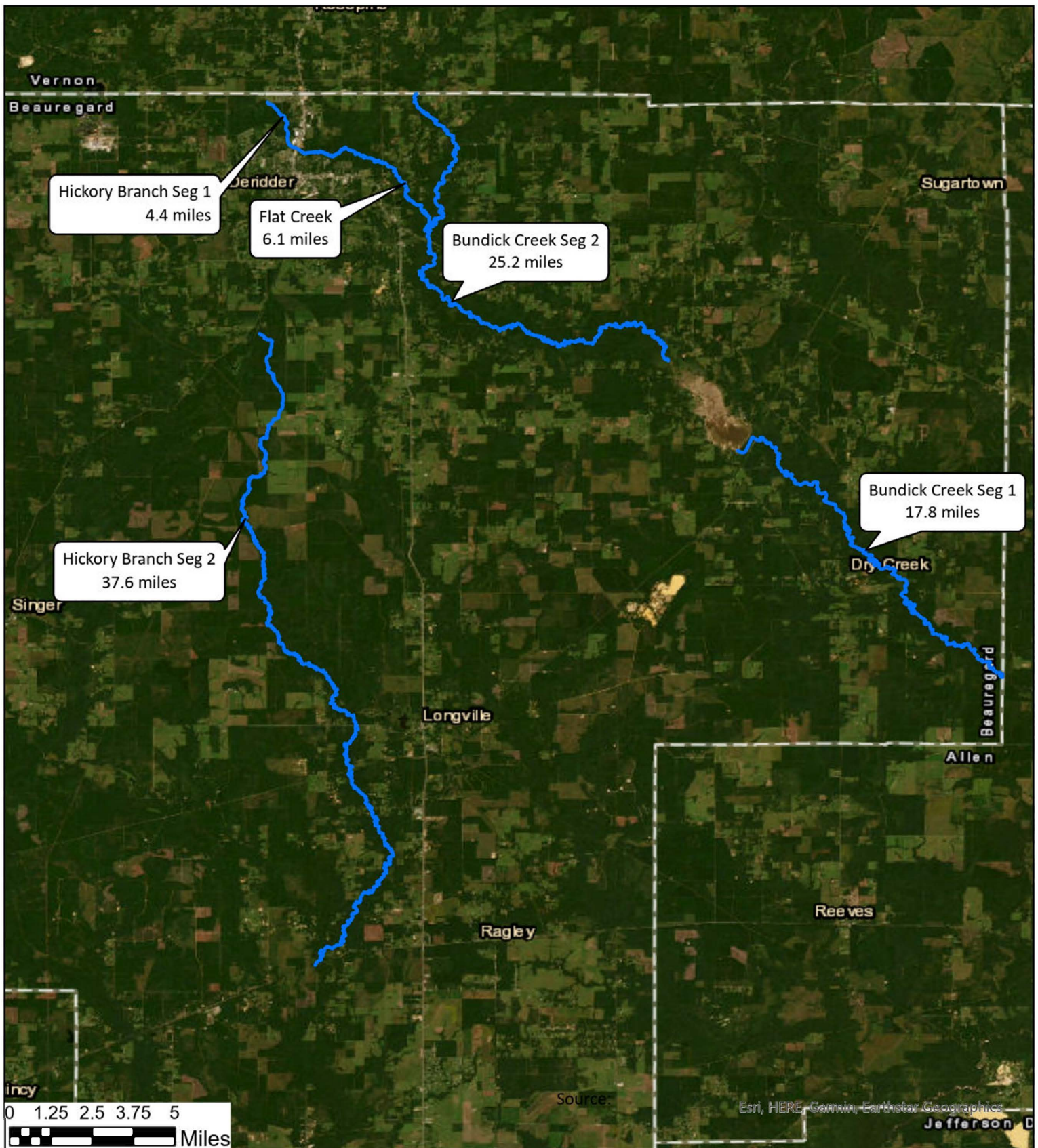
Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure 1



Site Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

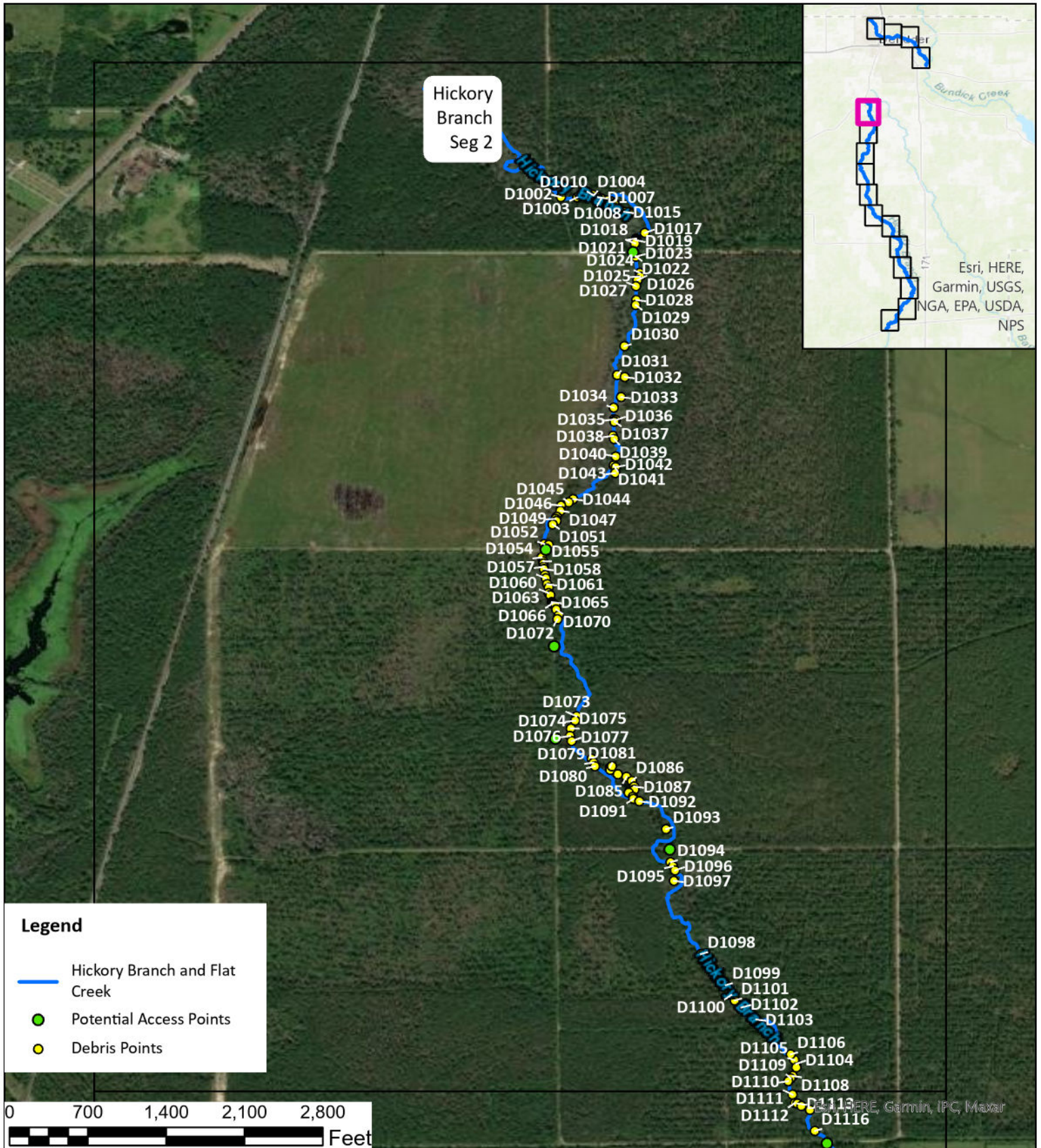
Beauregard Parish Police Jury
DeRidder, Louisiana

Created: CEO

Approved:

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Figure 2



Legend

- Hickory Branch and Flat Creek
- Potential Access Points
- Debris Points

0 700 1,400 2,100 2,800
Feet

Map Notes



Debris Locations Map

Beaugard Parish Drainage Project
Beaugard Parish, Louisiana

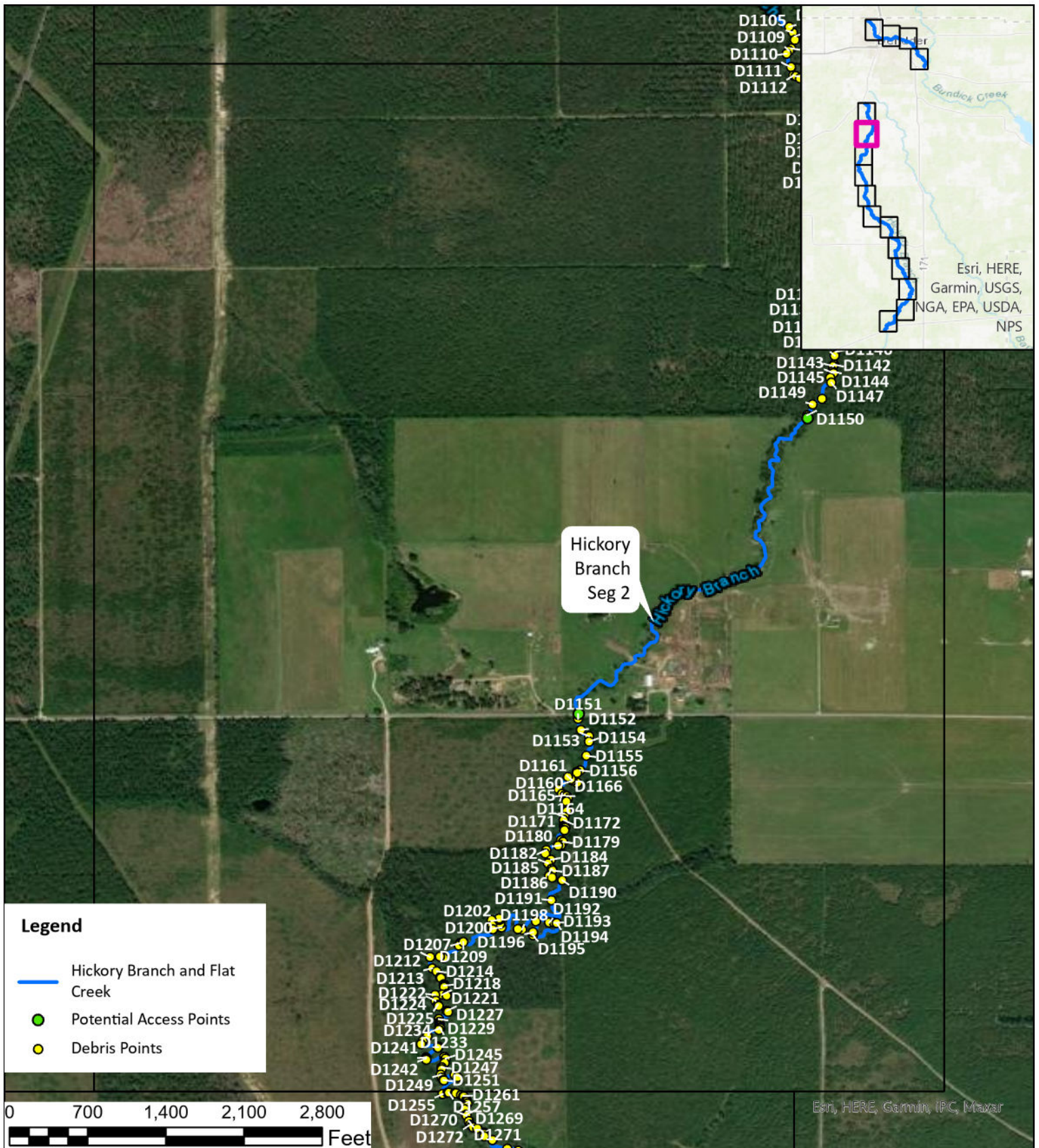
Beaugard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.21



Legend

- Hickory Branch and Flat Creek
- Potential Access Points
- Debris Points

0 700 1,400 2,100 2,800
Feet

Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

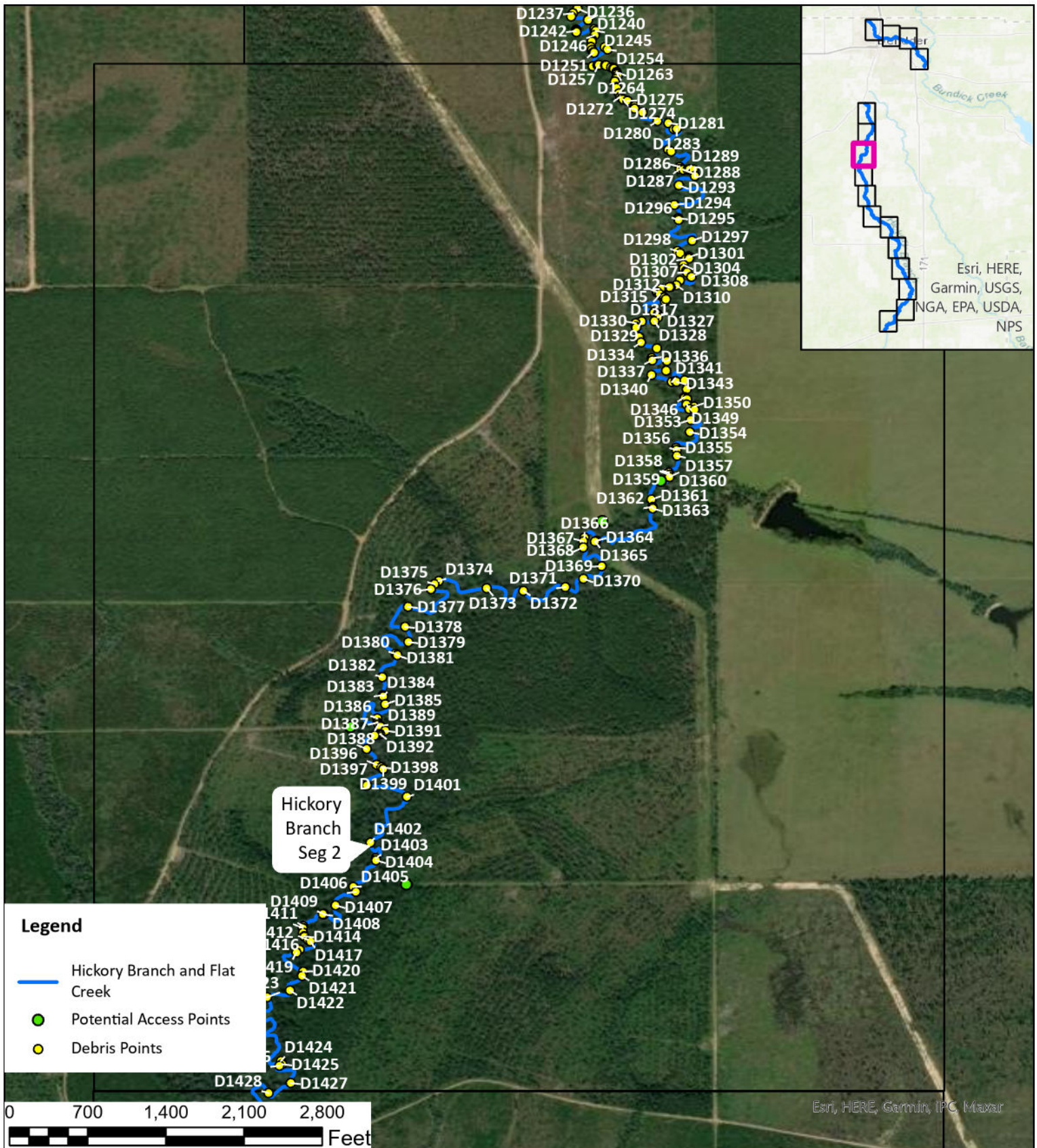
Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.22



Legend

- Hickory Branch and Flat Creek
- Potential Access Points
- Debris Points

Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

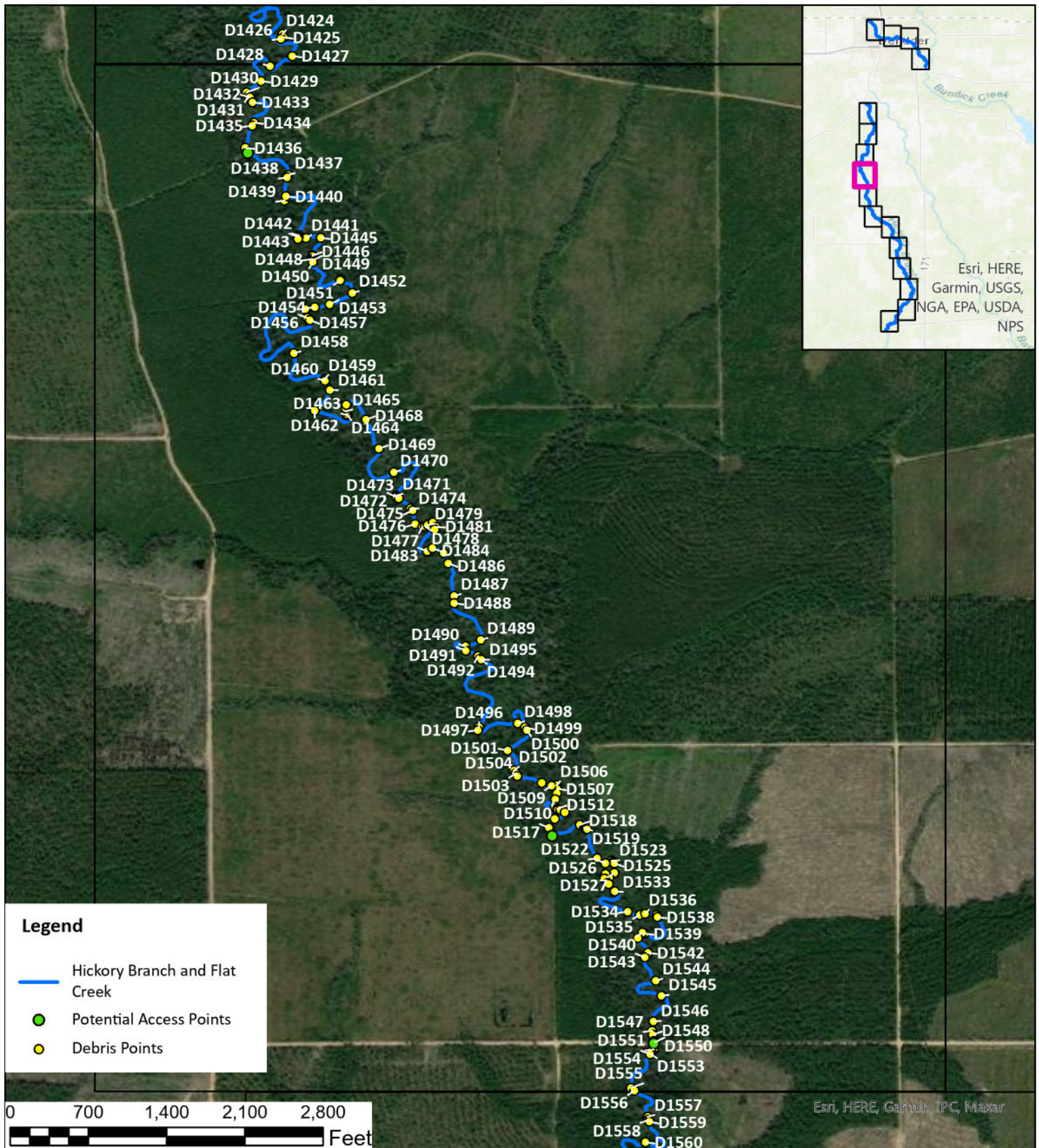
Beauregard Parish Police Jury
DeRidder, Louisiana

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Approved:

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Figure: 3.23



Legend

- Hickory Branch and Flat Creek
- Potential Access Points
- Debris Points

Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

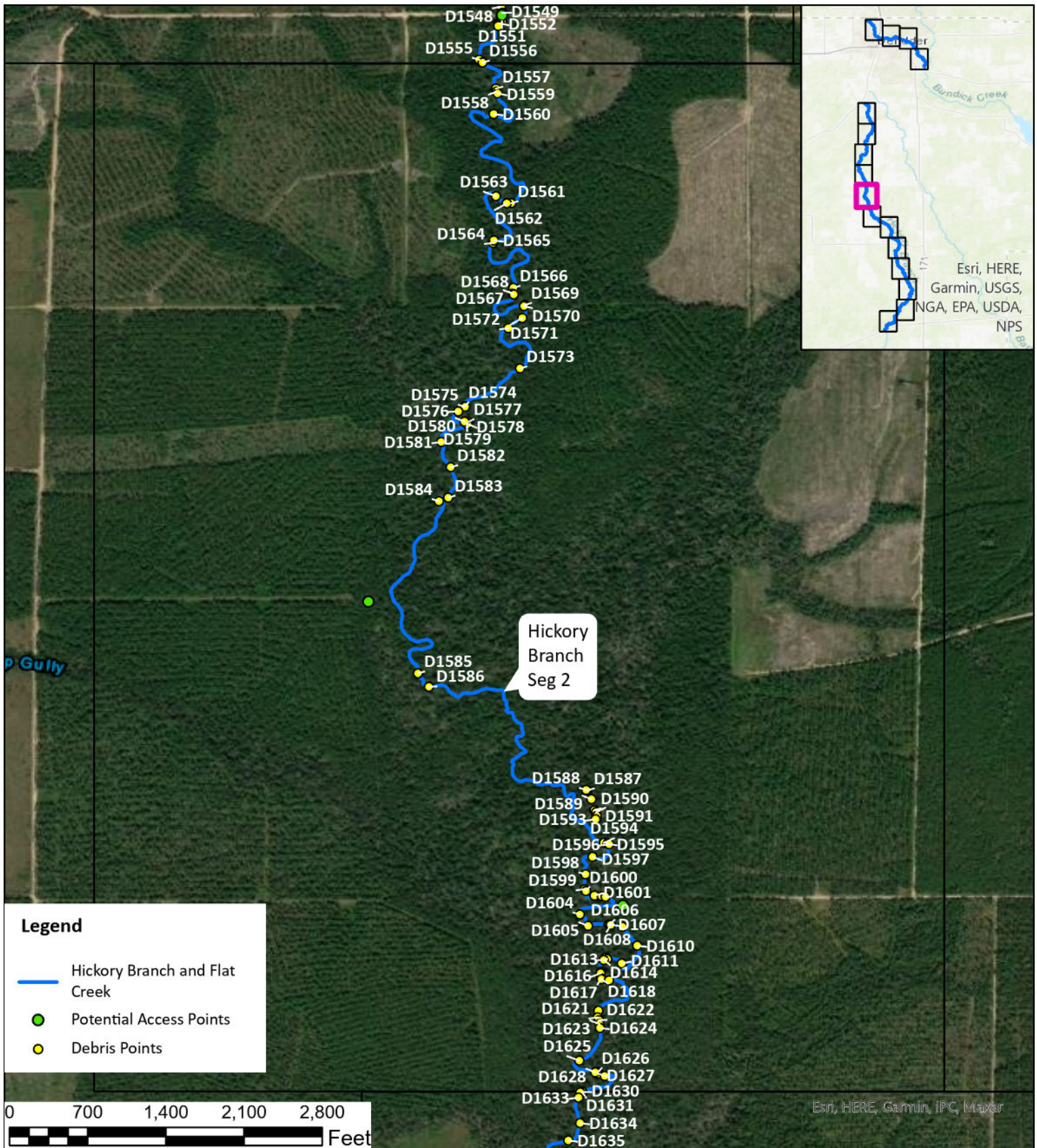
Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.24



Legend

- Hickory Branch and Flat Creek
- Potential Access Points
- Debris Points

0 700 1,400 2,100 2,800
Feet

Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

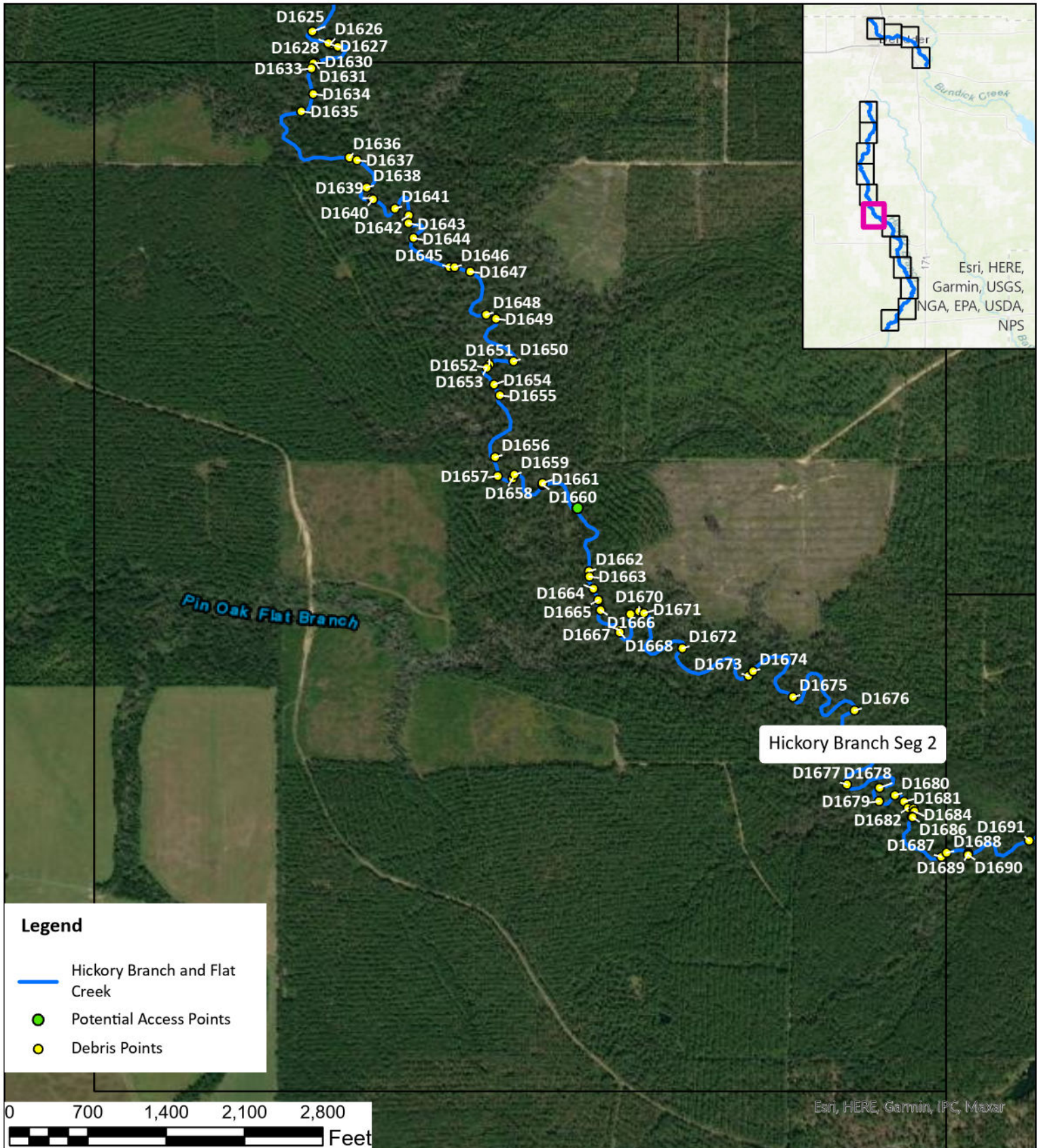
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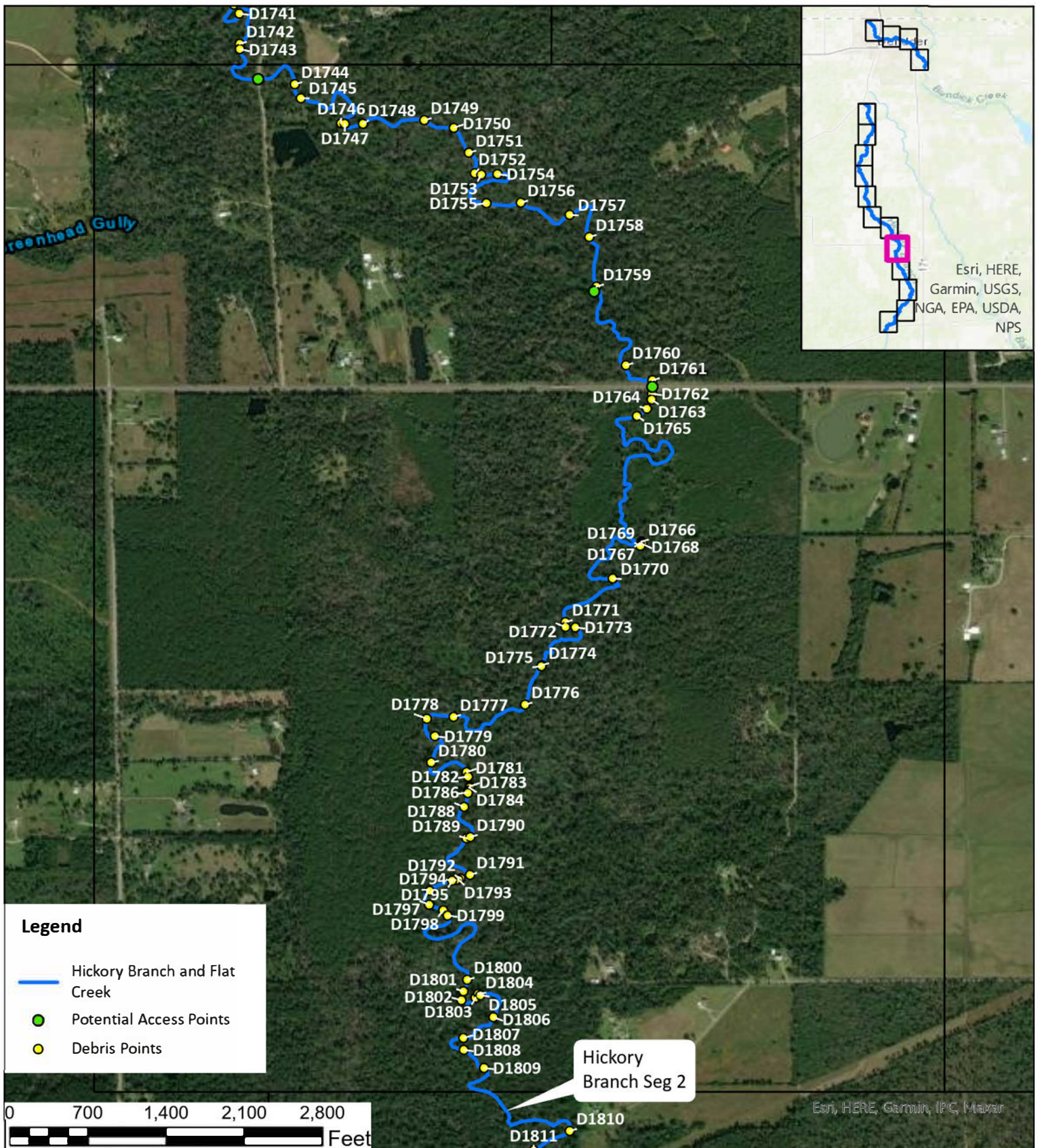
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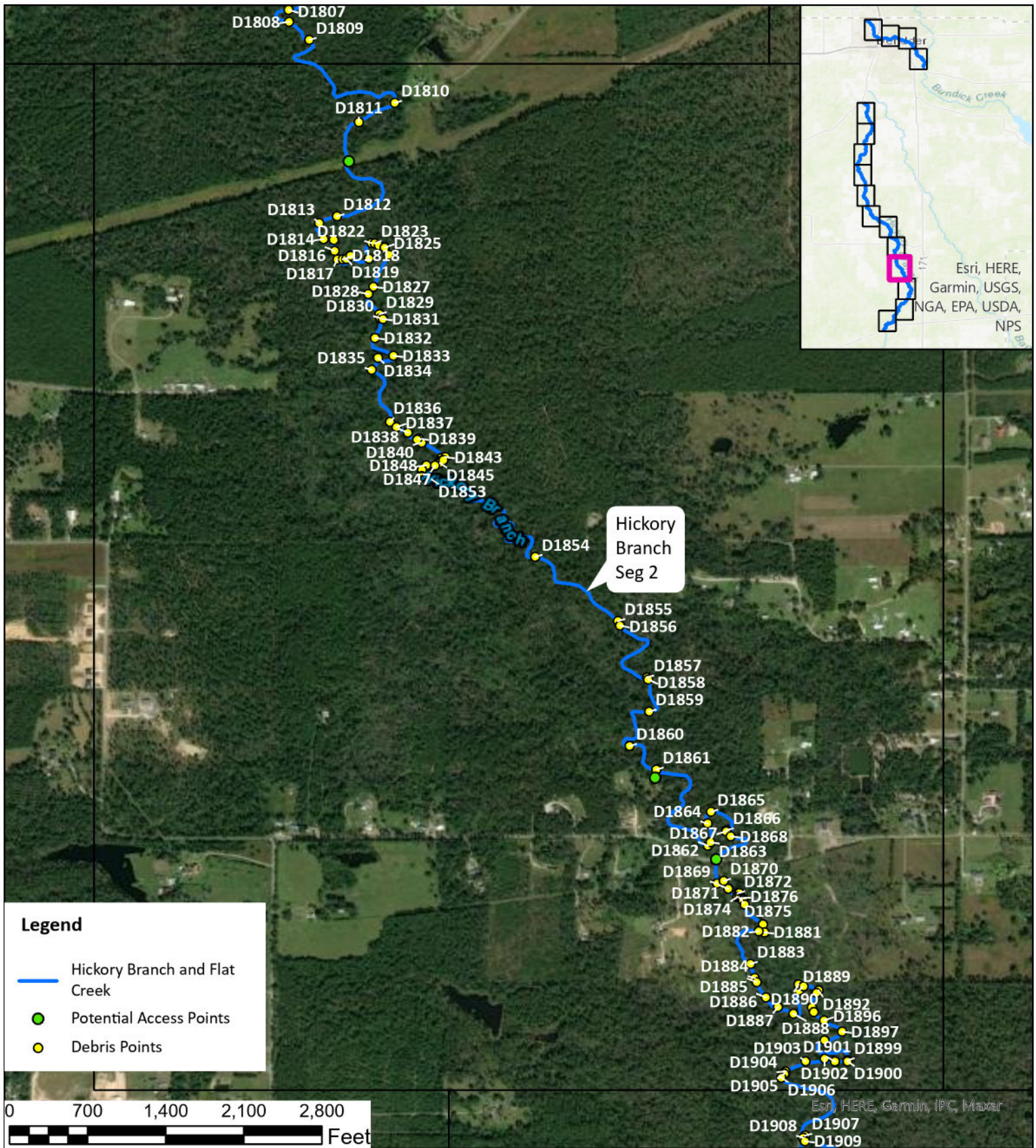
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Map Notes TIMBALIER RESOURCES	Debris Locations Map	
	Beauregard Parish Drainage Project Beauregard Parish, Louisiana	
	Beauregard Parish Police Jury DeRidder, Louisiana	
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Figure: 3.26		



	Debris Locations Map		
	Beauregard Parish Drainage Project Beauregard Parish, Louisiana		
	Beauregard Parish Police Jury DeRidder, Louisiana		
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Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

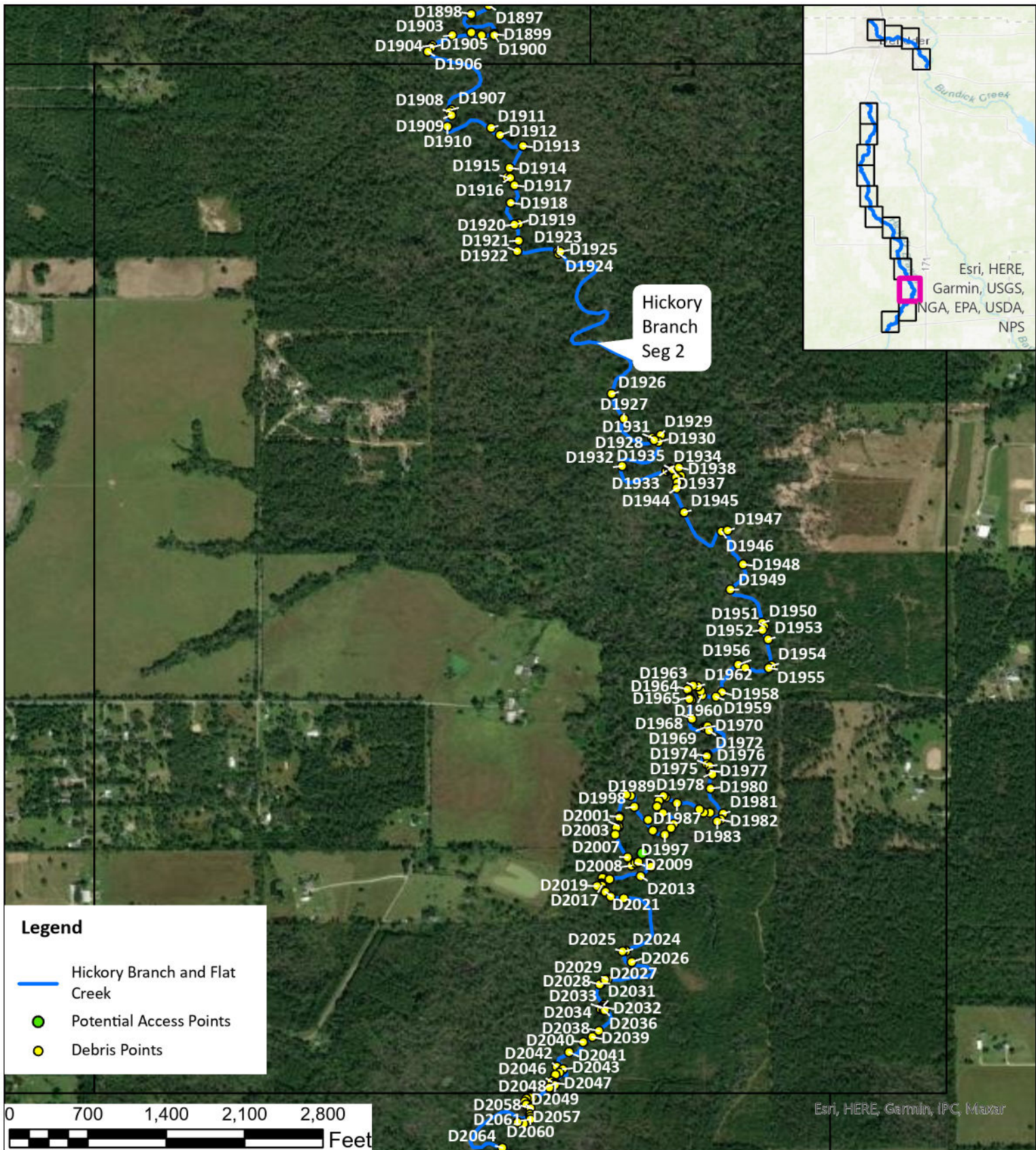
Beauregard Parish Police Jury
DeRidder, Louisiana

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Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

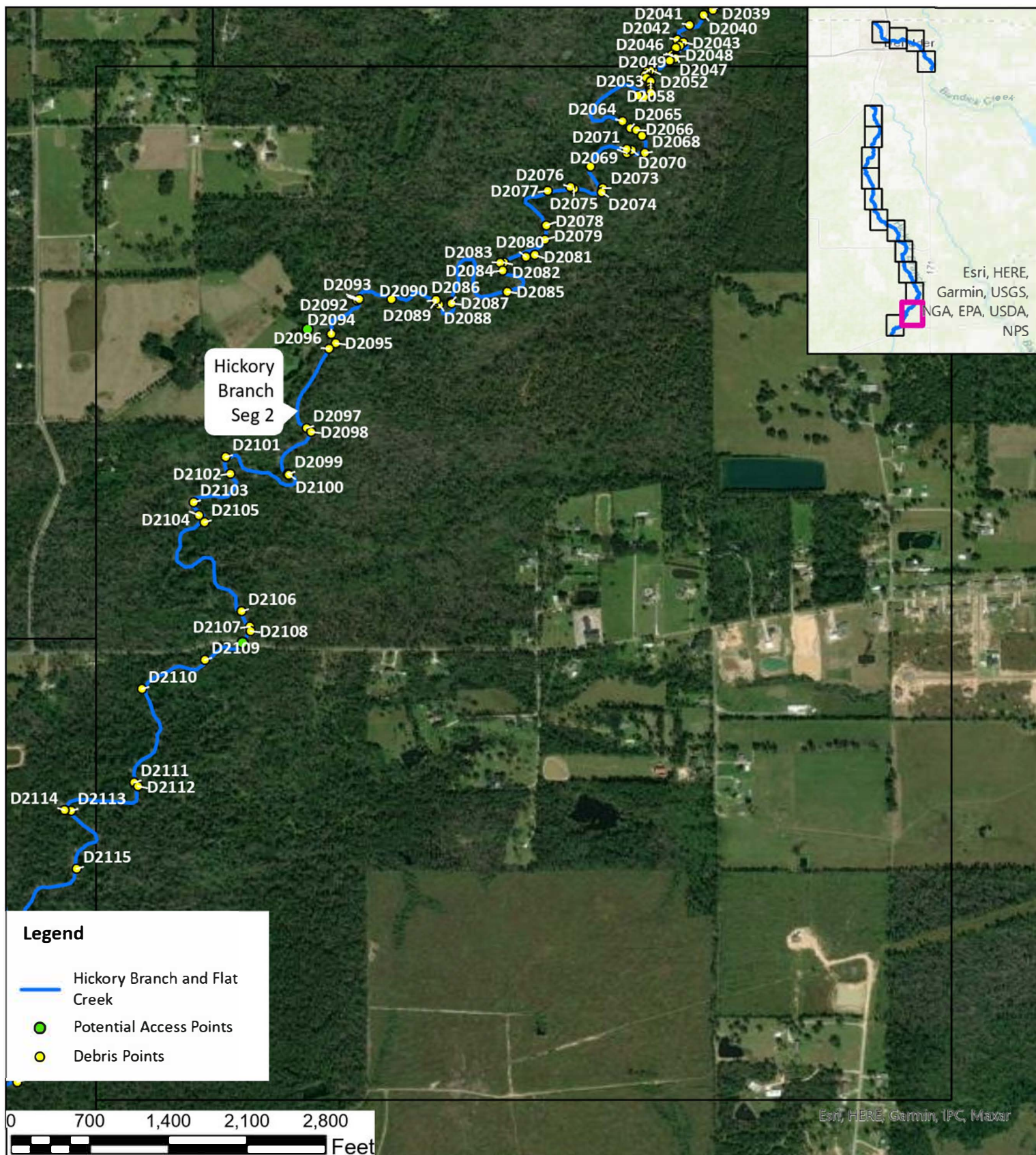
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DeRidder, Louisiana

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Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

Beauregard Parish Police Jury
DeRidder, Louisiana

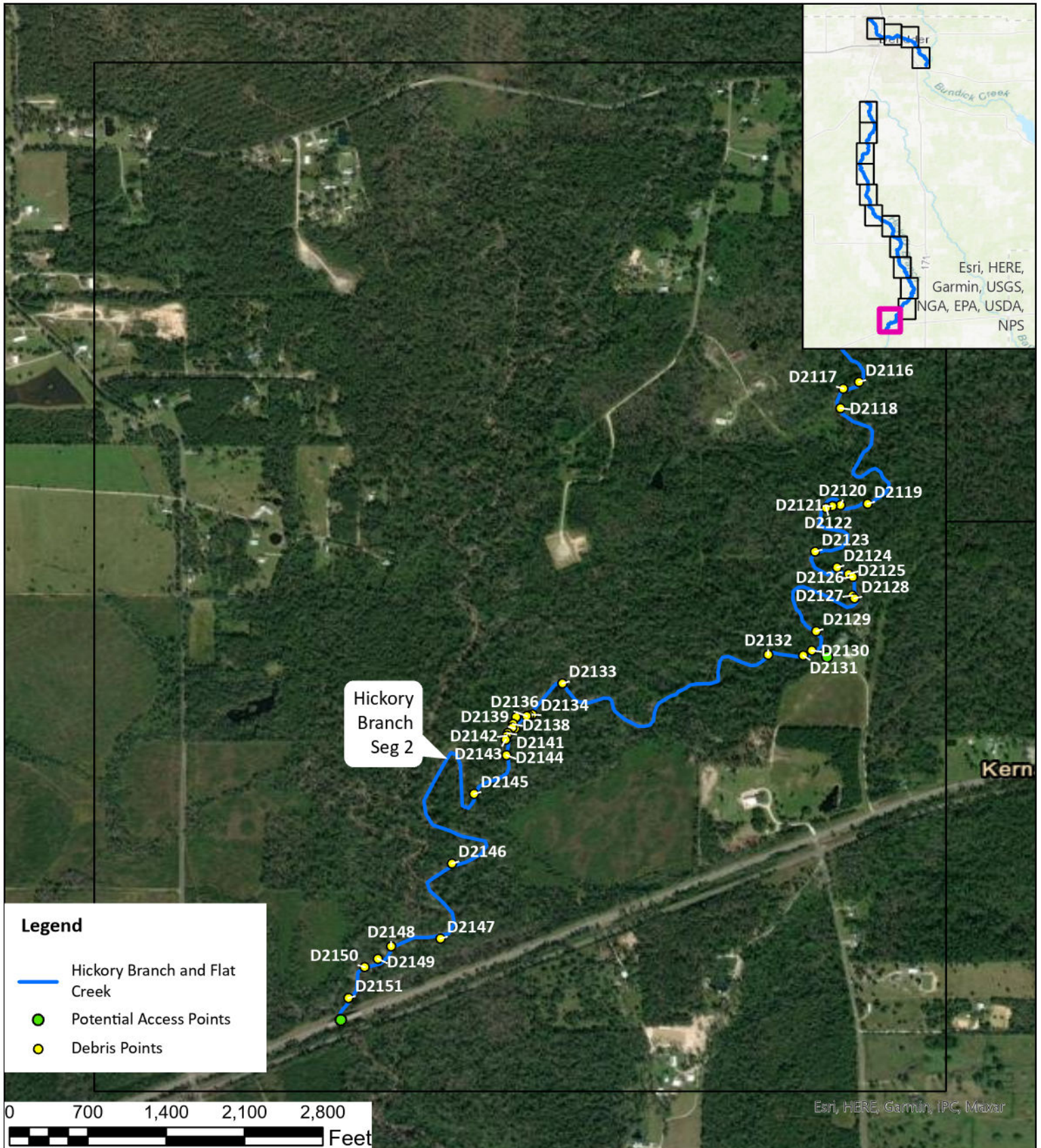
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TR **TIMBALIER**
RESOURCES

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Appendix A.1
Beauregard Parish Waterway
Debris Assessment

Hickory Branch Data

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D730	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.879240	-93.300598	Shadows and overstory veg affect visibility in 2020
D731	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.879284	-93.300690	Shadows and overstory veg affect visibility in 2020
D732	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.879309	-93.300713	Shadows and overstory veg affect visibility in 2020
D733	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.879341	-93.300713	Shadows and overstory veg affect visibility in 2020
D734	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.879025	-93.300400	
D735	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.878809	-93.300453	
D736	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.878698	-93.300346	
D737	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.878736	-93.300392	
D738	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.878613	-93.300262	
D739	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.878647	-93.299698	
D740	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.878597	-93.299660	
D741	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.878429	-93.299553	
D742	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.878059	-93.298294	Shadows and overstory veg affect visibility in 2020
D743	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.878141	-93.298424	Shadows and overstory veg affect visibility in 2020
D744	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.877804	-93.298256	Shadows and overstory veg affect visibility in 2020
D745	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.877718	-93.298271	Shadows and overstory veg affect visibility in 2020
D746	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.877214	-93.297905	
D747	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.877125	-93.297867	
D748	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.877161	-93.297752	
D749	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.877195	-93.297638	
D750	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	No	No	Post		5	30.876974	-93.297546	
D751	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.876781	-93.297447	
D752	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.876837	-93.297173	
D753	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.876793	-93.297180	
D754	HickoryBranch_Seg1	MatureTree_multiple	Hardwoods_Misc	Yes	Yes	No	Post		5	30.876741	-93.297333	
D755	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.876043	-93.296440	
D756	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.876020	-93.296432	
D757	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.875973	-93.296463	
D758	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.875845	-93.296524	
D759	HickoryBranch_Seg1	Misc_other		Yes	Yes	Yes	Pre		1	30.875778	-93.296410	
D760	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.874453	-93.295479	Shadows and overstory veg affect visibility in 2020
D761	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.874165	-93.294754	Possible bridge or boat in 2023
D762	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.873476	-93.294456	
D763	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.873228	-93.294136	Shadows and overstory veg affect visibility in 2020
D764	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.873234	-93.294250	
D766	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.873014	-93.293396	
D767	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.873018	-93.293274	
D768	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.872543	-93.292992	Shadows and overstory veg affect visibility in 2020
D769	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.872484	-93.293022	Shadows and overstory veg affect visibility in 2020
D770	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.872377	-93.293167	
D771	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.872314	-93.293144	
D772	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.872026	-93.293098	
D773	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.871983	-93.293083	Shadows and overstory veg affect visibility in 2020
D774	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.871859	-93.293106	
D775	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.871803	-93.293114	
D776	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.871273	-93.292519	Shadows and overstory veg affect visibility in 2020
D777	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.871052	-93.292542	
D778	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.870985	-93.292488	
D779	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.870960	-93.292221	
D780	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.870821	-93.292023	
D781	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.870783	-93.292030	
D782	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.870701	-93.292038	
D783	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.870636	-93.292038	
D784	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.870594	-93.292038	
D785	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.870253	-93.292015	
D786	HickoryBranch_Seg1	Misc_other	Unknown	Yes	No	No	Post		1	30.870163	-93.292038	Possible bridge in 2023
D787	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.869907	-93.292091	
D788	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.869833	-93.292000	Shadows and overstory veg affect visibility in 2020
D789	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.869808	-93.291962	
D790	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.869667	-93.291862	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D791	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.869564	-93.291893	Shadows and overstory veg affect visibility in 2020
D792	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.869537	-93.291992	Shadows and overstory veg affect visibility in 2020
D793	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.869440	-93.292053	
D794	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.866035	-93.291611	Shadows and overstory veg affect visibility in 2020
D795	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.865681	-93.291534	
D796	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.865046	-93.291664	
D797	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.865078	-93.291656	Shadows and overstory veg affect visibility in 2020
D798	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.865122	-93.291550	Shadows and overstory veg affect visibility in 2020
D799	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.864742	-93.291809	
D800	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.864006	-93.291992	
D801	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.863894	-93.292023	
D802	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.863871	-93.292015	
D803	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.863808	-93.291985	
D804	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.863771	-93.292000	
D805	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	No	No	Post		3	30.863548	-93.291916	
D806	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.863403	-93.291893	
D807	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.863253	-93.291824	
D808	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.862623	-93.291870	
D809	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.862511	-93.291786	
D810	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.862446	-93.291756	
D811	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.862259	-93.291756	
D812	HickoryBranch_Seg1	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.861691	-93.291641	
D813	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	No	No	Post		5	30.857229	-93.285126	Shadows and overstory veg affect visibility in 2020
D814	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.857399	-93.281395	Shadows and overstory veg affect visibility in 2020
D815	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.857677	-93.277779	
D816	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	Yes	Pre		3	30.858992	-93.266960	Shadows and overstory veg affect visibility in 2020
D817	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.859545	-93.266869	Shadows and overstory veg affect visibility in 2020
D818	HickoryBranch_Seg1	MatureTree_single	Pine	Yes	No	No	Post		3	30.859543	-93.266533	Shadows and overstory veg affect visibility in 2020
D819	HickoryBranch_Seg1	MatureTree_multiple	Unknown	Yes	No	No	Post		5	30.859541	-93.266403	Shadows and overstory veg affect visibility in 2020
D820	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.859369	-93.266159	
D821	HickoryBranch_Seg1	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.859146	-93.266037	Shadows and overstory veg affect visibility in 2020
D822	HickoryBranch_Seg1	Misc_biological	Unknown	Yes	Yes	No	Post		1	30.859015	-93.265930	
D1002	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.30	3	30.775314	-93.300728	
D1003	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.82	3	30.775309	-93.300331	
D1004	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.39	3	30.775360	-93.299927	
D1005	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.32	3	30.775345	-93.299881	
D1006	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.55	3	30.775318	-93.299843	
D1007	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.23	3	30.775311	-93.299820	
D1008	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.23	3	30.775280	-93.299744	
D1009	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.76	3	30.775270	-93.299721	
D1010	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.38	3	30.775372	-93.299957	
D1011	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.50	3	30.775219	-93.299530	
D1012	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.74	5	30.775206	-93.299492	
D1013	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.58	3	30.775160	-93.299431	
D1014	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	0.92	5	30.775236	-93.299599	
D1015	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.05	3	30.774954	-93.299187	
D1016	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.42	3	30.774933	-93.299049	
D1017	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.33	3	30.774439	-93.298683	
D1018	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.06	3	30.774300	-93.298889	
D1019	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.00	3	30.774263	-93.298904	
D1020	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.76	5	30.774229	-93.298920	
D1021	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.79	3	30.774181	-93.298920	
D1022	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.55	3	30.773870	-93.298904	
D1023	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.14	3	30.773855	-93.298904	
D1024	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.89	3	30.773458	-93.298798	
D1025	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.64	3	30.773369	-93.298798	
D1026	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.65	5	30.773281	-93.298859	
D1027	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.28	3	30.773134	-93.298897	
D1028	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.40	3	30.772795	-93.298889	
D1029	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.26	5	30.772673	-93.298904	

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D1030	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.09	5	30.771666	-93.299179	
D1031	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.96	3	30.770958	-93.299355	
D1032	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.98	5	30.770908	-93.299171	
D1033	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.30	3	30.770418	-93.299263	
D1034	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.90	5	30.770159	-93.299438	
D1035	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.05	3	30.769873	-93.299431	
D1036	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.85	3	30.769854	-93.299393	
D1037	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.32	3	30.769814	-93.299423	
D1038	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.69	3	30.769466	-93.299461	
D1039	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.04	3	30.769388	-93.299431	
D1040	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.51	3	30.768963	-93.299393	
D1041	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.04	3	30.768740	-93.299438	
D1042	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.70	3	30.768703	-93.299393	
D1043	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.85	3	30.768555	-93.299408	
D1044	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	7.31	5	30.767918	-93.300430	
D1045	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.77	3	30.767839	-93.300545	
D1046	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	36.56	3	30.767759	-93.300728	
D1047	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	6.23	5	30.767632	-93.300743	
D1048	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.62	3	30.767487	-93.300835	
D1049	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.47	3	30.767433	-93.300865	
D1050	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.06	3	30.767385	-93.300842	
D1051	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.63	5	30.767298	-93.300934	
D1052	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.93	3	30.766815	-93.301140	
D1053	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	16.50	5	30.766796	-93.301033	
D1054	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.79	5	30.766493	-93.301201	
D1055	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.71	3	30.766394	-93.301163	
D1056	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.96	3	30.766340	-93.301163	
D1057	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.58	5	30.766260	-93.301155	
D1058	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.06	3	30.766205	-93.301147	
D1059	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.77	3	30.766056	-93.301117	
D1060	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	0.86	5	30.765980	-93.301102	
D1061	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.62	5	30.765835	-93.301064	
D1062	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.94	3	30.765747	-93.301033	
D1063	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.51	3	30.765615	-93.301033	
D1064	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.11	3	30.765564	-93.300995	
D1065	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.54	3	30.765394	-93.300957	
D1066	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.30	3	30.765364	-93.300941	
D1067	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.25	3	30.765341	-93.300919	
D1068	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.97	3	30.765329	-93.300888	
D1069	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.16	3	30.765312	-93.300865	
D1070	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.79	5	30.765213	-93.300842	
D1071	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.23	3	30.765066	-93.300789	
D1072	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	7.95	5	30.764977	-93.300819	
D1073	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.25	3	30.762600	-93.300354	
D1074	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.31	5	30.762493	-93.300385	
D1075	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	34.87	5	30.762300	-93.300491	
D1076	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	9.33	5	30.762115	-93.300507	
D1077	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.18	5	30.761992	-93.300468	
D1078	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	12.19	3	30.761557	-93.299973	
D1079	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.05	3	30.761463	-93.299934	
D1080	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.46	3	30.761375	-93.299896	
D1081	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.33	3	30.761347	-93.299530	
D1082	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.70	3	30.761288	-93.299522	
D1083	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.88	3	30.761375	-93.299484	
D1084	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	13.78	5	30.761177	-93.299339	
D1085	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.82	3	30.761116	-93.299126	
D1086	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	12.61	5	30.761013	-93.298996	
D1087	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	11.41	5	30.760878	-93.298943	
D1088	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	8.13	5	30.760801	-93.298935	
D1089	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.17	5	30.760725	-93.299072	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1090	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	10.40	3	30.760628	-93.298973	
D1091	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	11.01	3	30.760576	-93.298958	
D1092	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.21	3	30.760517	-93.298813	
D1093	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.35	3	30.759836	-93.298157	
D1094	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.99	3	30.759026	-93.298050	
D1095	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.14	3	30.758924	-93.297989	
D1096	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.79	3	30.758823	-93.297943	
D1097	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.29	3	30.758568	-93.297966	
D1098	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	5.47	5	30.756775	-93.297302	
D1099	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	5.86	5	30.756014	-93.296700	
D1100	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.61	3	30.755772	-93.296562	
D1101	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.06	3	30.755638	-93.296478	
D1102	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.65	3	30.755465	-93.296318	
D1103	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	8.48	5	30.755173	-93.295952	
D1104	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	9.43	5	30.754086	-93.294975	
D1105	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.82	5	30.754183	-93.295021	
D1106	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.33	3	30.754318	-93.295105	
D1107	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.52	3	30.754000	-93.294968	
D1108	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.84	5	30.753790	-93.295059	
D1109	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.61	3	30.753731	-93.295113	
D1110	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.98	3	30.753660	-93.295174	
D1111	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	4.27	3	30.753332	-93.295067	
D1112	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.63	3	30.753128	-93.295006	
D1113	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	28.30	5	30.753113	-93.294945	
D1114	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.12	5	30.753056	-93.294846	
D1115	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.73	3	30.752958	-93.294640	
D1116	HickoryBranch_Seg2	MatureTree_multiple	Hardwoods_Misc	Yes	NA	No	Post	10.40	5	30.752443	-93.294518	
D1117	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.45	3	30.751795	-93.293930	
D1118	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.58	3	30.751736	-93.293892	
D1119	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.18	3	30.751709	-93.293823	
D1120	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.17	3	30.751657	-93.293793	
D1121	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.60	5	30.751579	-93.293816	
D1122	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.56	3	30.751326	-93.293831	
D1123	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.13	3	30.751274	-93.293770	
D1124	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	9.79	5	30.751238	-93.293755	
D1125	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.06	3	30.751200	-93.293762	
D1126	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.13	5	30.751059	-93.293747	
D1127	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	0.96	5	30.751007	-93.293694	
D1128	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.64	3	30.750870	-93.293770	
D1129	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.66	5	30.750614	-93.293877	
D1130	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.59	5	30.750137	-93.293747	
D1131	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.06	5	30.748518	-93.293709	
D1132	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	8.27	5	30.748177	-93.293938	
D1133	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.63	3	30.747665	-93.294220	
D1134	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.51	3	30.747467	-93.294205	
D1135	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.02	5	30.747425	-93.294174	
D1136	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.07	5	30.747255	-93.294189	
D1137	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.01	5	30.747156	-93.294060	
D1138	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.69	5	30.746984	-93.293839	
D1139	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.27	3	30.746769	-93.293907	
D1140	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	0.79	5	30.746349	-93.293976	
D1141	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.76	3	30.746254	-93.293991	
D1142	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.90	3	30.746037	-93.294006	
D1143	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.80	3	30.745998	-93.294029	
D1144	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.08	3	30.745869	-93.294037	
D1145	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.56	3	30.745829	-93.294022	
D1146	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.77	3	30.745716	-93.294106	
D1147	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.71	3	30.745594	-93.294075	
D1148	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.52	5	30.745197	-93.294304	
D1149	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.31	5	30.745060	-93.294533	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D1150	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.30	3	30.744795	-93.294670	
D1151	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.42	3	30.737352	-93.300285	
D1152	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.42	3	30.737078	-93.300217	
D1153	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.59	3	30.736923	-93.300018	
D1154	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.29	3	30.736792	-93.300018	
D1155	HickoryBranch_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.736444	-93.300079	
D1156	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.40	3	30.736088	-93.300232	
D1157	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.92	3	30.736050	-93.300316	
D1158	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.58	3	30.736023	-93.300308	
D1159	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	17.09	5	30.735781	-93.300301	
D1160	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	2.78	5	30.735838	-93.300423	
D1161	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.56	3	30.735872	-93.300461	
D1162	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	7.20	5	30.735926	-93.300537	
D1163	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	3.93	5	30.735626	-93.300758	
D1164	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.59	5	30.735510	-93.300674	
D1165	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	7.37	3	30.735477	-93.300613	
D1166	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.27	3	30.735455	-93.300568	
D1167	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.99	3	30.735395	-93.300537	
D1168	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.35	3	30.735323	-93.300575	
D1169	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.92	3	30.735119	-93.300552	
D1170	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.42	3	30.735085	-93.300560	
D1171	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.67	3	30.734941	-93.300613	
D1172	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.79	5	30.734867	-93.300636	
D1173	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.49	3	30.734732	-93.300629	
D1174	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.99	3	30.734718	-93.300613	
D1175	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.63	3	30.734703	-93.300606	
D1176	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.24	3	30.734676	-93.300598	
D1177	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	3.76	5	30.734619	-93.300621	
D1178	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.82	3	30.734373	-93.300705	
D1179	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.34	3	30.734333	-93.300652	
D1180	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.60	3	30.734249	-93.300705	
D1181	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.41	3	30.734241	-93.300774	
D1182	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.65	3	30.734133	-93.301064	
D1183	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.78	3	30.734049	-93.301086	
D1184	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.37	3	30.733894	-93.300949	
D1185	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.89	3	30.733809	-93.301025	
D1186	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	2.09	3	30.733673	-93.300934	
D1187	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.17	3	30.733633	-93.300911	
D1188	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.67	3	30.733501	-93.300995	
D1189	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.54	3	30.733458	-93.300926	
D1190	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.85	5	30.733393	-93.300674	
D1191	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.40	3	30.732901	-93.300941	
D1192	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.58	5	30.732355	-93.300995	
D1193	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	6.07	5	30.732351	-93.300873	
D1194	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.56	5	30.732340	-93.300812	
D1195	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	6.36	3	30.732044	-93.301392	
D1196	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	11.64	3	30.732117	-93.301392	
D1197	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	2.71	3	30.732386	-93.301315	
D1198	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.68	3	30.732183	-93.301659	
D1199	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.50	3	30.732195	-93.301758	
D1200	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	11.55	3	30.732235	-93.302162	
D1201	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.61	3	30.732323	-93.302193	
D1202	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.99	3	30.732420	-93.302208	
D1203	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.44	3	30.732454	-93.302216	
D1204	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.74	3	30.732416	-93.302406	
D1205	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	7.34	3	30.732286	-93.302391	
D1206	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.51	3	30.732187	-93.302376	
D1207	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.99	3	30.731852	-93.303177	
D1208	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.41	3	30.731792	-93.303207	
D1209	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.66	3	30.731878	-93.303101	

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Hickory Branch Data

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D1210	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.25	3	30.731487	-93.303581	
D1211	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.36	3	30.731520	-93.303673	
D1212	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.30	5	30.731510	-93.303917	
D1213	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.77	3	30.731232	-93.303864	
D1214	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	3.81	3	30.731159	-93.303749	
D1215	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.71	3	30.731014	-93.303665	
D1216	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.66	3	30.730997	-93.303650	
D1217	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	4.82	3	30.730839	-93.303574	
D1218	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.80	3	30.730808	-93.303574	
D1219	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.19	3	30.730774	-93.303566	
D1220	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.86	3	30.730602	-93.303505	
D1221	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.87	3	30.730587	-93.303619	
D1222	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.74	5	30.730581	-93.303787	
D1223	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.37	3	30.730562	-93.303505	
D1224	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.49	3	30.730434	-93.303780	
D1225	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.85	3	30.730341	-93.303726	
D1226	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.32	3	30.730309	-93.303703	
D1227	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.52	3	30.730188	-93.303505	
D1228	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.84	3	30.730165	-93.303474	
D1229	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	5.77	3	30.729988	-93.303696	
D1230	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	4.64	3	30.729918	-93.303688	
D1231	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.08	3	30.729877	-93.303680	
D1232	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.91	3	30.729826	-93.303688	
D1233	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.38	3	30.729784	-93.303680	
D1234	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	5.09	3	30.729763	-93.303665	
D1235	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	8.88	5	30.729721	-93.303696	
D1236	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	Partial	Pre	3.76	5	30.729568	-93.303978	
D1237	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	3.34	5	30.729454	-93.304092	
D1238	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.08	5	30.729370	-93.304131	
D1239	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	9.81	5	30.729315	-93.303711	
D1240	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.07	3	30.729286	-93.303719	
D1241	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.84	3	30.729048	-93.304008	
D1242	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.03	3	30.729017	-93.304024	
D1243	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.88	3	30.728991	-93.304001	
D1244	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.61	3	30.729059	-93.303566	
D1245	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.29	3	30.729017	-93.303528	
D1246	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	0.48	3	30.728914	-93.303558	
D1247	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.57	3	30.728804	-93.303627	
D1248	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.74	3	30.728756	-93.303627	
D1249	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.45	3	30.728624	-93.303650	
D1250	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.82	3	30.728550	-93.303619	
D1251	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.25	3	30.728493	-93.303589	
D1252	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.60	3	30.728485	-93.303574	
D1253	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	8.91	5	30.728619	-93.303314	
D1254	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	7.30	5	30.728563	-93.303246	
D1255	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.00	3	30.728149	-93.303604	
D1256	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	6.34	3	30.728180	-93.303490	
D1257	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	7.06	3	30.728184	-93.303459	
D1258	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.14	3	30.728176	-93.303299	
D1259	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.61	3	30.728168	-93.303284	
D1260	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.56	3	30.728125	-93.303154	
D1261	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.27	3	30.728102	-93.303101	
D1262	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.00	3	30.728088	-93.303085	
D1263	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	7.85	3	30.728008	-93.303024	
D1264	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.18	3	30.727983	-93.303017	
D1265	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.32	3	30.727962	-93.303009	
D1266	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.23	3	30.727915	-93.302994	
D1267	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.04	5	30.727844	-93.303040	
D1268	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.32	3	30.727777	-93.303070	
D1269	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.13	3	30.727644	-93.303032	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1270	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.07	3	30.727621	-93.303017	
D1271	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.93	3	30.727486	-93.302963	
D1272	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.74	5	30.727398	-93.302933	
D1273	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.05	5	30.727364	-93.302895	
D1274	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.47	3	30.727335	-93.302856	
D1275	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.51	3	30.727304	-93.302757	
D1276	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	5.04	3	30.727196	-93.302582	
D1277	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.38	3	30.727171	-93.302582	
D1278	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.98	3	30.727112	-93.302582	
D1279	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.18	3	30.727022	-93.302383	
D1280	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.34	3	30.726809	-93.302017	
D1281	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	10.33	5	30.726757	-93.301750	
D1282	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.09	3	30.726608	-93.301613	
D1283	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	7.68	5	30.726618	-93.301544	
D1284	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.12	3	30.726105	-93.301750	
D1285	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.52	3	30.726063	-93.301682	
D1286	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.72	3	30.725683	-93.301476	
D1287	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.32	3	30.725632	-93.301460	
D1288	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.77	3	30.725613	-93.301384	
D1289	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.44	3	30.725615	-93.301277	
D1290	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.35	3	30.725624	-93.301231	
D1291	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.94	3	30.725616	-93.301132	
D1292	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.54	3	30.725464	-93.301102	
D1293	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.04	3	30.725233	-93.301498	
D1294	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.02	3	30.724752	-93.301605	
D1295	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.47	3	30.724426	-93.301506	
D1296	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.49	3	30.724386	-93.301498	
D1297	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.14	5	30.723875	-93.301170	
D1298	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	12.84	3	30.723621	-93.301529	
D1299	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.58	5	30.723564	-93.301460	
D1300	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.48	3	30.723488	-93.301254	
D1301	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.53	3	30.723463	-93.301262	
D1302	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.31	3	30.723421	-93.301315	
D1303	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.88	3	30.723440	-93.301239	
D1304	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	4.48	5	30.723280	-93.301384	
D1305	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.81	3	30.723186	-93.301376	
D1306	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.56	3	30.723131	-93.301315	
D1307	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.67	3	30.723097	-93.301292	
D1308	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.13	3	30.722988	-93.301186	
D1309	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.82	5	30.722900	-93.301468	
D1310	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.47	5	30.722780	-93.301559	
D1311	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.27	3	30.722740	-93.301689	
D1312	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.11	3	30.722736	-93.301727	
D1313	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.23	3	30.722683	-93.301910	
D1314	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.93	3	30.722691	-93.301941	
D1315	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.57	3	30.722616	-93.302032	
D1316	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.86	3	30.722607	-93.302017	
D1317	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.08	3	30.722551	-93.301964	
D1318	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.65	3	30.722538	-93.301933	
D1319	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.99	3	30.722563	-93.301964	
D1320	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	22.35	3	30.722483	-93.301865	
D1321	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.81	3	30.722477	-93.301849	
D1322	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.47	3	30.722387	-93.301842	
D1323	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.12	3	30.722439	-93.301811	
D1324	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.12	3	30.722113	-93.302101	
D1325	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.46	3	30.722069	-93.302010	
D1326	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.53	3	30.722042	-93.302017	
D1327	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.54	3	30.721991	-93.302010	
D1328	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.97	3	30.721901	-93.302094	
D1329	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.47	3	30.721895	-93.302406	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D1330	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	40.71	5	30.721848	-93.302551	
D1331	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.25	3	30.721767	-93.302551	
D1332	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.93	3	30.721743	-93.302536	
D1333	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.86	5	30.721510	-93.302475	
D1334	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.26	3	30.721380	-93.302422	
D1335	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.34	3	30.721233	-93.302032	
D1336	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.80	3	30.720993	-93.302162	
D1337	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.05	3	30.720940	-93.302147	
D1338	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.57	3	30.720926	-93.301788	
D1339	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.81	5	30.720686	-93.301804	
D1340	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.74	5	30.720579	-93.302162	
D1341	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	8.26	3	30.720409	-93.301666	
D1342	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.18	5	30.720430	-93.301575	
D1343	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.85	3	30.720415	-93.301552	
D1344	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.56	3	30.720449	-93.301353	
D1345	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.00	3	30.720232	-93.301300	
D1346	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.23	3	30.720037	-93.301353	
D1347	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.88	3	30.720009	-93.301353	
D1348	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.52	3	30.719988	-93.301292	
D1349	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.75	3	30.719856	-93.301308	
D1350	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.40	3	30.719805	-93.301117	
D1351	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	8.98	3	30.719744	-93.301239	
D1352	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.32	3	30.719728	-93.301109	
D1353	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.10	3	30.719479	-93.301201	
D1354	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.12	3	30.719181	-93.301224	
D1355	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.27	3	30.718790	-93.301559	
D1356	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.10	3	30.718740	-93.301552	
D1357	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.55	3	30.718599	-93.301537	
D1358	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.73	3	30.718184	-93.301743	
D1359	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	0.48	3	30.718130	-93.301727	
D1360	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.46	3	30.718079	-93.301727	
D1361	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.41	3	30.717527	-93.302170	
D1362	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.16	3	30.717344	-93.302139	
D1363	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.96	3	30.717308	-93.302132	
D1364	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.84	3	30.716515	-93.303513	
D1365	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.62	3	30.716497	-93.303551	
D1366	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.85	3	30.716597	-93.303810	
D1367	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.66	3	30.716499	-93.303841	
D1368	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.37	3	30.716352	-93.303841	
D1369	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.18	3	30.715893	-93.303391	
D1370	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	25.87	3	30.715584	-93.303833	
D1371	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.75	3	30.715378	-93.304276	
D1372	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.92	3	30.715286	-93.305305	
D1373	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.02	3	30.715349	-93.306206	
D1374	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.50	5	30.715530	-93.307381	
D1375	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.12	3	30.715452	-93.307487	
D1376	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	2.91	5	30.715328	-93.307571	
D1377	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.30	3	30.714897	-93.308136	
D1378	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.45	3	30.714407	-93.308205	
D1379	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.74	3	30.714033	-93.308128	
D1380	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.28	5	30.713743	-93.308434	
D1381	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.78	3	30.713709	-93.308395	
D1382	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.25	3	30.713171	-93.308762	
D1383	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.97	3	30.712727	-93.308754	
D1384	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.25	3	30.712698	-93.308739	
D1385	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.36	3	30.712507	-93.308693	
D1386	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.22	5	30.712158	-93.308891	
D1387	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.31	3	30.712055	-93.308884	
D1388	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.50	5	30.712013	-93.308861	
D1389	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.76	3	30.711977	-93.308815	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post- Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1390	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.87	3	30.711960	-93.308807	
D1391	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	10.44	3	30.711855	-93.308693	
D1392	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.56	3	30.711773	-93.308823	
D1393	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.78	3	30.711761	-93.308861	
D1394	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.64	3	30.711758	-93.308914	
D1395	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.36	3	30.711739	-93.308952	
D1396	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.87	3	30.711411	-93.309151	
D1397	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	6.08	3	30.711023	-93.308907	
D1398	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.41	3	30.710962	-93.308784	
D1399	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.12	3	30.710917	-93.308739	
D1400	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.15	3	30.710518	-93.309143	
D1401	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.21	5	30.710238	-93.308159	
D1402	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.89	3	30.709116	-93.309052	
D1403	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	5.77	5	30.708729	-93.308922	
D1404	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.79	3	30.708679	-93.308922	
D1405	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.30	3	30.708025	-93.309471	
D1406	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.66	3	30.707907	-93.309410	
D1407	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.85	5	30.707575	-93.309906	
D1408	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.55	3	30.707354	-93.310196	
D1409	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.27	3	30.707369	-93.310196	
D1410	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.26	3	30.707361	-93.310226	
D1411	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	0.61	5	30.707067	-93.310707	
D1412	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.52	3	30.707018	-93.310715	
D1413	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.38	3	30.706903	-93.310707	
D1414	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.39	3	30.706818	-93.310677	
D1415	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.76	3	30.706804	-93.310669	
D1416	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.84	5	30.706728	-93.310585	
D1417	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.14	5	30.706692	-93.310524	
D1418	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.08	3	30.706488	-93.310791	
D1419	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	3.71	5	30.706417	-93.310867	
D1420	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.76	3	30.705952	-93.310707	
D1421	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.06	3	30.705847	-93.310730	
D1422	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.30	3	30.705490	-93.311028	
D1423	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	8.63	5	30.705322	-93.311592	
D1424	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	4.38	5	30.703760	-93.311249	
D1425	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.83	3	30.703680	-93.311218	
D1426	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.47	3	30.703644	-93.311287	
D1427	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.26	3	30.703220	-93.311005	
D1428	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.60	3	30.702972	-93.311554	
D1429	HickoryBranch_Seg1	MatureTree_multiple	Pine	Yes	NA	No	Post	2.97	5	30.702606	-93.311775	
D1430	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.15	3	30.702330	-93.312126	
D1431	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.23	3	30.702244	-93.312088	
D1432	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.16	3	30.702211	-93.312050	
D1433	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.15	3	30.702085	-93.311981	
D1434	HickoryBranch_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.701588	-93.311943	
D1435	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.50	3	30.701513	-93.311989	
D1436	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.44	3	30.700972	-93.312164	
D1437	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.28	3	30.700304	-93.311104	
D1438	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.82	3	30.700243	-93.311134	
D1439	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.26	3	30.699677	-93.311203	
D1440	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.41	3	30.699783	-93.311165	
D1441	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	3.61	3	30.698757	-93.310669	
D1442	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.79	3	30.698826	-93.310860	
D1443	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.24	3	30.698780	-93.310860	
D1444	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.38	3	30.698736	-93.310867	
D1445	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.28	3	30.698765	-93.310310	
D1446	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.84	3	30.698332	-93.310509	
D1447	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.44	3	30.698317	-93.310516	
D1448	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.49	3	30.698238	-93.310539	
D1449	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.44	3	30.698214	-93.310501	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1450	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.47	3	30.698170	-93.310509	
D1451	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.16	3	30.697716	-93.309837	
D1452	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.08	3	30.697411	-93.309540	
D1453	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.75	3	30.697132	-93.310089	
D1454	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.52	3	30.697062	-93.310455	
D1455	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.60	3	30.697016	-93.310684	
D1456	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.92	3	30.696795	-93.310638	
D1457	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.79	3	30.696743	-93.310577	
D1458	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.65	5	30.695932	-93.310966	
D1459	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.10	3	30.695301	-93.310211	
D1460	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	2.13	3	30.695257	-93.310211	
D1461	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.00	3	30.695028	-93.310081	
D1462	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.72	3	30.694525	-93.310463	
D1463	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.65	3	30.694408	-93.309654	
D1464	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.35	5	30.694441	-93.309677	
D1465	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.90	5	30.694508	-93.309700	
D1466	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.64	3	30.694582	-93.309700	
D1467	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.49	3	30.694670	-93.309685	
D1468	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.10	3	30.694307	-93.309204	
D1469	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.75	3	30.693594	-93.308884	
D1470	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.00	3	30.693014	-93.308517	
D1471	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	7.41	3	30.692440	-93.308464	
D1472	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.50	3	30.692404	-93.308456	
D1473	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.07	3	30.692379	-93.308395	
D1474	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	4.52	5	30.692125	-93.308105	
D1475	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.48	3	30.692078	-93.308060	
D1476	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.43	3	30.691742	-93.307999	
D1477	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	11.35	3	30.691677	-93.307816	
D1478	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.76	3	30.691687	-93.307755	
D1479	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.01	3	30.691719	-93.307693	
D1480	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.19	3	30.691784	-93.307564	
D1481	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.57	3	30.691671	-93.307487	
D1482	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	2.05	3	30.691610	-93.307518	
D1483	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.55	3	30.691076	-93.307701	
D1484	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.94	3	30.691151	-93.307571	
D1485	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.32	5	30.691036	-93.307304	
D1486	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.71	3	30.690781	-93.307190	
D1487	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.49	3	30.689981	-93.307045	
D1488	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.68	3	30.689802	-93.307045	
D1489	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	10.65	3	30.688904	-93.306389	
D1490	HickoryBranch_Seg2	MatureTree_multiple	Hardwoods_Misc	Yes	NA	No	Post	7.10	5	30.688751	-93.306770	
D1491	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.68	3	30.688639	-93.306755	
D1492	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.40	3	30.688507	-93.306458	
D1493	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.75	5	30.688438	-93.306412	
D1494	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.79	3	30.688421	-93.306396	
D1495	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.47	3	30.688419	-93.306381	
D1496	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.79	3	30.686769	-93.306435	
D1497	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.06	3	30.686689	-93.306465	
D1498	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.26	3	30.686857	-93.305489	
D1499	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.24	5	30.686758	-93.305305	
D1500	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.82	3	30.686691	-93.305260	
D1501	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.84	3	30.686192	-93.305733	
D1502	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.97	3	30.685707	-93.305573	
D1503	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.55	3	30.685631	-93.305534	
D1504	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.59	3	30.685564	-93.305496	
D1505	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.03	5	30.685398	-93.304893	
D1506	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.65	3	30.685341	-93.304535	
D1507	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.39	3	30.685251	-93.304520	
D1508	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.93	3	30.685141	-93.304527	
D1509	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.33	5	30.685328	-93.304657	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D1510	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.66	3	30.684994	-93.304565	
D1511	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.70	3	30.684805	-93.304573	
D1512	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.76	3	30.684763	-93.304512	
D1513	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.58	3	30.684738	-93.304497	
D1514	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.44	3	30.684736	-93.304436	
D1515	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.03	3	30.684673	-93.304329	
D1516	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.51	3	30.684515	-93.304581	
D1517	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.09	3	30.684299	-93.304726	
D1518	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.99	3	30.684368	-93.303963	
D1519	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.22	3	30.684301	-93.303856	
D1520	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.96	3	30.684284	-93.303818	
D1521	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.36	3	30.684261	-93.303787	
D1522	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.89	3	30.683548	-93.303543	
D1523	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.48	3	30.683487	-93.303185	
D1524	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.39	3	30.683456	-93.303146	
D1525	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.63	3	30.683428	-93.303116	
D1526	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.51	3	30.683426	-93.303337	
D1527	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	11.44	3	30.683189	-93.303116	
D1528	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	27.15	3	30.683071	-93.303246	
D1529	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.61	3	30.683163	-93.303337	
D1530	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.82	3	30.683050	-93.303360	
D1531	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.28	3	30.682941	-93.303284	
D1532	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	14.06	3	30.682917	-93.303253	
D1533	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.58	3	30.682735	-93.303108	
D1534	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	2.60	3	30.682240	-93.302788	
D1535	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.78	3	30.682158	-93.302498	
D1536	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.64	3	30.682188	-93.302361	
D1537	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.49	3	30.682154	-93.302086	
D1538	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.54	3	30.682106	-93.302063	
D1539	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.40	3	30.681702	-93.302383	
D1540	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	10.68	3	30.681725	-93.302429	
D1541	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.58	3	30.681595	-93.302544	
D1542	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.62	3	30.681232	-93.302299	
D1543	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.30	3	30.681120	-93.302368	
D1544	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.01	3	30.680548	-93.302101	
D1545	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.94	3	30.680176	-93.301964	
D1546	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.37	5	30.679548	-93.302162	
D1547	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.57	3	30.679317	-93.302193	
D1548	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	4.59	3	30.679220	-93.302177	
D1549	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.89	3	30.679064	-93.302147	
D1550	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.77	3	30.679045	-93.302109	
D1551	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.89	3	30.678862	-93.302155	
D1552	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.10	3	30.678810	-93.302216	
D1553	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.37	3	30.678753	-93.302231	
D1554	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.32	3	30.678745	-93.302246	
D1555	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.19	3	30.677917	-93.302711	
D1556	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.42	3	30.677849	-93.302628	
D1557	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	2.72	3	30.677208	-93.302299	
D1558	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.31	3	30.677132	-93.302292	
D1559	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	1.32	3	30.677094	-93.302261	
D1560	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.49	3	30.676584	-93.302353	
D1561	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.89	3	30.674398	-93.301926	
D1562	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	18.97	3	30.674397	-93.302032	
D1563	HickoryBranch_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.674572	-93.302299	
D1564	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.77	3	30.673426	-93.302368	
D1565	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.07	3	30.673485	-93.302353	
D1566	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.16	3	30.672323	-93.301872	
D1567	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.86	3	30.672178	-93.301888	
D1568	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.00	3	30.672159	-93.301865	
D1569	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	5.00	3	30.671904	-93.301598	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1570	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.97	3	30.671873	-93.301613	
D1571	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.28	3	30.671581	-93.301651	
D1572	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.60	3	30.671333	-93.302002	
D1573	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	5.37	3	30.670347	-93.301712	
D1574	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.74	3	30.669418	-93.303062	
D1575	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.32	3	30.669407	-93.303055	
D1576	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.43	3	30.669292	-93.303223	
D1577	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.64	3	30.669035	-93.302979	
D1578	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.65	3	30.668991	-93.302994	
D1579	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.48	3	30.668982	-93.303001	
D1580	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.94	3	30.669043	-93.303070	
D1581	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.53	3	30.668543	-93.303642	
D1582	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.86	3	30.667925	-93.303406	
D1583	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.54	3	30.667179	-93.303474	
D1584	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.68	3	30.667091	-93.303696	
D1585	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.37	3	30.662868	-93.304214	
D1586	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.09	3	30.662540	-93.303940	
D1587	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.67	5	30.660000	-93.300056	
D1588	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.11	3	30.660011	-93.300087	
D1589	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.42	3	30.659782	-93.299957	
D1590	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.40	3	30.659512	-93.299881	
D1591	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	12.90	3	30.659468	-93.299843	
D1592	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.87	3	30.659369	-93.299828	
D1593	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.02	3	30.659290	-93.299858	
D1594	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.81	3	30.658716	-93.299652	
D1595	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.83	3	30.658697	-93.299561	
D1596	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.56	3	30.658678	-93.299522	
D1597	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.49	3	30.658371	-93.299934	
D1598	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.81	3	30.657942	-93.300102	
D1599	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.34	3	30.657578	-93.300125	
D1600	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.09	3	30.657532	-93.300095	
D1601	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.77	3	30.657419	-93.299881	
D1602	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.31	3	30.657404	-93.299698	
D1603	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	10.50	3	30.657391	-93.299614	
D1604	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.00	3	30.656958	-93.300240	
D1605	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	13.97	3	30.656677	-93.300041	
D1606	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.22	3	30.656710	-93.299538	
D1607	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.19	3	30.656710	-93.299522	
D1608	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.22	3	30.656702	-93.299484	
D1609	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.33	3	30.656652	-93.299194	
D1610	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.93	3	30.656193	-93.298836	
D1611	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	14.58	3	30.655756	-93.299217	
D1612	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.20	3	30.655899	-93.299614	
D1613	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.40	3	30.655865	-93.299568	
D1614	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	9.44	5	30.655840	-93.299660	
D1615	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.17	3	30.655548	-93.299728	
D1616	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.26	3	30.655514	-93.299736	
D1617	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.18	3	30.655390	-93.299721	
D1618	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.39	3	30.655369	-93.299713	
D1619	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.02	3	30.655340	-93.299530	
D1620	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.09	3	30.654596	-93.299789	
D1621	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.34	3	30.654430	-93.299805	
D1622	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.52	3	30.654360	-93.299774	
D1623	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.77	5	30.654268	-93.299767	
D1624	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.26	3	30.654175	-93.299751	
D1625	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.25	3	30.653372	-93.300255	
D1626	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.60	3	30.653091	-93.299797	
D1627	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.04	3	30.653053	-93.299805	
D1628	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.29	3	30.653086	-93.299866	
D1629	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	0.45	3	30.652996	-93.299637	

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D1630	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.21	3	30.652599	-93.300179	
D1631	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.12	3	30.652613	-93.300186	
D1632	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.57	3	30.652592	-93.300232	
D1633	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.55	3	30.652466	-93.300278	
D1634	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	2.04	3	30.651840	-93.300232	
D1635	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.49	3	30.651415	-93.300522	
D1636	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.04	3	30.650284	-93.299347	
D1637	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	12.54	3	30.650219	-93.299164	
D1638	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.12	3	30.649549	-93.298927	
D1639	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.16	3	30.649288	-93.298813	
D1640	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.28	3	30.649260	-93.298767	
D1641	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.14	3	30.649033	-93.298233	
D1642	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	2.34	3	30.648865	-93.297897	
D1643	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	8.72	5	30.648676	-93.297905	
D1644	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	9.80	3	30.648314	-93.297783	
D1645	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.18	3	30.647598	-93.296898	
D1646	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.77	3	30.647600	-93.296776	
D1647	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.84	3	30.647490	-93.296394	
D1648	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	2.77	3	30.646435	-93.295998	
D1649	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	3.14	3	30.646334	-93.295761	
D1650	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	3.08	3	30.645292	-93.295334	
D1651	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.34	3	30.645214	-93.295921	
D1652	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.92	3	30.645144	-93.295990	
D1653	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.31	3	30.645132	-93.295990	
D1654	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	33.80	3	30.644726	-93.295807	
D1655	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	9.64	3	30.644461	-93.295670	
D1656	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.26	3	30.642944	-93.295784	
D1657	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.24	3	30.642481	-93.295715	
D1658	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.16	3	30.642424	-93.295349	
D1659	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.13	3	30.642519	-93.295311	
D1660	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.53	3	30.642271	-93.294632	
D1661	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.71	3	30.642309	-93.294624	
D1662	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre	1.46	3	30.640152	-93.293488	
D1663	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.42	3	30.640018	-93.293472	
D1664	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.97	3	30.639723	-93.293373	
D1665	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.73	3	30.639444	-93.293259	
D1666	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.89	3	30.639196	-93.293205	
D1667	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.08	3	30.638710	-93.292740	
D1668	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	7.69	3	30.638655	-93.292732	
D1669	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.49	3	30.639101	-93.292473	
D1670	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.81	3	30.639168	-93.292259	
D1671	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.07	3	30.639126	-93.292137	
D1672	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	4.01	3	30.638262	-93.291199	
D1673	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.65	3	30.637589	-93.289581	
D1674	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.66	3	30.637701	-93.289474	
D1675	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	13.81	3	30.637068	-93.288498	
D1676	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.98	3	30.636744	-93.286987	
D1677	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.37	3	30.634928	-93.287170	
D1678	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	13.57	3	30.634848	-93.286377	
D1679	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.97	3	30.634518	-93.286392	
D1680	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.96	3	30.634663	-93.286003	
D1681	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	13.14	3	30.634508	-93.285774	
D1682	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.31	3	30.634352	-93.285683	
D1683	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	31.95	5	30.634336	-93.285545	
D1684	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.91	3	30.634268	-93.285522	
D1685	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.77	3	30.634138	-93.285591	
D1686	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.54	3	30.634125	-93.285568	
D1687	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.66	3	30.633156	-93.284866	
D1688	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.43	3	30.633257	-93.284737	
D1689	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	9.50	3	30.633236	-93.284203	

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D1690	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.93	3	30.633198	-93.284210	
D1691	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.17	3	30.633554	-93.282715	
D1692	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.80	3	30.632616	-93.282455	
D1693	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.18	3	30.632582	-93.282074	
D1694	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.11	3	30.632042	-93.280342	
D1695	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	Yes	Pre	4.26	5	30.632021	-93.280327	
D1696	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.14	3	30.631802	-93.280060	
D1697	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.25	3	30.631956	-93.279610	
D1698	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.23	3	30.631920	-93.279282	
D1699	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.89	5	30.631849	-93.279259	
D1700	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	3.42	5	30.631584	-93.279655	
D1701	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.40	3	30.631531	-93.279572	
D1702	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	8.06	3	30.631475	-93.279663	
D1703	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.72	3	30.631231	-93.279587	
D1704	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.68	3	30.631180	-93.279572	
D1705	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.71	3	30.630922	-93.278244	
D1706	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.31	3	30.630264	-93.276978	
D1707	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	2.25	5	30.630104	-93.276871	
D1708	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.68	3	30.630075	-93.276924	
D1709	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.57	3	30.630716	-93.276260	
D1710	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.75	3	30.630419	-93.276016	
D1711	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.61	3	30.630245	-93.276054	
D1712	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.67	3	30.629868	-93.276016	
D1713	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.93	3	30.629850	-93.276016	
D1714	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.69	5	30.629366	-93.275642	
D1715	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.46	3	30.629122	-93.275101	
D1716	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.40	3	30.628719	-93.275055	
D1717	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	3.25	3	30.627815	-93.274521	
D1718	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.13	3	30.627724	-93.274277	
D1719	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.77	3	30.627613	-93.274025	
D1720	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.31	3	30.626524	-93.273834	
D1721	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.88	3	30.626484	-93.273705	
D1722	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	8.72	3	30.624908	-93.272331	
D1723	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.59	3	30.624765	-93.272179	
D1724	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	6.36	5	30.624805	-93.272438	
D1725	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.49	3	30.624853	-93.272408	
D1726	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.59	3	30.624832	-93.272408	
D1727	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	13.97	3	30.623800	-93.271805	
D1728	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.98	3	30.623772	-93.271744	
D1729	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.00	3	30.623693	-93.271759	
D1730	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.91	3	30.623873	-93.271393	
D1731	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.32	3	30.623047	-93.271713	
D1732	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.92	3	30.622511	-93.270493	
D1733	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	1.54	3	30.622391	-93.270508	
D1734	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.75	3	30.621119	-93.270859	
D1735	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.00	3	30.621092	-93.270859	
D1736	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	3.19	3	30.619572	-93.271263	
D1737	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	9.99	3	30.619736	-93.270546	
D1738	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	8.01	3	30.617907	-93.272552	
D1739	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.53	3	30.617924	-93.272423	
D1740	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.44	3	30.615862	-93.271690	
D1741	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.52	3	30.615637	-93.271553	
D1742	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	0.67	3	30.614897	-93.271545	
D1743	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post	1.46	3	30.614765	-93.271538	
D1744	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.34	3	30.613905	-93.270195	
D1745	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.09	3	30.613560	-93.270042	
D1746	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.71	3	30.612947	-93.269058	
D1747	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	2.81	5	30.612934	-93.268967	
D1748	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.32	3	30.612934	-93.268524	
D1749	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	1.63	5	30.613024	-93.267021	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post- Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1750	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	5.49	3	30.612835	-93.266296	
D1751	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.52	3	30.612226	-93.265923	
D1752	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	10.11	3	30.611721	-93.265778	
D1753	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre	1.07	3	30.611687	-93.265625	
D1754	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.35	3	30.611700	-93.265228	
D1755	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.25	3	30.610987	-93.265495	
D1756	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.93	3	30.611000	-93.264656	
D1757	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.11	3	30.610703	-93.263458	
D1758	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post	0.98	5	30.610157	-93.262978	
D1759	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.73	3	30.608944	-93.262794	
D1760	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	10.42	3	30.607014	-93.262077	
D1761	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post	7.06	3	30.606646	-93.261429	
D1762	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	No	No	Post	0.74	3	30.606312	-93.261436	Shadows and overstory veg affect visibility in 2020
D1763	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post	1.73	3	30.606171	-93.261452	
D1764	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	2.17	3	30.605947	-93.261566	
D1765	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	4.17	3	30.605764	-93.261810	
D1766	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post	0.57	5	30.602688	-93.261696	
D1767	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	1.83	3	30.602661	-93.261688	
D1768	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	6.90	3	30.602629	-93.261673	
D1769	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post	0.50	3	30.602585	-93.261719	
D1770	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.19	3	30.601784	-93.262405	
D1771	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	10.68	3	30.600712	-93.263557	
D1772	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.04	3	30.600592	-93.263557	
D1773	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.57	3	30.600584	-93.263313	
D1774	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.62	3	30.599657	-93.264137	
D1775	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.75	3	30.599630	-93.264153	
D1776	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.84	3	30.598690	-93.264549	
D1777	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.21	3	30.598389	-93.266304	
D1778	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.89	3	30.598343	-93.266960	
D1779	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.41	3	30.597916	-93.266762	
D1780	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.90	3	30.597271	-93.266846	
D1781	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	4.34	3	30.597033	-93.265984	
D1782	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.22	3	30.596922	-93.265945	
D1783	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.35	3	30.596684	-93.265900	
D1784	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.95	3	30.596651	-93.265907	
D1785	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.64	3	30.596581	-93.265938	
D1786	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.03	3	30.596537	-93.265945	
D1787	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	3.42	3	30.596519	-93.265953	
D1788	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post	1.06	5	30.596182	-93.266045	
D1789	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	2.82	3	30.595411	-93.265984	
D1790	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post	1.79	3	30.595442	-93.265892	
D1791	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	7.94	3	30.594515	-93.265900	
D1792	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.76	3	30.594425	-93.266136	
D1793	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	0.50	3	30.594395	-93.266182	
D1794	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.94	3	30.594387	-93.266251	
D1795	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.85	3	30.594372	-93.266342	
D1796	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.05	3	30.594122	-93.266891	
D1797	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	1.38	3	30.593781	-93.266899	
D1798	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	2.16	3	30.593641	-93.266556	
D1799	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	NA	Yes	Pre	12.91	5	30.593515	-93.266449	
D1800	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post	6.15	3	30.591942	-93.265968	
D1801	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre	6.86	3	30.591660	-93.266060	
D1802	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.591440	-93.266106	
D1803	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	NA	Pre		3	30.591499	-93.265762	
D1804	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.591599	-93.265694	
D1805	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.591562	-93.265648	
D1806	HickoryBranch_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.591022	-93.265327	
D1807	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.590513	-93.266060	
D1808	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.590221	-93.266052	
D1809	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.589777	-93.265556	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D1810	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.588232	-93.263451	
D1811	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.587759	-93.264336	
D1812	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.585447	-93.264877	Shadows and overstory veg affect visibility in 2020
D1813	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.585281	-93.265312	Shadows and overstory veg affect visibility in 2020
D1814	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584887	-93.265205	
D1815	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584867	-93.264954	
D1816	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.584597	-93.264931	
D1817	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584385	-93.264862	
D1818	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584389	-93.264732	
D1819	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584400	-93.264641	
D1820	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584478	-93.264542	
D1821	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.584406	-93.264091	
D1822	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584791	-93.264030	
D1823	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584782	-93.263947	
D1824	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.584730	-93.263847	Shadows and overstory veg affect visibility in 2020
D1825	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.584677	-93.263710	
D1826	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.584503	-93.263611	Shadows and overstory veg affect visibility in 2020
D1827	HickoryBranch_Seg2	Misc_biological	Hardwoods_Misc	Yes	Yes	No	Post		1	30.583715	-93.263977	
D1828	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.583540	-93.264107	
D1829	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.583046	-93.263832	
D1830	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.582949	-93.263809	
D1831	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.582924	-93.263748	
D1832	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.582458	-93.263939	
D1833	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.582024	-93.263489	
D1834	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.581972	-93.263870	
D1835	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.581678	-93.264023	
D1836	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.580399	-93.263573	
D1837	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.580271	-93.263412	
D1838	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.580135	-93.263138	
D1839	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579988	-93.262863	
D1840	HickoryBranch_Seg2	Misc_biological	Unknown	Yes	Yes	No	Post		1	30.579887	-93.262794	
D1841	HickoryBranch_Seg2	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.579962	-93.262909	
D1842	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579515	-93.262314	
D1843	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.579536	-93.262215	
D1844	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579432	-93.262360	
D1845	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579390	-93.262344	
D1846	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579460	-93.262260	
D1847	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579329	-93.262466	
D1848	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.579334	-93.262680	Shadows and overstory veg affect visibility in 2020
D1849	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.579218	-93.262787	Shadows and overstory veg affect visibility in 2020
D1850	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579069	-93.262802	
D1851	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.579052	-93.262794	
D1852	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.578997	-93.262634	
D1853	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.578981	-93.262543	
D1854	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.577085	-93.260010	Shadows and overstory veg affect visibility in 2020
D1855	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.575512	-93.257980	
D1856	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.575399	-93.257927	
D1857	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.574127	-93.257263	
D1858	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.574076	-93.257240	
D1859	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.573288	-93.257210	
D1860	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.572443	-93.257690	
D1861	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.571865	-93.257034	Shadows and overstory veg affect visibility in 2020
D1862	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.569994	-93.255775	
D1863	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.570080	-93.255707	
D1864	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.570541	-93.255783	
D1865	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.570829	-93.255699	
D1866	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.570374	-93.255318	
D1867	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.570345	-93.255325	
D1868	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.570225	-93.255211	
D1869	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.569065	-93.255547	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D1870	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.569132	-93.255379	
D1871	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568937	-93.255272	
D1872	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568827	-93.255043	
D1873	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.568832	-93.254997	
D1874	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568735	-93.255051	
D1875	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568724	-93.255005	
D1876	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568712	-93.254951	
D1877	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568686	-93.254913	
D1878	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568644	-93.254913	
D1879	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568548	-93.254868	
D1880	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.568064	-93.254417	
D1881	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.567867	-93.254387	
D1882	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.567894	-93.254524	
D1883	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.567093	-93.254730	
D1884	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566746	-93.254623	
D1885	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566645	-93.254578	
D1886	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566271	-93.254349	
D1887	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566034	-93.254051	
D1888	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.565870	-93.253670	
D1889	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566441	-93.253532	
D1890	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.566587	-93.253548	
D1891	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.566544	-93.253426	
D1892	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566441	-93.253059	
D1893	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.566380	-93.253105	Shadows and overstory veg affect visibility in 2020
D1894	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.566023	-93.253220	
D1895	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.565910	-93.253174	
D1896	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.565704	-93.252922	
D1897	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.565430	-93.252480	
D1898	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.565214	-93.252907	
D1899	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564728	-93.252342	
D1900	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564699	-93.252350	
D1901	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.564699	-93.252655	Shadows and overstory veg affect visibility in 2020
D1902	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564764	-93.252907	
D1903	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564701	-93.253372	
D1904	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564451	-93.253868	
D1905	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.564398	-93.253891	
D1906	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.564299	-93.253967	Shadows and overstory veg affect visibility in 2020
D1907	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.562876	-93.253387	
D1908	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.562824	-93.253433	Shadows and overstory veg affect visibility in 2020
D1909	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.562740	-93.253395	
D1910	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.562464	-93.253494	Shadows and overstory veg affect visibility in 2020
D1911	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.562433	-93.252419	Shadows and overstory veg affect visibility in 2020
D1912	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.562256	-93.252205	
D1913	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.561989	-93.251648	
D1914	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.561451	-93.251976	
D1915	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.561222	-93.252037	
D1916	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.561209	-93.251953	
D1917	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.561026	-93.251854	
D1918	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.560598	-93.251945	Shadows and overstory veg affect visibility in 2020
D1919	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.560083	-93.251747	
D1920	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.560064	-93.251854	
D1921	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.559668	-93.251747	
D1922	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.559412	-93.251785	Shadows and overstory veg affect visibility in 2020
D1923	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.559412	-93.250786	
D1924	HickoryBranch_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.559347	-93.250771	
D1925	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.559401	-93.250732	Shadows and overstory veg affect visibility in 2020
D1926	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.555920	-93.249474	
D1927	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.555313	-93.249176	
D1928	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554844	-93.248482	Shadows and overstory veg affect visibility in 2020
D1929	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.554911	-93.248276	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

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D1930	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.554745	-93.248329	
D1931	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.554787	-93.248436	
D1932	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554153	-93.249222	Shadows and overstory veg affect visibility in 2020
D1933	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554031	-93.248138	Shadows and overstory veg affect visibility in 2020
D1934	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554068	-93.248070	Shadows and overstory veg affect visibility in 2020
D1935	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554094	-93.248039	Shadows and overstory veg affect visibility in 2020
D1936	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.554071	-93.248009	Shadows and overstory veg affect visibility in 2020
D1937	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.554070	-93.247986	
D1938	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.554119	-93.247833	
D1939	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.553907	-93.247780	
D1940	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.553843	-93.247849	
D1941	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.553802	-93.247841	
D1942	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.553873	-93.247902	Shadows and overstory veg affect visibility in 2020
D1943	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.553743	-93.247864	
D1944	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.553606	-93.247887	
D1945	HickoryBranch_Seg2	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.553019	-93.247704	
D1946	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.552549	-93.246780	Shadows and overstory veg affect visibility in 2020
D1947	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.552576	-93.246643	
D1948	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.551746	-93.246262	
D1949	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.551130	-93.246574	
D1950	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.550318	-93.245789	
D1951	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.550222	-93.245743	
D1952	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.550138	-93.245789	
D1953	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.549910	-93.245644	
D1954	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.549265	-93.245560	
D1955	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.549210	-93.245628	
D1956	HickoryBranch_Seg2	Misc_biological	Pine	Yes	Yes	No	Post		1	30.549290	-93.246376	
D1957	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.549213	-93.246208	Shadows and overstory veg affect visibility in 2020
D1958	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548618	-93.246773	
D1959	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548504	-93.246925	
D1960	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548538	-93.247261	
D1961	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548651	-93.247299	
D1962	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548761	-93.247368	
D1963	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.548780	-93.247490	
D1964	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548681	-93.247620	
D1965	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548489	-93.247566	
D1966	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548429	-93.247528	
D1967	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.548450	-93.247574	
D1968	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.547964	-93.247513	
D1969	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.547747	-93.247215	
D1970	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.547745	-93.247169	
D1971	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.547783	-93.247131	Shadows and overstory veg affect visibility in 2020
D1972	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.547676	-93.247093	Shadows and overstory veg affect visibility in 2020
D1973	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.547091	-93.247131	
D1974	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.547050	-93.247147	
D1975	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546854	-93.247147	
D1976	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546808	-93.247078	
D1977	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546696	-93.247055	
D1978	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546633	-93.247032	
D1979	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546602	-93.247009	
D1980	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546261	-93.247063	
D1981	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545645	-93.246750	
D1982	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545496	-93.246803	
D1983	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545452	-93.246895	
D1984	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545670	-93.247070	
D1985	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545671	-93.247223	
D1986	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545748	-93.247330	
D1987	HickoryBranch_Seg2	Misc_biological	Pine	Yes	Yes	Yes	Pre		1	30.545900	-93.247879	
D1988	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546043	-93.248154	
D1989	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546078	-93.248207	

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D1990	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545954	-93.248322	
D1991	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545820	-93.248367	
D1992	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.545658	-93.248222	
D1993	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545389	-93.247955	
D1994	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545292	-93.248024	
D1995	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.545229	-93.248466	
D1996	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.545492	-93.248581	
D1997	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545128	-93.248177	
D1998	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.545811	-93.248924	
D1999	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546082	-93.249008	
D2000	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.546108	-93.249123	
D2001	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545574	-93.249283	
D2002	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545546	-93.249283	
D2003	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545353	-93.249313	
D2004	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.545321	-93.249306	
D2005	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545300	-93.249359	
D2006	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.545132	-93.249390	
D2007	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544573	-93.249084	
D2008	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544373	-93.248993	
D2009	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544437	-93.248894	
D2010	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544458	-93.248825	
D2011	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.544384	-93.248520	
D2012	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544350	-93.248512	
D2013	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544111	-93.248764	
D2014	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.544073	-93.249702	Shadows and overstory veg affect visibility in 2020
D2015	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.543934	-93.249725	
D2016	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.543911	-93.249718	
D2017	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.543880	-93.249718	
D2018	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.544039	-93.249527	
D2019	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.543871	-93.249832	Shadows and overstory veg affect visibility in 2020
D2020	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.543760	-93.249672	
D2021	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.543728	-93.249626	
D2022	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.543613	-93.249496	
D2023	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.543571	-93.249176	
D2024	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.542278	-93.249123	
D2025	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.542274	-93.249214	
D2026	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.542009	-93.248985	
D2027	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.541487	-93.249725	
D2028	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.541464	-93.249771	
D2029	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.541584	-93.249580	
D2030	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.541580	-93.249641	
D2031	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540960	-93.249657	
D2032	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540911	-93.249657	
D2033	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540888	-93.249687	
D2034	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540890	-93.249748	
D2035	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540850	-93.249733	
D2036	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540834	-93.249672	
D2037	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540831	-93.249641	
D2038	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540327	-93.249786	
D2039	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540178	-93.249947	
D2040	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.540051	-93.250175	
D2041	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.539806	-93.250519	
D2042	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.539448	-93.250816	
D2043	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.539389	-93.250664	
D2044	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.539303	-93.250755	
D2045	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.539251	-93.250854	
D2046	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.539085	-93.250946	
D2047	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.539053	-93.250862	Shadows and overstory veg affect visibility in 2020
D2048	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.539038	-93.250847	
D2049	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.539022	-93.250862	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D2050	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.539001	-93.250862	Shadows and overstory veg affect visibility in 2020
D2051	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538939	-93.250999	
D2052	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538692	-93.251411	
D2053	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.538734	-93.251472	Shadows and overstory veg affect visibility in 2020
D2054	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.538696	-93.251472	Shadows and overstory veg affect visibility in 2020
D2055	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538666	-93.251564	
D2056	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538593	-93.251602	
D2057	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538521	-93.251564	
D2058	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538433	-93.251465	
D2059	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538280	-93.251472	
D2060	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538218	-93.251465	
D2061	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538160	-93.251465	
D2062	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538057	-93.251625	
D2063	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.538090	-93.251770	
D2064	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.537462	-93.252151	
D2065	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.537294	-93.251953	
D2066	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.537251	-93.251808	
D2067	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.537107	-93.251671	
D2068	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.536692	-93.251602	
D2069	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.536682	-93.252045	Shadows and overstory veg affect visibility in 2020
D2070	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.536758	-93.251923	
D2071	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.536781	-93.252045	
D2072	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.536358	-93.252930	
D2073	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.535833	-93.252632	
D2074	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.535732	-93.252655	
D2075	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.535814	-93.253334	
D2076	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.535862	-93.253418	
D2077	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.535767	-93.253975	
D2078	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.534924	-93.254005	
D2079	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.534576	-93.254036	
D2080	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.534157	-93.254501	
D2081	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.534204	-93.254288	
D2082	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.534018	-93.255035	Shadows and overstory veg affect visibility in 2020
D2083	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.534014	-93.255135	
D2084	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533823	-93.255066	
D2085	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533306	-93.254959	
D2086	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.533060	-93.256317	
D2087	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.533024	-93.256317	Shadows and overstory veg affect visibility in 2020
D2088	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.532991	-93.256622	
D2089	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533058	-93.256699	
D2090	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533106	-93.256691	
D2091	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533123	-93.257774	
D2092	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.533100	-93.258614	
D2093	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.533127	-93.258568	
D2094	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.532274	-93.259247	
D2095	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.532051	-93.259140	
D2096	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.531919	-93.259300	
D2097	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.529984	-93.259842	
D2098	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.529890	-93.259735	
D2099	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.528868	-93.260300	
D2100	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.528847	-93.260284	
D2101	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.529278	-93.261818	
D2102	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.528870	-93.261703	
D2103	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.528173	-93.262596	
D2104	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.527857	-93.262466	
D2105	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.527687	-93.262329	
D2106	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.525518	-93.261429	
D2107	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.525143	-93.261230	
D2108	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.525034	-93.261208	
D2109	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.524334	-93.262321	

Beauregard Parish Waterway Debris Assessment

Hickory Branch Data

Point ID	Stream Segment	Debris Type	Tree Type	Visible 2023	Visible 2020	Visible 2018	Pre- or Post-Storm Debris	Estimated Volume (measured, cu yd)	Average Estimated Volume(cu yd)	Latitude	Longitude	Notes
D2110	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.523624	-93.263855	
D2111	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.521343	-93.264046	Shadows and overstory veg affect visibility in 2020
D2112	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.521254	-93.263954	
D2113	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.520655	-93.265579	
D2114	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.520672	-93.265747	Shadows and overstory veg affect visibility in 2020
D2115	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.519241	-93.265450	Shadows and overstory veg affect visibility in 2020
D2116	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.517025	-93.267105	Shadows and overstory veg affect visibility in 2020
D2117	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.516861	-93.267487	Shadows and overstory veg affect visibility in 2020
D2118	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.516382	-93.267563	
D2119	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.514040	-93.266891	
D2120	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.514009	-93.267555	Shadows and overstory veg affect visibility in 2020
D2121	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.513983	-93.267754	
D2122	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.513939	-93.267914	
D2123	HickoryBranch_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.512871	-93.268181	
D2124	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.512480	-93.267639	
D2125	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.512321	-93.267365	
D2126	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.512249	-93.267258	
D2127	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.511793	-93.267273	
D2128	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.511726	-93.267220	
D2129	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.510920	-93.268150	
D2130	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.510447	-93.268257	Shadows and overstory veg affect visibility in 2020
D2131	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.510324	-93.268471	
D2132	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.510344	-93.269325	
D2133	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.509642	-93.274361	Shadows and overstory veg affect visibility in 2020
D2134	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508879	-93.275101	
D2135	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.508850	-93.275177	Shadows and overstory veg affect visibility in 2020
D2136	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.508841	-93.275238	Shadows and overstory veg affect visibility in 2020
D2137	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508816	-93.275497	
D2138	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508648	-93.275574	
D2139	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508533	-93.275520	
D2140	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.508560	-93.275589	Shadows and overstory veg affect visibility in 2020
D2141	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508423	-93.275703	
D2142	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508362	-93.275726	
D2143	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.508263	-93.275749	
D2144	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.507881	-93.275734	
D2145	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.506935	-93.276527	
D2146	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.505230	-93.277069	
D2147	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.503389	-93.277344	
D2148	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.503201	-93.278557	Shadows and overstory veg affect visibility in 2020
D2149	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.502895	-93.278877	
D2150	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.502693	-93.279205	
D2151	HickoryBranch_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.501936	-93.279602	

Appendix A.2

Beauregard Parish Waterway Debris Assessment

Hickory Branch Access Site Data

Notes	StreamSegment	StreamSegment	Latitude	Longitude
ROW	HB1	HickoryBranch_Seg1	30.875729	-93.296402
ROW	HB1	HickoryBranch_Seg1	30.867760	-93.292580
Park Road	HB1	HickoryBranch_Seg1	30.861317	-93.291229
N Pine Street	HB1	HickoryBranch_Seg1	30.859364	-93.288200
Private Property	HB1	HickoryBranch_Seg1	30.857038	-93.284676
Access Road	HB2	HickoryBranch_Seg2	30.775646	-93.301003
Access Road	HB2	HickoryBranch_Seg2	30.773966	-93.298965
Access Road	HB2	HickoryBranch_Seg2	30.766682	-93.301102
Access Road	HB2	HickoryBranch_Seg2	30.759336	-93.298065
Access Road	HB2	HickoryBranch_Seg2	30.752138	-93.294220
Private Pasture	HB2	HickoryBranch_Seg2	30.744720	-93.294655
Bertrand Rd	HB2	HickoryBranch_Seg2	30.737469	-93.300270
Access Road	HB2	HickoryBranch_Seg2	30.700842	-93.312103
Access Road	HB2	HickoryBranch_Seg2	30.684097	-93.304642
Access Road	HB2	HickoryBranch_Seg2	30.679008	-93.302147
Lost Bridge Road	HB2	HickoryBranch_Seg2	30.614029	-93.271095
Hwy 110 E	HB2	HickoryBranch_Seg2	30.606485	-93.261429
ROW	HB2	HickoryBranch_Seg2	30.586798	-93.264587
Private Property	HB2	HickoryBranch_Seg2	30.571663	-93.257065
Longville Church Road	HB2	HickoryBranch_Seg2	30.569662	-93.255569
1st Pentecostal Church Ro	HB2	HickoryBranch_Seg2	30.524748	-93.261406
Private Property	HB2	HickoryBranch_Seg2	30.510292	-93.267883
Hwy 12	HB2	HickoryBranch_Seg2	30.501398	-93.279785
Private Property	HB2	HickoryBranch_Seg2	30.532391	-93.259827
Private Property	HB2	HickoryBranch_Seg2	30.618111	-93.272942
ROW	HB2	HickoryBranch_Seg2	30.717985	-93.301941
ROW	HB1	HickoryBranch_Seg1	30.869579	-93.291794
2nd Lee Road	HB1	HickoryBranch_Seg1	30.857317	-93.278519
Access Road	HB2	HickoryBranch_Seg2	30.764313	-93.300896
Access Road	HB2	HickoryBranch_Seg2	30.762051	-93.300865
Primitive Access Route	HB2	HickoryBranch_Seg2	30.544678	-93.248726
Primitive Access Route	HB2	HickoryBranch_Seg2	30.608822	-93.262856
Primitive Access Route	HB2	HickoryBranch_Seg2	30.635647	-93.286133
Primitive Access Route	HB2	HickoryBranch_Seg2	30.641699	-93.293762
Private Property	HB2	HickoryBranch_Seg2	30.657175	-93.299187
Access Road	HB2	HickoryBranch_Seg2	30.664629	-93.305428
Access Road	HB2	HickoryBranch_Seg2	30.708092	-93.308174
Access Road	HB2	HickoryBranch_Seg2	30.711950	-93.309547
ROW	HB2	HickoryBranch_Seg2	30.716995	-93.303375

Appendix B
U.S. Fish and Wildlife Service Consistency
Letter



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:

October 12, 2023

Project code: 2024-0004133

Project Name: Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek

Subject: Consistency letter for the project named 'Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek' for specified threatened and endangered species that may occur in your proposed project location pursuant to the Louisiana Endangered Species Act project review and guidance for other federal trust resources determination key (Louisiana DKey).

Dear Claire Odenweller:

The U.S. Fish and Wildlife Service (Service) received on October 12, 2023 your effects determination(s) for the 'Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek' (the Action) using the Louisiana DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based on your answers, and the assistance in the Service's Louisiana DKey, you made the following effect determination(s) for the proposed Action:

Species	Listing Status	Determination
American Chaffseed (<i>Schwalbea americana</i>)	Endangered	No effect
Louisiana Pinesnake (<i>Pituophis ruthveni</i>)	Threatened	May affect
Red-cockaded Woodpecker (<i>Picoides borealis</i>)	Endangered	May affect

Further coordination with the Louisiana Ecological Services Office is recommended for those species with a determination of "may affect" listed above. Please contact our office at 337-291-3100 or lafayette@fws.gov to discuss methods to avoid or minimize potential adverse effects to those species.

This IPaC-generated letter only applies to the species in the above table and **does not** apply to the following ESA-protected species that also may occur in the Action Area:

- Alligator Snapping Turtle *Macrochelys temminckii* Proposed Threatened

- Monarch Butterfly *Danaus plexippus* Candidate
 - Whooping Crane *Grus americana* Experimental Population, Non-Essential
-

Action Description

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

1. Name

Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek

2. Description

The following description was provided for the project 'Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek':

Beauregard Parish plans to remove storm debris from approximately 90 miles of Bundick Creek, Hickory Branch, and Flat Creek to restore drainage to these areas. The area of interest includes a 100 foot buffer on either side of each stream center. Approximately 7,000 cubic yards of downed trees and miscellaneous storm debris has been identified within the subject streams to be removed. Specific methodologies for removal and disposal have not yet been determined but will likely include a combination of chipping in place and removal to an offsite, licensed disposal area. This project will be completed in winter 2023-2024 pending project approvals.

Beauregard Parish has begun discussions with FEMA to obtain post-Hurricane Laura public assistance to complete this work. An application will also be submitted to the US Army Corp of Engineers for authorization under General Permit-159 for drainage maintenance in existing water bodies for the purpose of maintaining drainage.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@30.8244804,-93.23097262098801,14z>



QUALIFICATION INTERVIEW

1. Is the action authorized, funded, or being carried out by a Federal agency?

No

2. [Hidden Semantic] Does the project intersect the red-cockaded woodpecker (RCW) AOI?

Automatically answered

Yes

3. Will the project involve removal of suitable RCW foraging habitat (pine or pine/hardwood stands in which 50 percent or more of the dominant trees are pines and the dominant pine trees are 30 years of age or older)?

No

4. Will the project occur within suitable RCW nesting habitat (pine or pine/hardwood stands that contain pines 60 years of age or older)?

Yes

5. [Hidden Semantic] Does the project intersect the pink mucket mussel AOI ?

Automatically answered

No

6. [Hidden Semantic] Does the project intersect the Louisiana pinesnake AOI?

Automatically answered

Yes

7. Does the project occur on land that is forested or on land that is either undeveloped or non-farmed and is located within 1,920ft of adjacent forested lands?

Yes

8. [Semantic] Is the project located within a Louisiana pinesnake Estimated Occupied Habitat Area (EOHA)?

Automatically answered

No

9. Will the project activities involve surface or subsurface ground disturbance?

Yes

10. [Hidden Semantic] Does the project intersect the American chaff-seed AOI?

Automatically answered

Yes

11. Is the proposed project located on or around "pimple mounds" ?

Note: Pimple mounds are low, flattened, roughly circular, or elliptical domes consisting of sandy loam that are entirely distinct from surrounding soils within long-leaf pine flatwoods. They have a basal diameter ranging from 3 meters (m) to more than 30 m and a height ranging from 30 centimeters to more than 2 m.

No

12. (Semantic) Does the project intersect the Louisiana black bear Range?

Automatically answered

No

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Claire Odenweller
Address: 9420 Old Hammond Hwy
City: Baton Rouge
State: LA
Zip: 70809
Email: codenweller@timbalierresources.com
Phone: 9374751626

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Parish of Beauregard

Appendix C

U.S. Fish and Wildlife Service List of
Threatened and Endangered Species



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:

October 12, 2023

Project Code: 2024-0004133

Project Name: Beauregard Parish Drainage Project: Bundick Creek, Hickory Branch, and Flat Creek

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
-

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
