



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	30.726070 -93.093750

ADJACENT LANDOWNERS

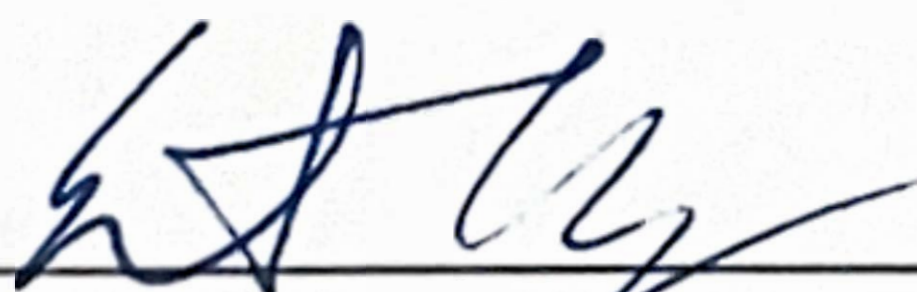
Names, Addresses, Phone Numbers of Adjacent Landowners
See attachment

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



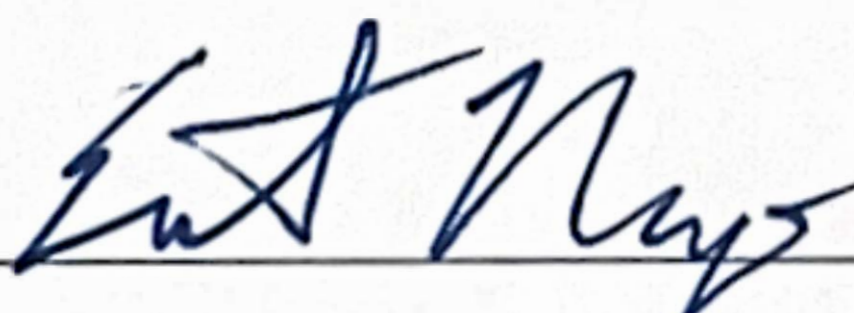
TYLER M. BOSWORTH
SECRETARY

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
Bundick Creek, – Disaster Related Storm Debris Removal
June 12, 2026

Work Plan Narrative

Beauregard Parish Bundick Creek 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 43 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 total 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 tentatively 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 include 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

The 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 Bundick Creek 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 Bundick Creek.

F. Photographs

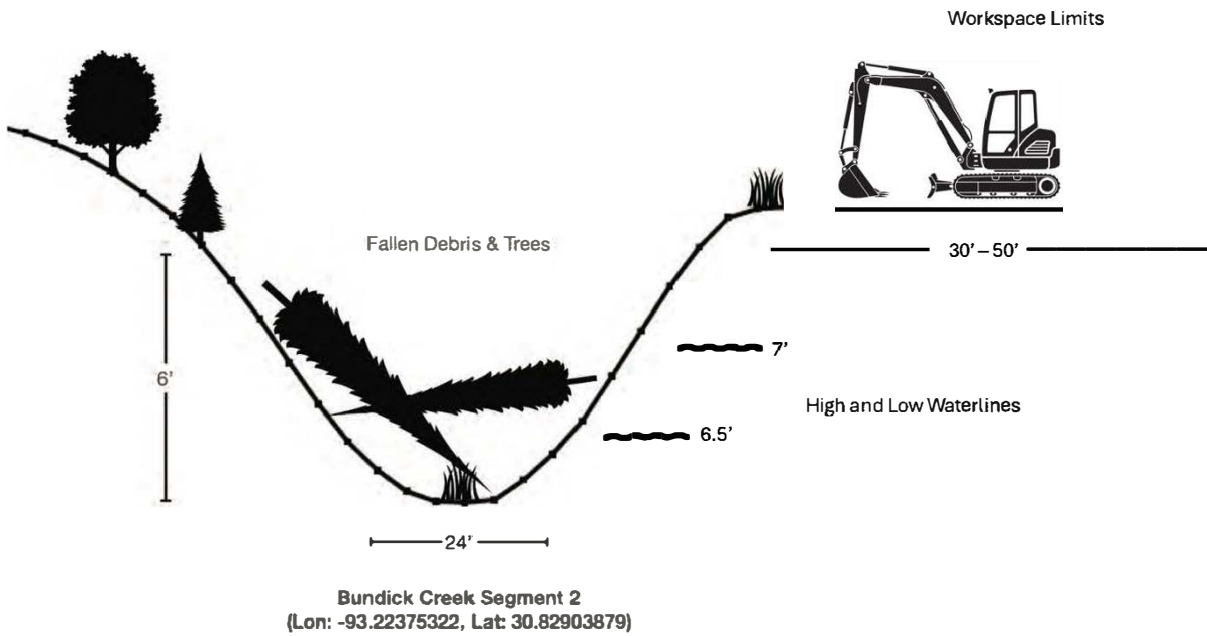
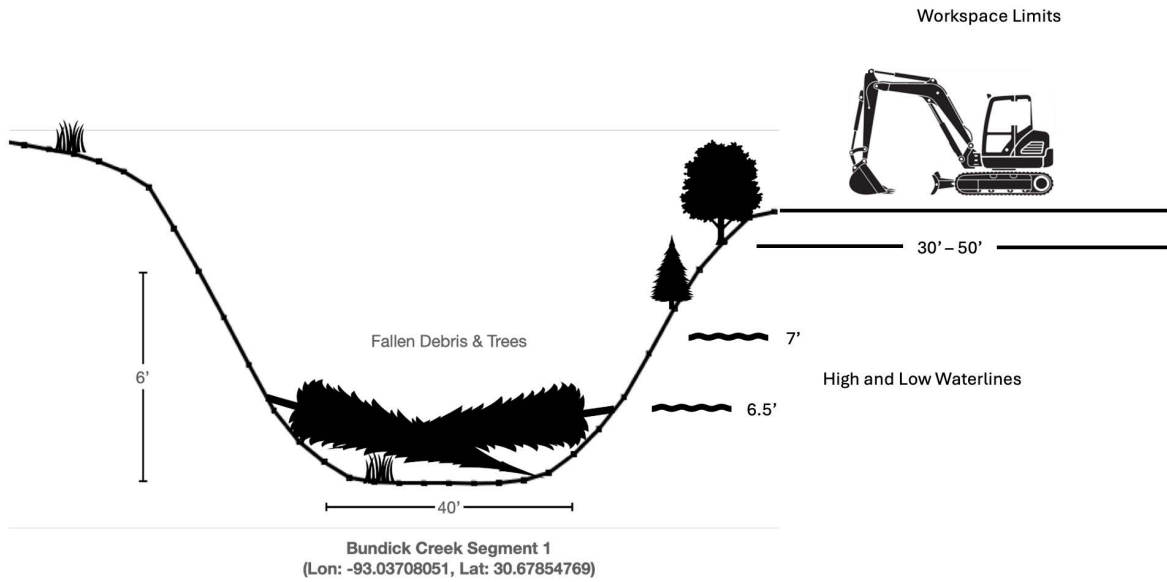
A drone captured the photographs shown in this application above the water surface. This document includes photographs to identify the proposed debris for removal.

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 Bundick Creek 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 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 Bundick Creek. 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 Bundick Creek. 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 Bundick Creek 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.

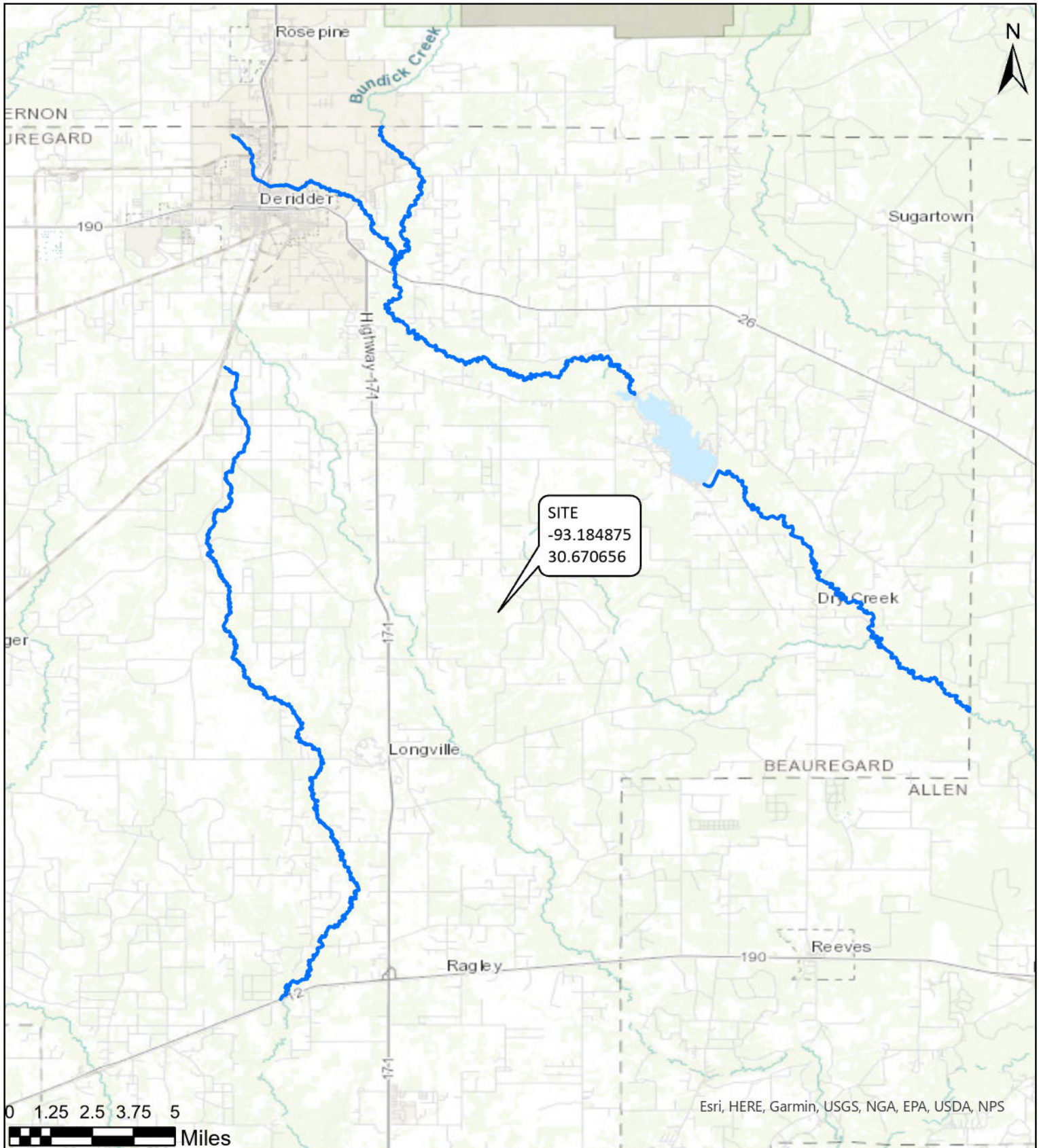
Conclusion

The proposed action to remove storm-related debris from Bundick Creek 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.

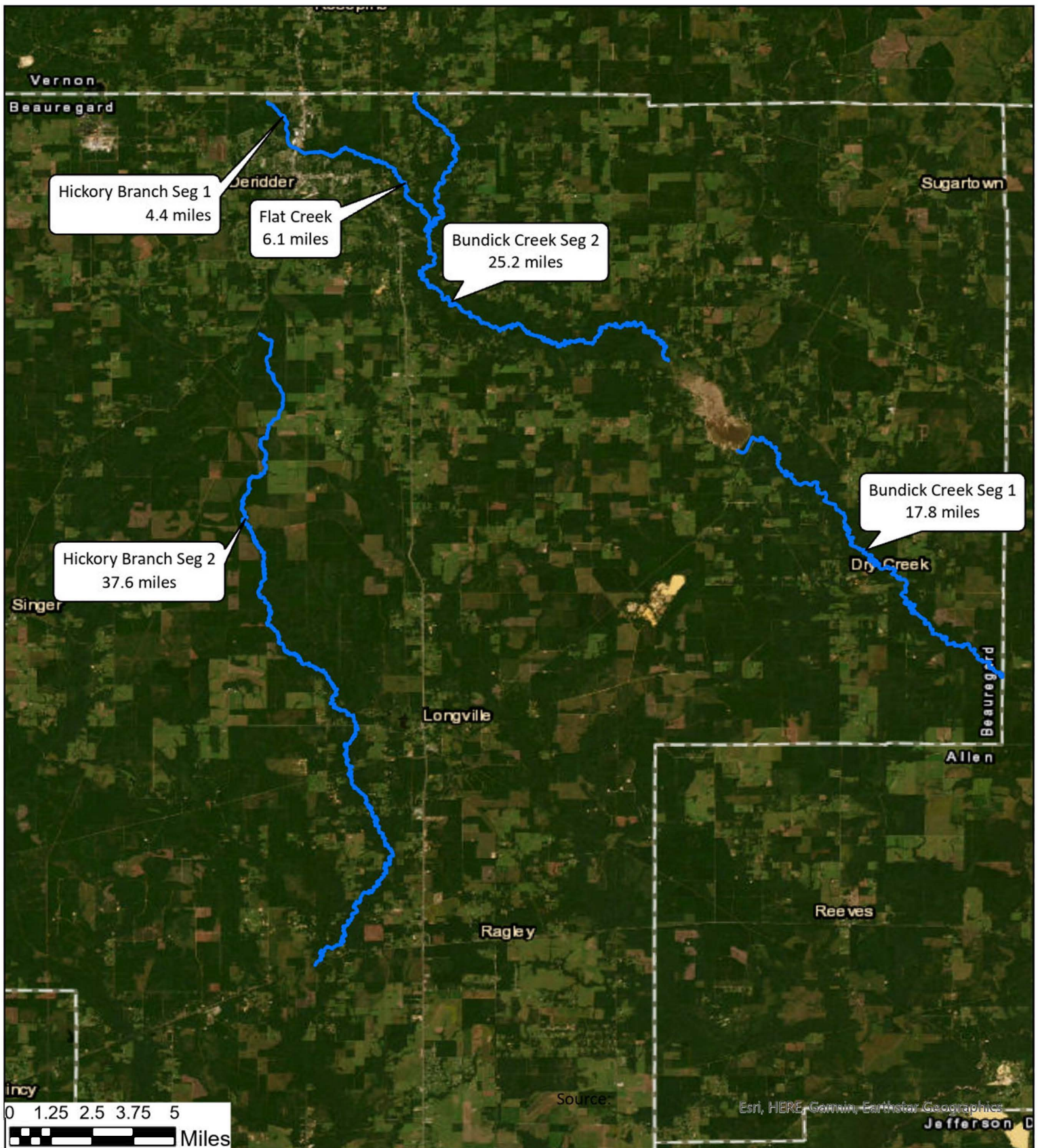
Figures

Figures 1 – 2 Vicinity Maps

Figures 3.1 – 3.22 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

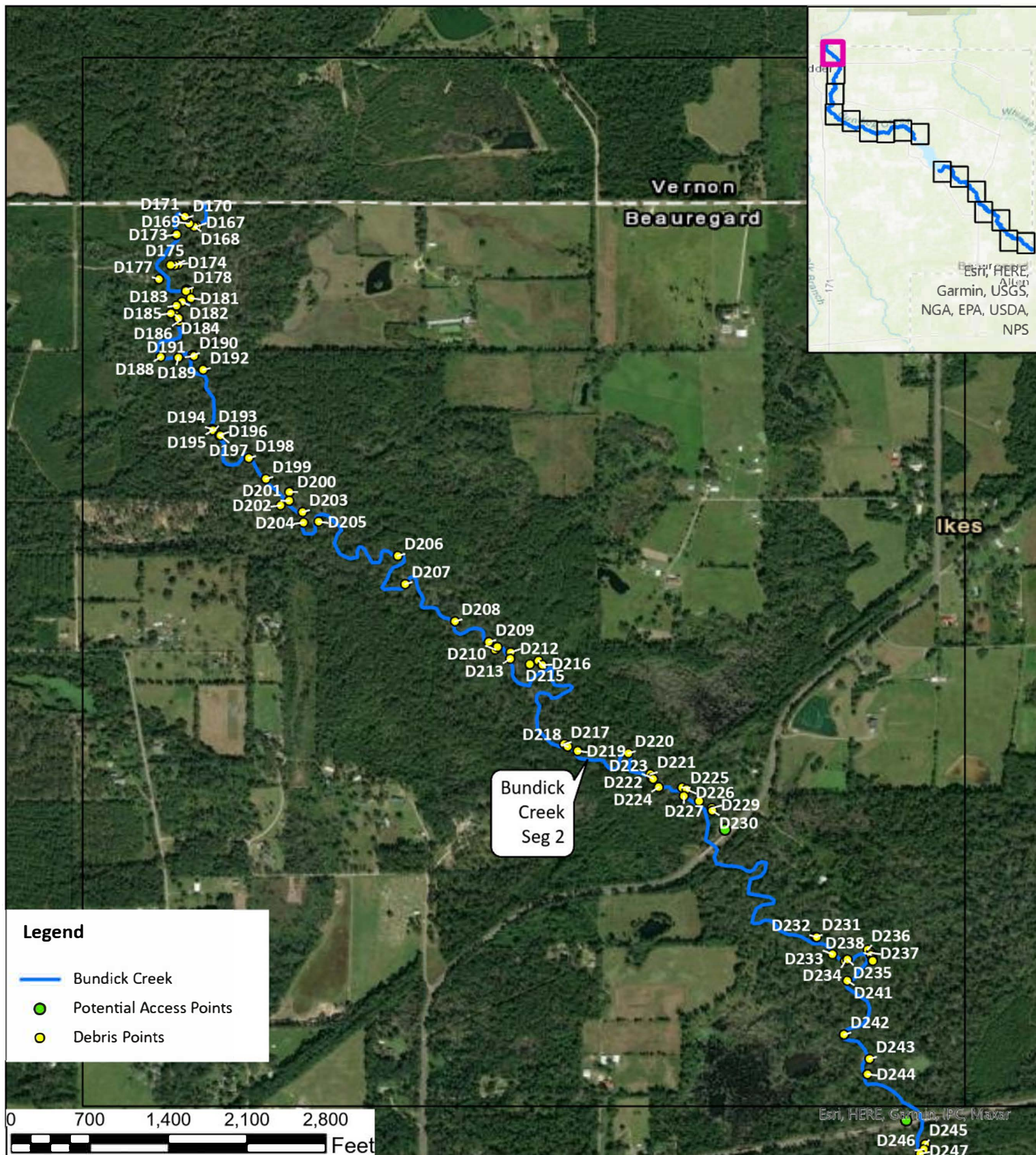
Beauregard Parish Police Jury
DeRidder, Louisiana

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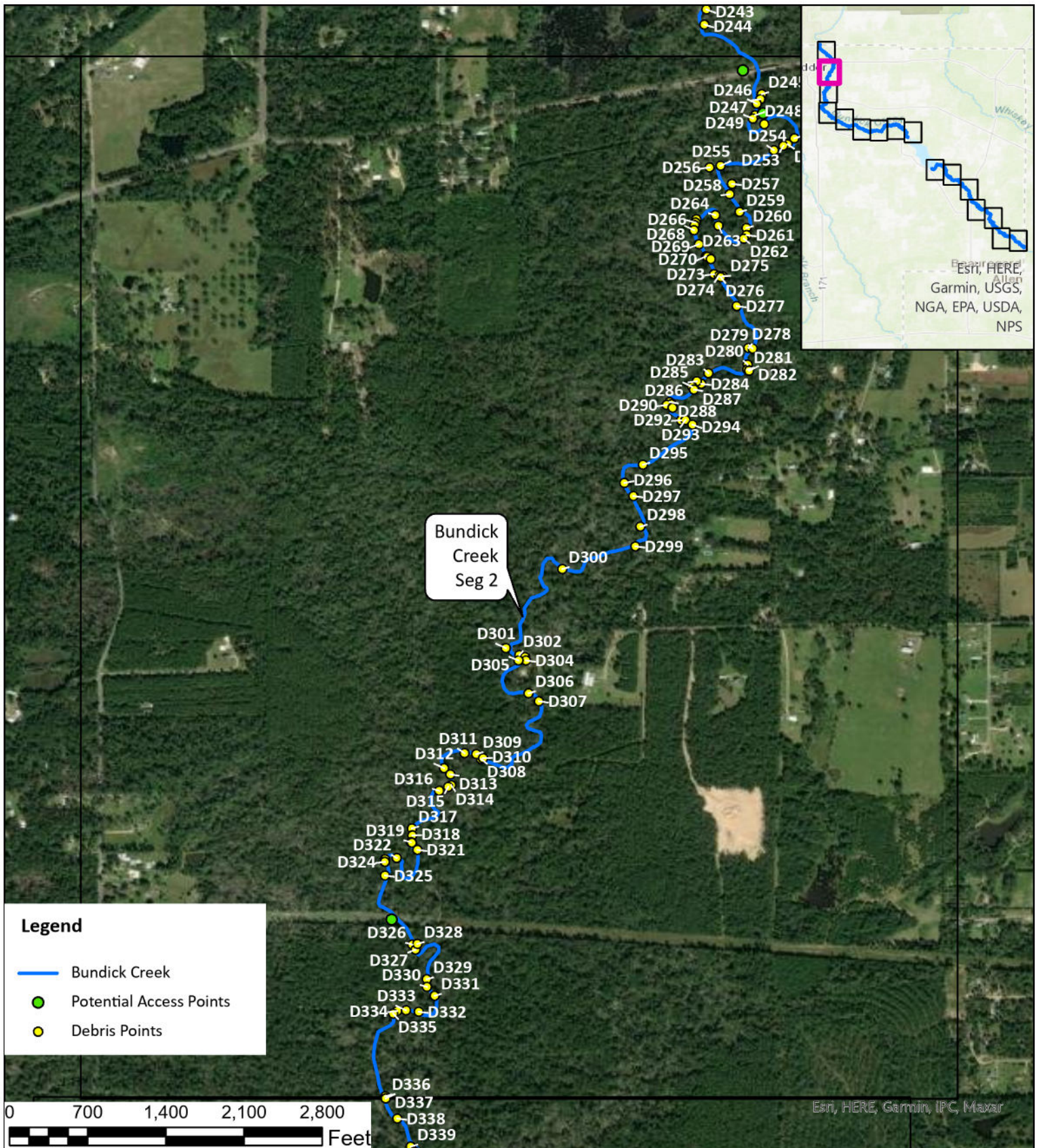
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Figure 2

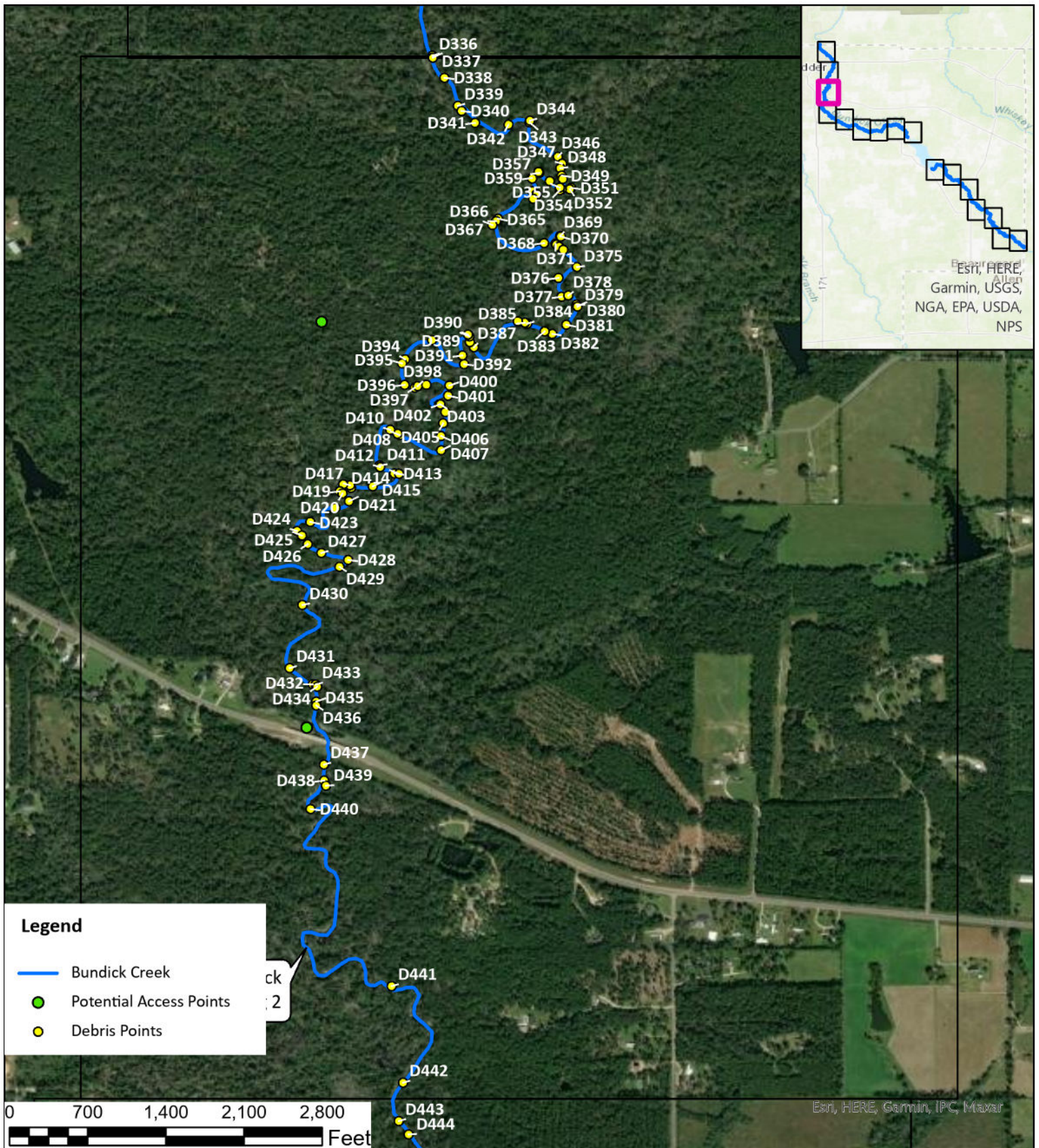


	Debris Locations Map		
	Beauregard Parish Drainage Project Beauregard Parish, Louisiana		
	Beauregard Parish Police Jury DeRidder, Louisiana		
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Figure: 3.1



	Debris Locations Map		
	Beaugard Parish Drainage Project Beaugard Parish, Louisiana		
	Beaugard Parish Police Jury DeRidder, Louisiana		
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Figure: 3.2			



Legend

- Bundick 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

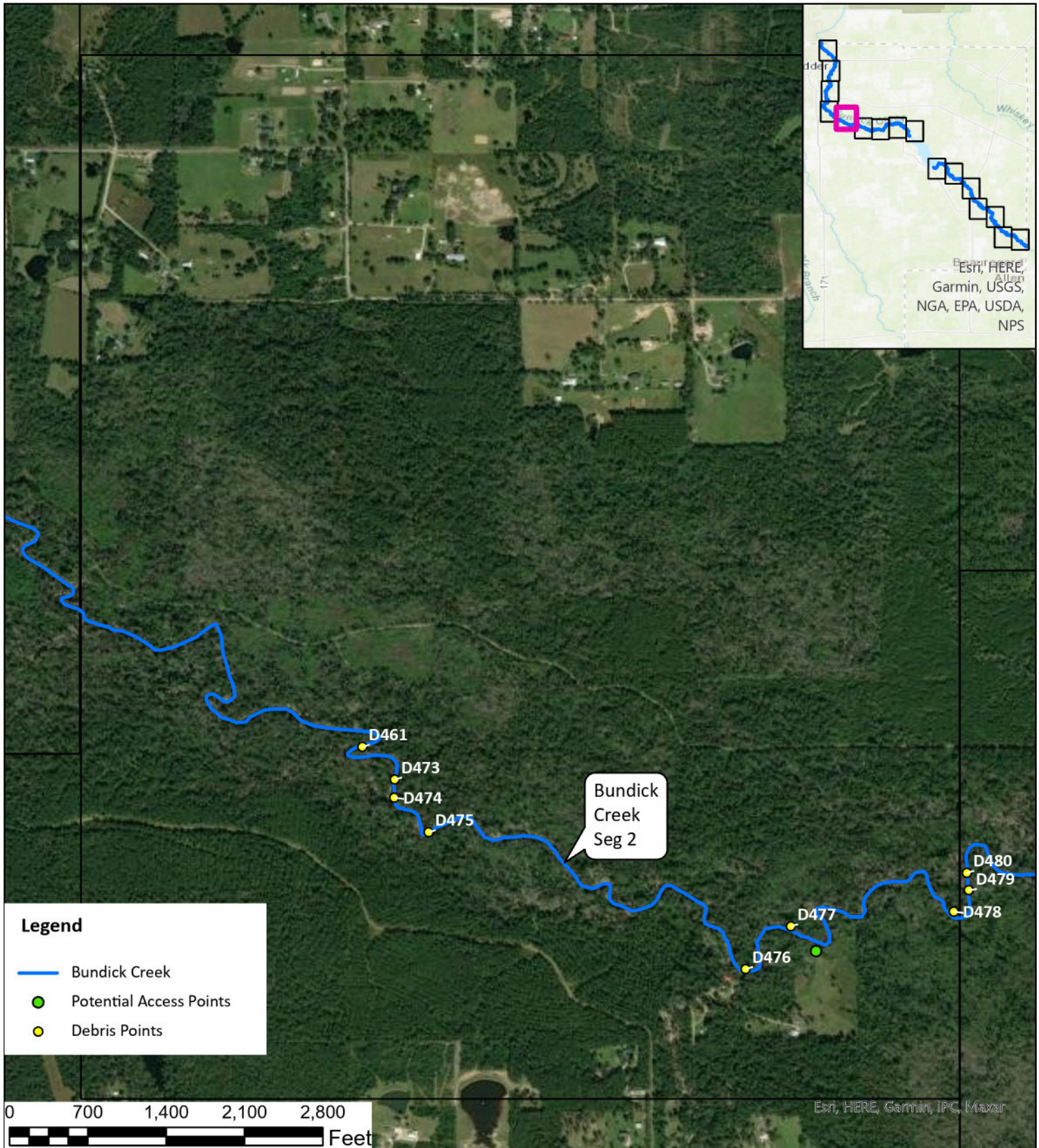
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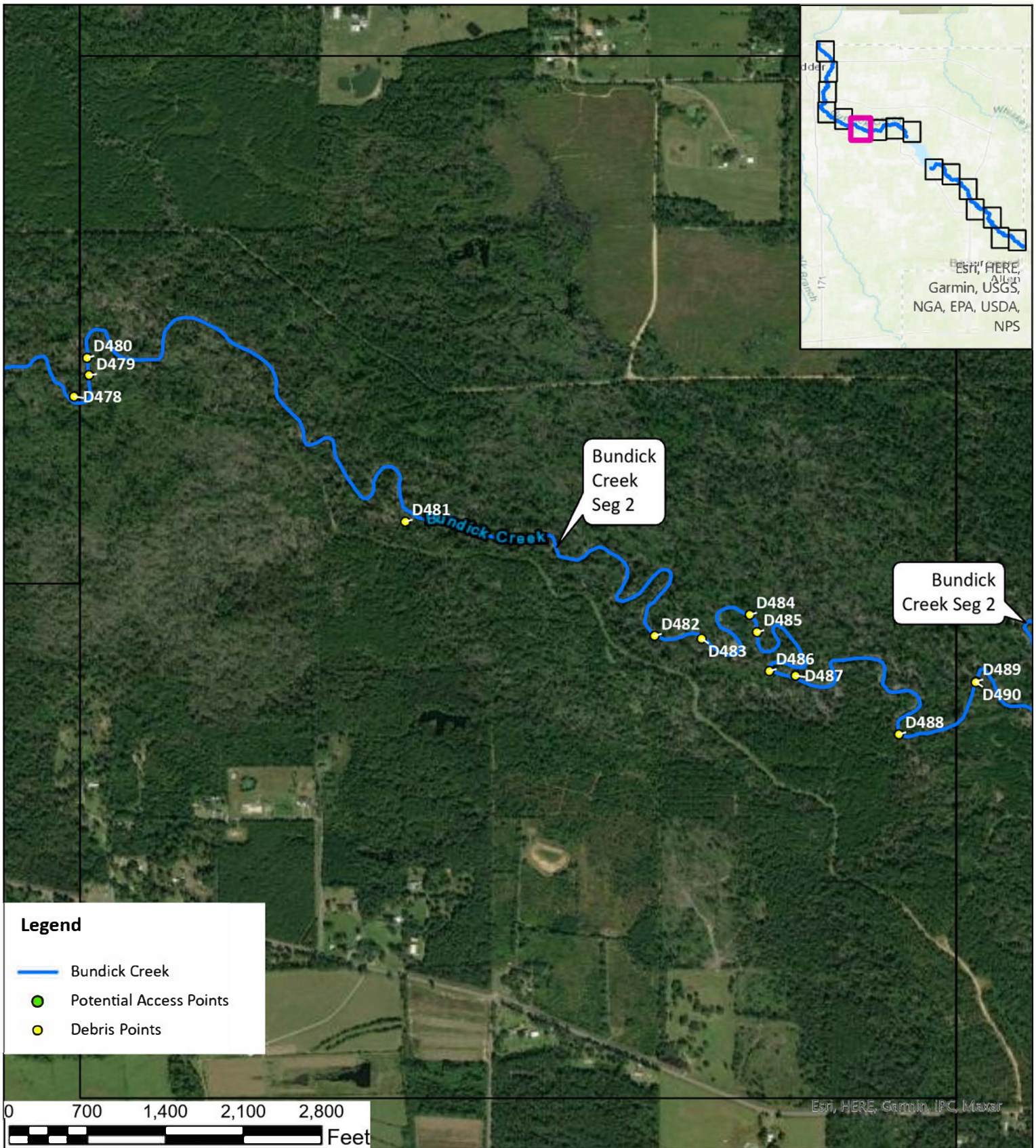
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Figure: 3.3



	Debris Locations Map		
	Beauregard Parish Drainage Project Beauregard Parish, Louisiana		
	Beauregard Parish Police Jury DeRidder, Louisiana		
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Figure: 3.5			



Legend

- Bundick 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

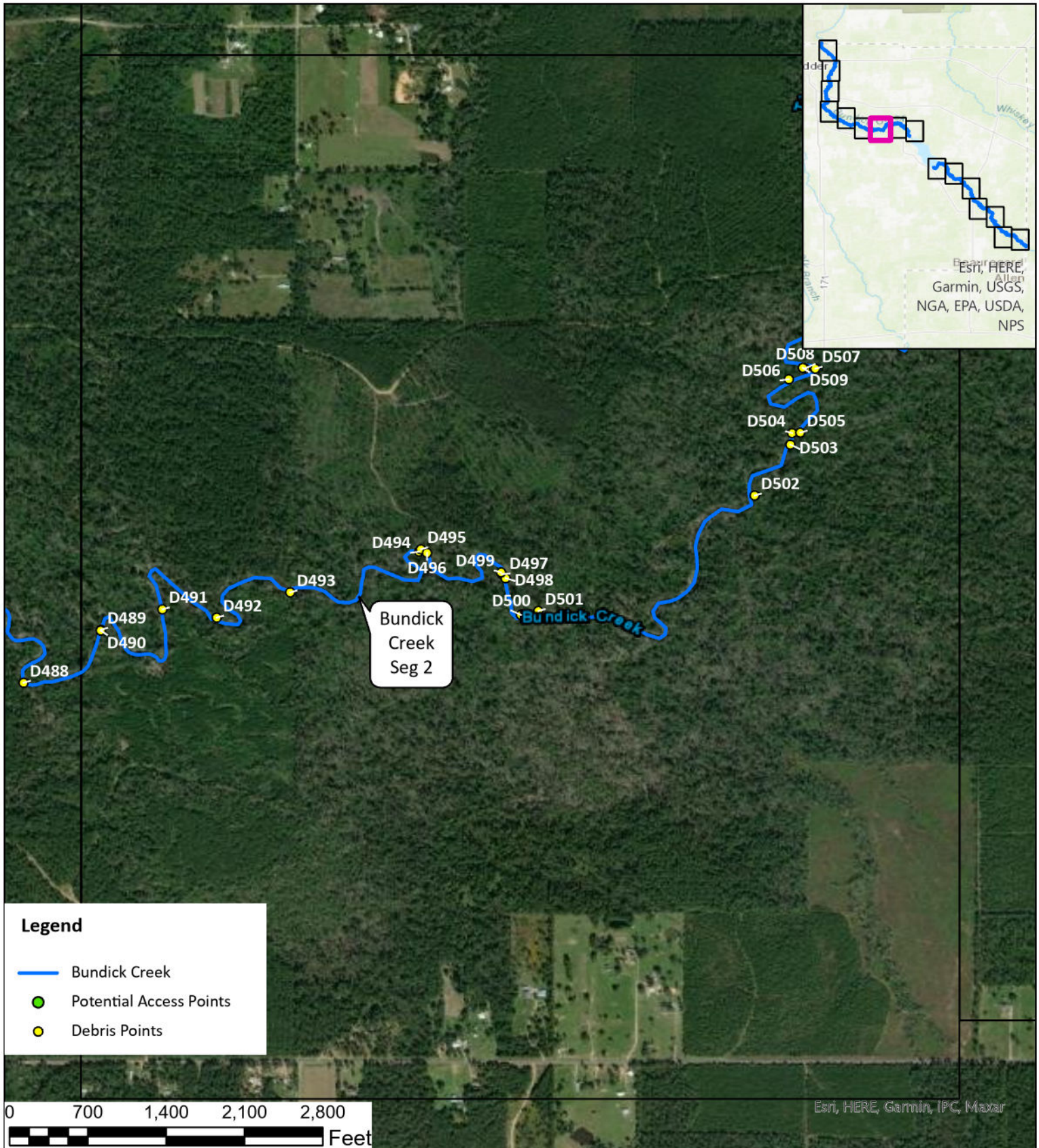
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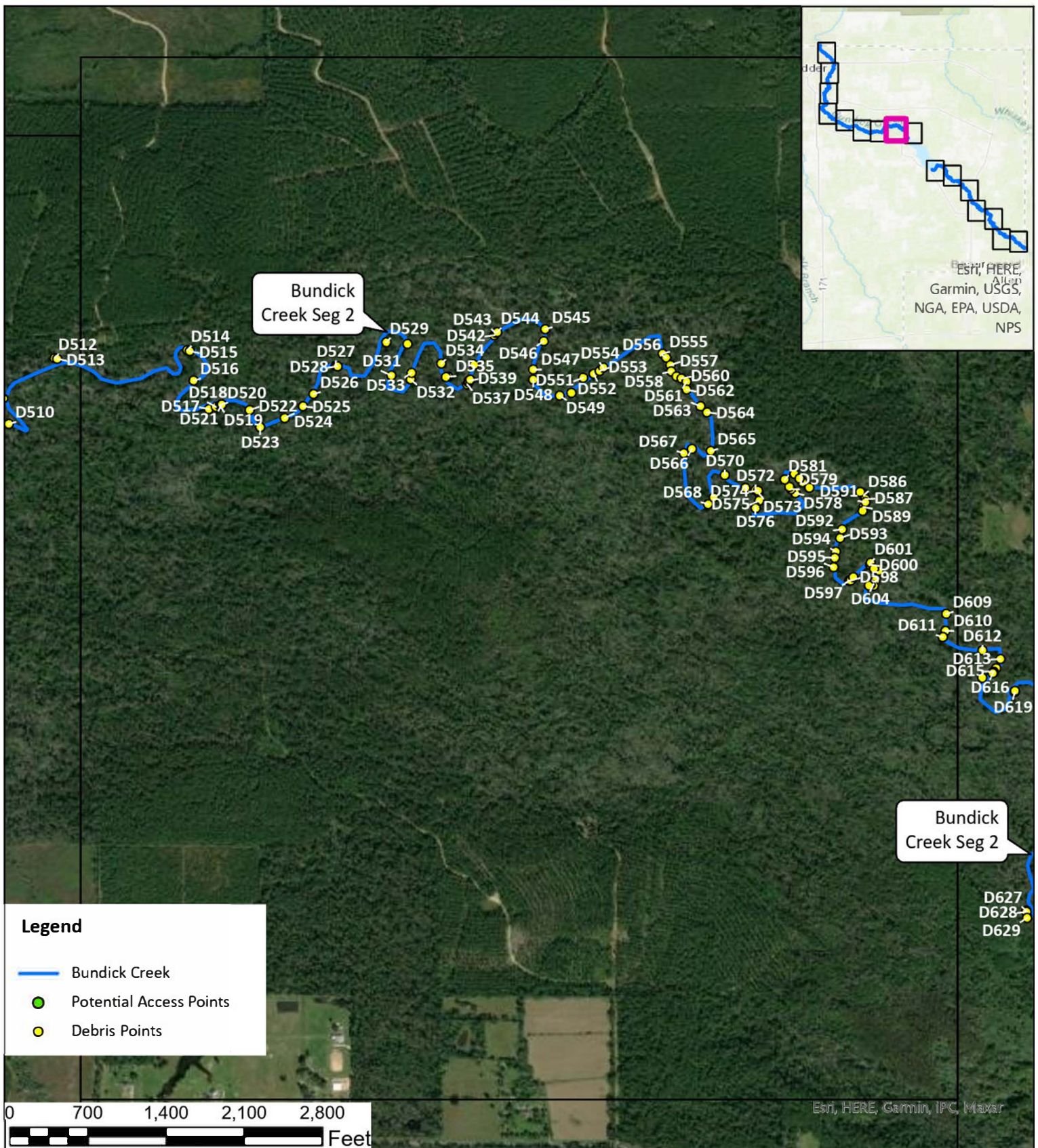
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Figure: 3.6





Map Notes



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

Beauregard Parish Police Jury
DeRidder, Louisiana

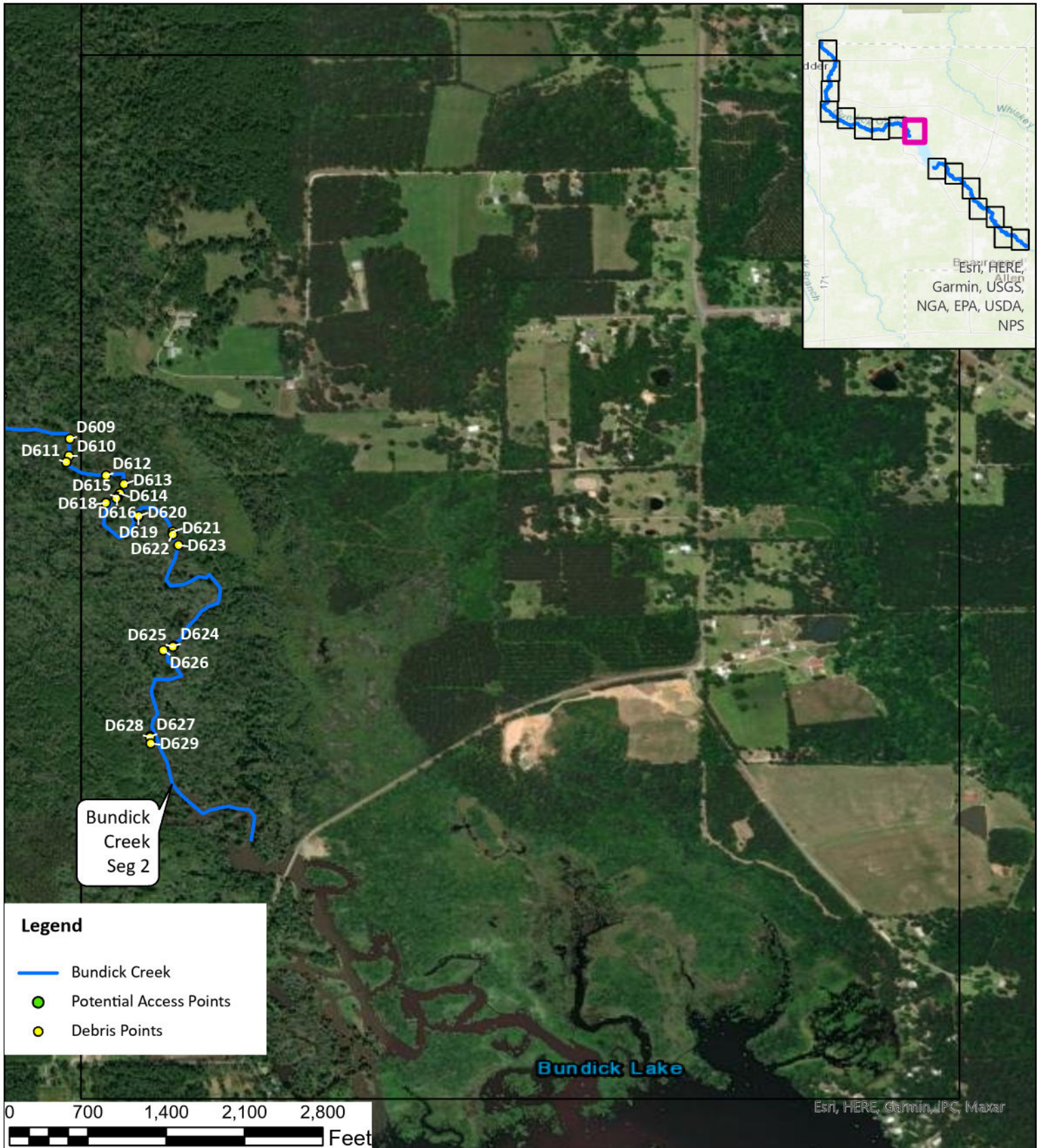
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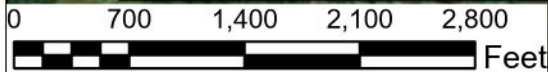


Figure: 3.8



Legend

- Bundick Creek
- Potential Access Points
- Debris Points



Map Notes

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RESOURCES

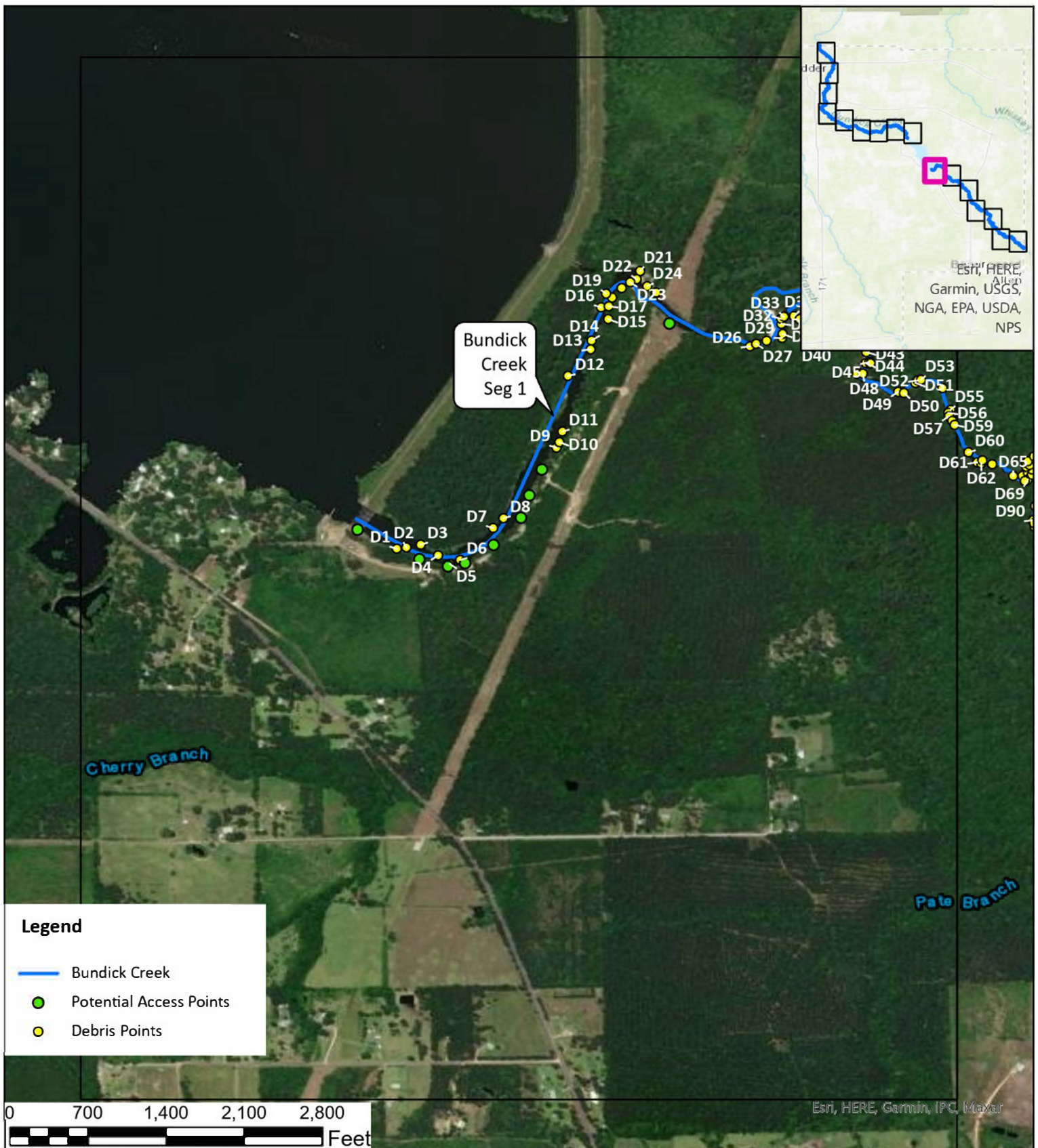
Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.9



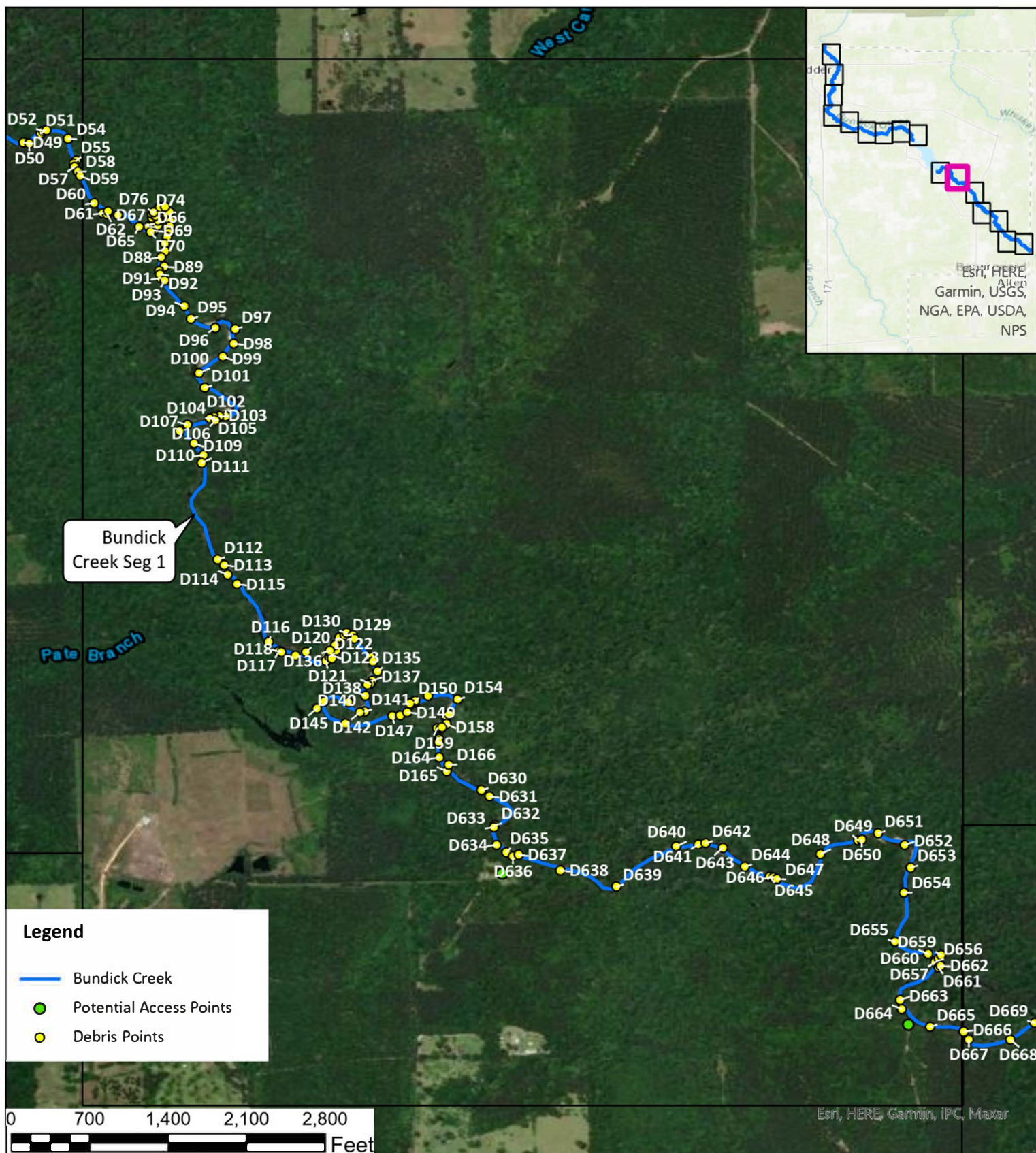
Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.10



Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

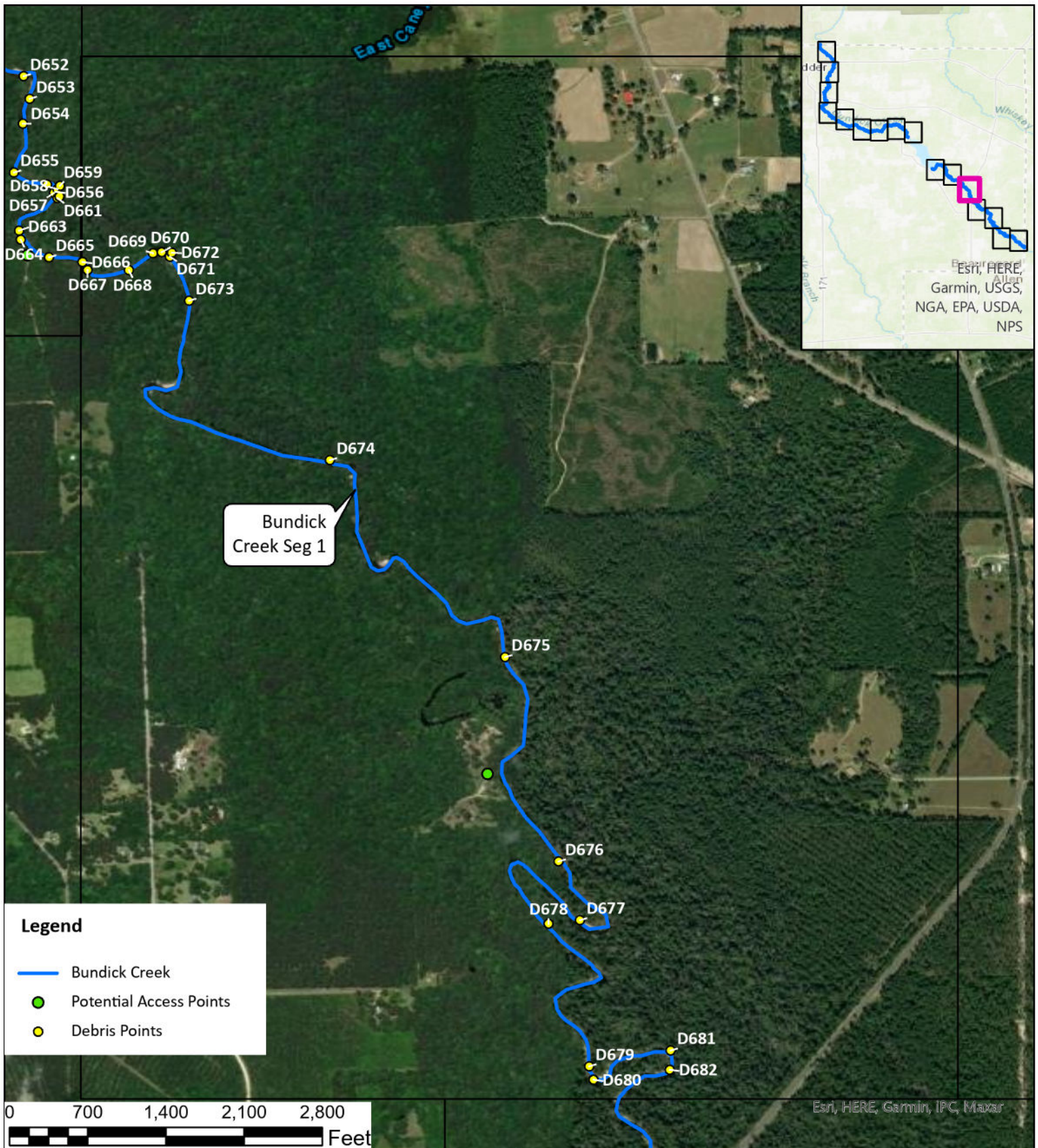
Beauregard Parish Police Jury
DeRidder, Louisiana

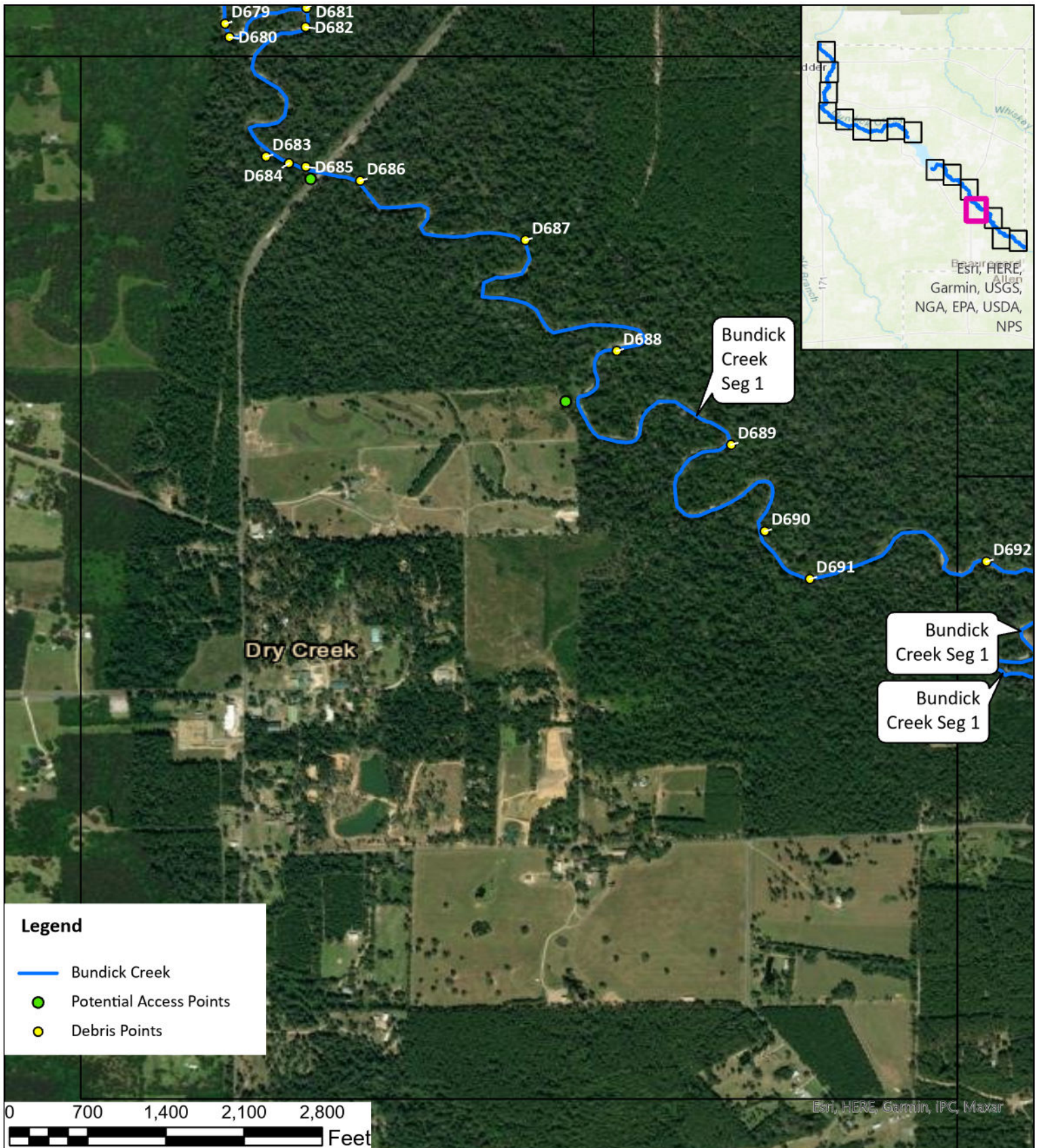
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Debris Locations Map

Beauregard Parish Drainage Project
Beauregard Parish, Louisiana

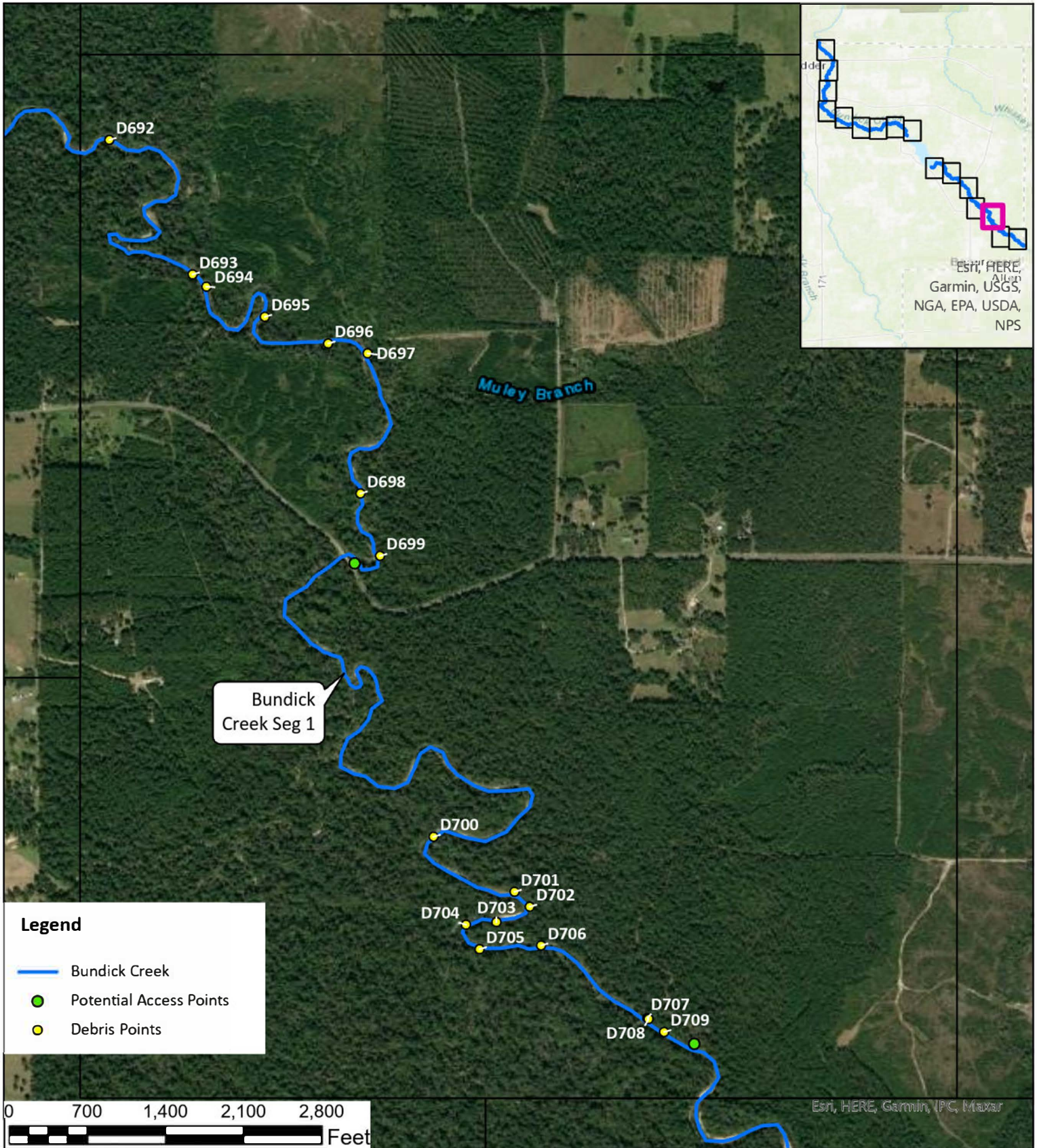
Beauregard Parish Police Jury
DeRidder, Louisiana

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Figure: 3.13



Legend

- Bundick 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: 3.14

Appendix A.1

Beauregard Parish Waterway
Debris Assessment

Bundick Creek Data

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Bundick Creek 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
D1	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.726070	-93.093750	
D2	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.726103	-93.093506	High water may cover tree debris in 2023
D3	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.726170	-93.093155	
D4	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.725906	-93.092735	
D5	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.725695	-93.092445	High water may cover tree debris in 2023
D6	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	0.71	1	30.725796	-93.092194	High water may cover tree debris in 2023
D7	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.726580	-93.091385	High water may cover tree debris in 2023
D8	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	1.36	1	30.726818	-93.091125	High water may cover tree debris in 2023
D9	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.728550	-93.089828	High water may cover tree debris in 2023
D10	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Yes	Yes	No	Post		5	30.728683	-93.089760	
D11	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.728947	-93.089684	
D12	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.730310	-93.089546	High water may cover tree debris in 2023
D13	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.730961	-93.088989	High water may cover tree debris in 2023
D14	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.731178	-93.088966	High water may cover tree debris in 2023
D15	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.731703	-93.088562	High water may cover tree debris in 2023
D16	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.731993	-93.088737	High water may cover tree debris in 2023
D17	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.732018	-93.088547	
D18	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.732231	-93.088463	High water may cover tree debris in 2023
D19	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.23	1	30.732327	-93.088615	High water may cover tree debris in 2023
D20	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.732464	-93.088226	High water may cover tree debris in 2023
D21	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.732882	-93.087776	High water may cover tree debris in 2023
D22	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.732681	-93.087868	High water may cover tree debris in 2023
D23	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.732605	-93.088020	High water may cover tree debris in 2023
D24	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.732510	-93.087601	High water may cover tree debris in 2023
D25	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.732357	-93.087387	
D26	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.731033	-93.085083	High water may cover tree debris in 2023
D27	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.731096	-93.084930	High water may cover tree debris in 2023
D28	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.731171	-93.084679	High water may cover tree debris in 2023
D29	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.92	1	30.731241	-93.084297	High water may cover tree debris in 2023
D30	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.30	1	30.731340	-93.084282	High water may cover tree debris in 2023
D31	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.731585	-93.084312	High water may cover tree debris in 2023
D32	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.731710	-93.084320	High water may cover tree debris in 2023
D33	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.731764	-93.084251	High water may cover tree debris in 2023
D34	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.731775	-93.084007	High water may cover tree debris in 2023
D35	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.23	1	30.731703	-93.083862	High water may cover tree debris in 2023
D36	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.731709	-93.083633	High water may cover tree debris in 2023
D37	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.731766	-93.083572	High water may cover tree debris in 2023
D38	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.731735	-93.083313	High water may cover tree debris in 2023
D39	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.731306	-93.083092	High water may cover tree debris in 2023
D40	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.731102	-93.082939	High water may cover tree debris in 2023
D41	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.731131	-93.082664	High water may cover tree debris in 2023
D42	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.731047	-93.082489	High water may cover tree debris in 2023
D43	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.730892	-93.082230	
D44	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.730623	-93.082245	High water may cover tree debris in 2023
D45	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.730648	-93.082161	High water may cover tree debris in 2023
D46	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.730618	-93.082130	High water may cover tree debris in 2023
D47	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.730366	-93.082458	High water may cover tree debris in 2023
D48	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	Yes	Pre		5	30.730366	-93.082314	
D49	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.729916	-93.081451	High water may cover tree debris in 2023
D50	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.729893	-93.081306	
D51	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.730137	-93.081024	High water may cover tree debris in 2023
D52	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.730198	-93.080971	High water may cover tree debris in 2023
D53	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.730215	-93.080887	High water may cover tree debris in 2023
D54	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.730011	-93.080360	High water may cover tree debris in 2023
D55	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.729475	-93.080162	High water may cover tree debris in 2023
D56	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.729403	-93.080223	High water may cover tree debris in 2023
D57	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.729321	-93.080200	High water may cover tree debris in 2023

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D58	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.729206	-93.080124	
D59	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.729107	-93.080063	High water may cover tree debris in 2023
D60	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	0.47	1	30.728436	-93.079727	High water may cover tree debris in 2023
D61	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.728188	-93.079514	High water may cover tree debris in 2023
D62	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.728167	-93.079407	High water may cover tree debris in 2023
D63	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.728235	-93.079384	
D64	BundickCreek_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.728142	-93.079140	
D65	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.727856	-93.078629	High water may cover tree debris in 2023
D66	BundickCreek_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.727861	-93.078400	
D67	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.727928	-93.078262	High water may cover tree debris in 2023
D68	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.727970	-93.078140	High water may cover tree debris in 2023
D69	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.727766	-93.078270	
D70	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.727732	-93.078339	
D71	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.727888	-93.078171	High water may cover tree debris in 2023
D72	BundickCreek_Seg1	MatureTree_single	Bald_Cypress	Yes	Yes	Yes	Pre		3	30.728014	-93.078171	
D73	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.728079	-93.078308	High water may cover tree debris in 2023
D74	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.728170	-93.078308	High water may cover tree debris in 2023
D75	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.728127	-93.078224	High water may cover tree debris in 2023
D76	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.728214	-93.078270	High water may cover tree debris in 2023
D77	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.728336	-93.078117	High water may cover tree debris in 2023
D78	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.728155	-93.077942	High water may cover tree debris in 2023
D79	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.728218	-93.077881	
D80	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.728350	-93.077995	High water may cover tree debris in 2023
D81	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.727991	-93.077858	High water may cover tree debris in 2023
D82	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.727867	-93.077873	High water may cover tree debris in 2023
D83	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.727779	-93.077911	
D84	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.727707	-93.077904	
D85	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.727608	-93.077942	
D86	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	Yes	Pre		5	30.727442	-93.077995	
D87	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	Yes	Pre		5	30.727262	-93.077995	
D88	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	Yes	Pre		3	30.727116	-93.078087	
D89	BundickCreek_Seg1	MatureTree_multiple	Unknown	Partial	Yes	No	Post		5	30.726887	-93.078011	
D90	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.726774	-93.078140	
D91	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Yes	Yes	No	Post		5	30.726603	-93.078102	
D92	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.83	1	30.726698	-93.078117	High water may cover tree debris in 2023
D93	BundickCreek_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.726547	-93.078003	
D94	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	Partial	Pre		5	30.725922	-93.077522	
D95	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	Yes	Pre		5	30.725609	-93.077362	
D96	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.725388	-93.076767	High water may cover tree debris in 2023
D97	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.725359	-93.076279	High water may cover tree debris in 2023
D98	BundickCreek_Seg1	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.725002	-93.076317	
D99	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	2.83	1	30.724688	-93.076584	High water may cover tree debris in 2023
D100	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	Yes	Pre		5	30.724285	-93.077164	
D101	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.32	1	30.723930	-93.077026	High water may cover tree debris in 2023
D102	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	1.56	1	30.723232	-93.076515	High water may cover tree debris in 2023
D103	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.723236	-93.076668	High water may cover tree debris in 2023
D104	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.723211	-93.076790	High water may cover tree debris in 2023
D105	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.29	1	30.723177	-93.076897	High water may cover tree debris in 2023
D106	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	Yes	Pre	0.49	1	30.723129	-93.076759	High water may cover tree debris in 2023
D107	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	Yes	Pre		3	30.723022	-93.077446	
D108	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.722870	-93.077637	High water may cover tree debris in 2023
D109	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.722567	-93.077286	High water may cover tree debris in 2023
D110	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.722282	-93.077057	
D111	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.722090	-93.077095	High water may cover tree debris in 2023
D112	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.719732	-93.076706	High water may cover tree debris in 2023
D113	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.719595	-93.076546	
D114	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.719360	-93.076469	

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D115	BundickCreek_Seg1	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.719131	-93.076233	High water may cover tree debris in 2023
D116	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.717720	-93.075462	High water may cover tree debris in 2023
D117	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.717491	-93.075211	High water may cover tree debris in 2023
D118	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.717468	-93.075157	High water may cover tree debris in 2023
D119	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.717384	-93.074806	High water may cover tree debris in 2023
D120	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.717468	-93.074554	
D121	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.717253	-93.074066	High water may cover tree debris in 2023
D122	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.717354	-93.073975	High water may cover tree debris in 2023
D123	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.717398	-93.073936	High water may cover tree debris in 2023
D124	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Yes	Yes	No	Post		5	30.717318	-93.073921	
D125	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.717480	-93.073853	High water may cover tree debris in 2023
D126	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.717506	-93.073807	High water may cover tree debris in 2023
D127	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.717646	-93.073837	High water may cover tree debris in 2023
D128	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	Yes	Pre		3	30.717823	-93.073738	
D129	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.717880	-93.073608	High water may cover tree debris in 2023
D130	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.717939	-93.073563	High water may cover tree debris in 2023
D131	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.717884	-93.073410	
D132	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.717798	-93.073372	
D133	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	Yes	Pre		3	30.717344	-93.072968	High water may cover tree debris in 2023
D134	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.717241	-93.072922	High water may cover tree debris in 2023
D135	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	1.39	1	30.717003	-93.072807	High water may cover tree debris in 2023
D136	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.717505	-93.073967	High water may cover tree debris in 2023
D137	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	No	Post		5	30.716774	-93.072937	High water may cover tree debris in 2023
D138	BundickCreek_Seg1	Misc_biological	Hardwoods_Misc	No	Yes	No	Post	0.35	1	30.716692	-93.072983	High water may cover tree debris in 2023
D139	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.716673	-93.073059	
D140	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.716404	-93.073105	High water may cover tree debris in 2023
D141	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.716022	-93.073120	High water may cover tree debris in 2023
D142	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.715998	-93.073235	High water may cover tree debris in 2023
D143	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.716246	-93.073517	
D144	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.716263	-93.074112	High water may cover tree debris in 2023
D145	BundickCreek_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.716093	-93.074287	
D146	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.715725	-93.073593	High water may cover tree debris in 2023
D147	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.715912	-93.072441	High water may cover tree debris in 2023
D148	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.715925	-93.072250	High water may cover tree debris in 2023
D149	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.716002	-93.072083	
D150	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.716249	-93.071899	High water may cover tree debris in 2023
D151	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	Yes	Yes	Pre		3	30.716278	-93.071892	
D152	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	0.79	1	30.716215	-93.072014	High water may cover tree debris in 2023
D153	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.716402	-93.071571	High water may cover tree debris in 2023
D154	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.716316	-93.070854	High water may cover tree debris in 2023
D155	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.715847	-93.071136	High water may cover tree debris in 2023
D156	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.715916	-93.071129	
D157	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.715950	-93.071060	High water may cover tree debris in 2023
D158	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.715715	-93.071121	High water may cover tree debris in 2023
D159	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.715612	-93.071342	High water may cover tree debris in 2023
D160	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.715607	-93.071266	High water may cover tree debris in 2023
D161	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	No	Post		3	30.715635	-93.071236	
D162	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.715347	-93.071304	High water may cover tree debris in 2023
D163	BundickCreek_Seg1	Misc_biological	Unknown	No	Yes	No	Post	0.48	1	30.715275	-93.071312	High water may cover tree debris in 2023
D164	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.714899	-93.071297	High water may cover tree debris in 2023
D165	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.714561	-93.071114	High water may cover tree debris in 2023
D166	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.714718	-93.071068	High water may cover tree debris in 2023
D167	BundickCreek_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.882551	-93.235565	Shadows and overstory veg affect visibility in 2020
D168	BundickCreek_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.882545	-93.235634	Shadows and overstory veg affect visibility in 2020
D169	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.882624	-93.235756	Shadows and overstory veg affect visibility in 2020
D170	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Partial	No	Post		3	30.882759	-93.235832	Shadows and overstory veg affect visibility in 2020
D171	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.882792	-93.235863	Shadows and overstory veg affect visibility in 2020

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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
D172	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.882349	-93.236076	
D173	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.882355	-93.236061	
D174	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.881628	-93.236015	
D175	BundickCreek_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.881605	-93.236115	Shadows and overstory veg affect visibility in 2020
D176	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.881611	-93.236206	Shadows and overstory veg affect visibility in 2020
D177	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.881266	-93.236488	Shadows and overstory veg affect visibility in 2020
D178	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.881014	-93.235825	
D179	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.880981	-93.235764	
D180	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.880978	-93.235832	Large tree, possibly removed in 2023
D181	BundickCreek_Seg2	Misc_biological	Unknown	Yes	Yes	No	Post	0.64	1	30.880802	-93.235710	
D182	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.880713	-93.235931	Large tree, possibly removed in 2023
D183	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.880621	-93.236061	Large tree, possibly removed in 2023
D184	BundickCreek_Seg2	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.880390	-93.236084	High water may cover tree debris in 2023
D185	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.880432	-93.236198	High water may cover tree debris in 2023
D186	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.880239	-93.236000	Shadows and overstory veg affect visibility in 2020
D187	BundickCreek_Seg2	Misc_biological	Unknown	Yes	No	No	Post	0.95	1	30.880314	-93.236015	Shadows and overstory veg affect visibility in 2020
D188	BundickCreek_Seg2	Misc_biological	Unknown	Yes	Yes	No	Post	3.37	1	30.879372	-93.236450	
D189	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.879353	-93.236023	
D190	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.879416	-93.235672	
D191	BundickCreek_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.879393	-93.235634	Shadows and overstory veg affect visibility in 2020
D192	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.879059	-93.235413	
D193	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.877584	-93.235130	Shadows and overstory veg affect visibility in 2020
D194	BundickCreek_Seg2	MatureTree_single	Pine	Yes	No	No	Post		3	30.877611	-93.235199	Shadows and overstory veg affect visibility in 2020
D195	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	No	Post		3	30.877581	-93.235176	Shadows and overstory veg affect visibility in 2020
D196	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.877460	-93.235023	
D197	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.877455	-93.234993	
D198	BundickCreek_Seg2	MatureTree_multiple	Unknown	Partial	Yes	No	Post		5	30.876904	-93.234306	Branches are partially visible, high water in 2023
D199	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.876396	-93.233887	
D200	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.876076	-93.233315	
D201	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.875862	-93.233322	
D202	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	1.33	1	30.875750	-93.233528	
D203	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.875587	-93.232994	
D204	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.875332	-93.232971	
D205	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.875353	-93.232605	
D206	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.874519	-93.230667	
D207	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.873831	-93.230492	
D208	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.872923	-93.229279	
D209	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.872419	-93.228455	
D210	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.872236	-93.228302	
D211	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.872299	-93.228241	
D212	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.872168	-93.227921	
D213	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre	0.84	1	30.872009	-93.227936	
D214	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.53	1	30.871876	-93.227455	
D215	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.39	1	30.871962	-93.227242	
D216	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.871859	-93.227142	
D217	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	2.75	1	30.869932	-93.226616	
D218	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.38	1	30.869869	-93.226532	
D219	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.869762	-93.226288	
D220	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.20	1	30.869707	-93.225052	
D221	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.869196	-93.224518	
D222	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.869110	-93.224487	
D223	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.869081	-93.224449	
D224	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.868879	-93.224312	
D225	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.868870	-93.223747	
D226	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.868828	-93.223640	
D227	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.868662	-93.223701	
D228	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.868538	-93.223328	

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D229	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.868370	-93.223022	
D230	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.868307	-93.223007	
D231	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.865232	-93.220497	
D232	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.865223	-93.220467	
D233	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.864807	-93.220085	
D234	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.27	1	30.864643	-93.219772	
D235	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.864679	-93.219719	
D236	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.864920	-93.219223	
D237	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.864840	-93.219147	
D238	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.864790	-93.219147	
D239	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.864689	-93.219109	
D240	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.864645	-93.219101	
D241	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.864162	-93.219719	
D242	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.862848	-93.219803	
D243	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.862255	-93.219177	
D244	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.861881	-93.219231	
D245	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.860176	-93.217819	
D246	BundickCreek_Seg2	MatureTree_multiple	Hardwoods_Misc	Yes	NA	No	Post		5	30.860052	-93.217857	
D247	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.30	1	30.859941	-93.217941	
D248	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.859659	-93.217979	
D249	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.859579	-93.218040	
D250	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.859440	-93.217758	
D251	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.859093	-93.217018	
D252	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.858948	-93.217186	
D253	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.858912	-93.217293	
D254	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre	0.22	1	30.858803	-93.217522	
D255	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.858423	-93.218826	
D256	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.858379	-93.219101	
D257	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.857977	-93.218552	
D258	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.857723	-93.218605	Single tree visible in 2018, additional tree debris caught in original obstruction
D259	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.857288	-93.218361	
D260	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre	0.40	1	30.856894	-93.218193	
D261	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.856722	-93.218193	
D262	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.856632	-93.218262	
D263	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.856949	-93.218880	
D264	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre	0.67	1	30.857210	-93.218956	
D265	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.857109	-93.219421	
D266	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.857029	-93.219444	
D267	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.856966	-93.219467	
D268	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.856840	-93.219482	
D269	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.856495	-93.219360	
D270	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.856199	-93.219193	
D271	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.856188	-93.219154	
D272	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.856131	-93.219070	
D273	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.855762	-93.218987	
D274	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.855719	-93.218872	
D275	BundickCreek_Seg2	MatureTree_single	Bald_Cypress	Yes	NA	No	Post		3	30.855711	-93.218781	
D276	BundickCreek_Seg2	MatureTree_single	Bald_Cypress	Yes	NA	No	Post		3	30.855688	-93.218826	
D277	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.854980	-93.218437	
D278	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.853954	-93.218147	
D279	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.853937	-93.218040	
D280	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.853546	-93.218170	
D281	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.853424	-93.218178	
D282	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.853395	-93.218132	
D283	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.853334	-93.219131	
D284	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.853075	-93.219299	

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D285	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.853136	-93.219414	
D286	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.852999	-93.219528	
D287	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.852932	-93.219482	
D288	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.852627	-93.220078	
D289	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	1.40	1	30.852575	-93.220032	
D290	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.852556	-93.220154	
D291	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.852488	-93.220009	
D292	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.852179	-93.219803	
D293	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.852186	-93.219688	
D294	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.852072	-93.219521	
D295	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.851089	-93.220734	
D296	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.850643	-93.221191	
D297	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	1.34	1	30.850321	-93.220970	
D298	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post	0.24	1	30.849571	-93.220795	
D299	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.849089	-93.220917	
D300	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.848532	-93.222710	
D301	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.846592	-93.224098	
D302	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.846422	-93.223763	
D303	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.846371	-93.223625	
D304	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.846289	-93.223602	
D305	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.846291	-93.223785	
D306	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.845484	-93.223541	
D307	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.845287	-93.223282	
D308	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.843874	-93.224701	
D309	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.843994	-93.224823	
D310	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.843895	-93.224655	
D311	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.844015	-93.225105	
D312	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.843649	-93.225609	
D313	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.843496	-93.225456	
D314	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.843231	-93.225433	
D315	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.843189	-93.225510	
D316	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.843096	-93.225731	
D317	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.842171	-93.226395	
D318	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.842001	-93.226387	
D319	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.841833	-93.226425	
D320	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.841822	-93.226402	
D321	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.841646	-93.226265	
D322	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.841446	-93.226768	
D323	BundickCreek_Seg2	MatureTree_multiple	Hardwoods_Misc	Yes	NA	No	Post		5	30.841413	-93.227058	
D324	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.841352	-93.227058	
D325	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.841017	-93.227058	
D326	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.839323	-93.226387	
D327	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.839199	-93.226311	
D328	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.839340	-93.226265	
D329	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.838474	-93.226036	
D330	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	Yes	Pre		5	30.838285	-93.226028	
D331	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	No	Yes	Pre		3	30.838068	-93.225838	
D332	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.837677	-93.226227	
D333	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.837709	-93.226540	
D334	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.837694	-93.226761	
D335	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.837629	-93.226860	
D336	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.835600	-93.227051	
D337	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.835550	-93.227043	
D338	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.835056	-93.226753	
D339	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.834370	-93.226425	
D340	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.834246	-93.226334	
D341	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.833952	-93.226006	

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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
D342	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.833908	-93.225182	
D343	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.833965	-93.224670	
D344	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.834005	-93.224655	
D346	BundickCreek_Seg2	MatureTree_multiple	Hardwoods_Misc	Yes	NA	Yes	Pre		5	30.833120	-93.223976	
D347	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832951	-93.223869	
D348	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.832840	-93.223915	
D349	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.832659	-93.223885	
D350	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.832579	-93.223854	
D351	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832357	-93.223648	
D352	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832323	-93.223679	
D353	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.832319	-93.223877	
D354	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.832302	-93.223930	
D355	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.832365	-93.223930	
D356	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.832523	-93.224174	
D357	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.832722	-93.224434	
D358	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832748	-93.224449	
D359	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.832600	-93.224617	
D360	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832586	-93.224602	
D361	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.832275	-93.224602	
D362	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832205	-93.224495	
D363	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.832180	-93.224495	
D364	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.832090	-93.224579	
D365	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.831602	-93.225441	
D366	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.831541	-93.225487	
D367	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.831448	-93.225578	
D368	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.831003	-93.224312	
D369	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.831177	-93.223915	
D370	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.831165	-93.223900	
D371	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.830986	-93.224030	
D372	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.830969	-93.224014	
D373	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.830917	-93.223946	
D374	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	Yes	Pre		5	30.830839	-93.223839	
D375	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	No	No	Post		3	30.830418	-93.223511	
D376	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.830149	-93.223961	
D377	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.829689	-93.223885	
D378	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.829721	-93.223717	
D379	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.829496	-93.223518	
D380	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.829447	-93.223495	
D381	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.829002	-93.223770	
D382	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.828777	-93.224113	
D383	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.828838	-93.224297	
D384	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.829029	-93.224724	
D385	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.829052	-93.224785	
D386	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.829084	-93.224960	
D387	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.828449	-93.226028	
D388	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.828577	-93.226135	
D389	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.828716	-93.226143	
D390	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.828760	-93.226181	
D391	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.828249	-93.226318	
D392	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.828035	-93.226273	
D393	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.828625	-93.227058	
D394	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.828154	-93.227722	
D395	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.828054	-93.227798	
D396	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.827528	-93.227730	
D397	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.827459	-93.227478	
D398	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.827496	-93.227417	
D399	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.827530	-93.227203	

Beauregard Parish Waterway Debris Assessment

Bundick Creek Data

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D400	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.827511	-93.226631	
D401	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.827263	-93.226669	
D402	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	NA	Pre		3	30.827045	-93.226883	
D403	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.827049	-93.226852	
D404	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.826860	-93.226730	
D405	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.826586	-93.226784	
D406	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.826273	-93.226837	
D407	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.825924	-93.226837	
D408	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.826296	-93.227852	
D409	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.826328	-93.227905	
D410	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.826426	-93.228081	
D411	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.825554	-93.228348	
D412	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.825512	-93.228333	
D413	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.825356	-93.227982	
D414	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.825346	-93.227867	
D415	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.825041	-93.228516	
D416	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.825005	-93.229042	
D417	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.825064	-93.229073	
D418	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.825089	-93.229240	
D419	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.824919	-93.229324	
D420	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.824863	-93.229256	
D421	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.824675	-93.229095	
D422	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.824512	-93.229424	
D423	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.824167	-93.230042	
D424	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.823946	-93.230370	
D425	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.823832	-93.230247	
D426	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.823624	-93.230110	
D427	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.823406	-93.229774	
D428	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.823235	-93.229118	
D429	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.823065	-93.229332	
D430	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.822130	-93.230240	
D431	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.820583	-93.230553	
D432	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.820181	-93.229980	
D433	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.820177	-93.229912	
D434	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.820126	-93.229874	
D435	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.819761	-93.229897	
D436	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.819666	-93.229897	
D437	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.818216	-93.229713	
D438	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.817825	-93.229706	
D439	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.817699	-93.229660	
D440	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.817127	-93.230034	
D441	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.812782	-93.228050	
D442	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.810417	-93.227768	
D443	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.809475	-93.227875	
D444	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.809147	-93.227638	
D445	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.808189	-93.230553	
D446	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.806623	-93.231491	
D447	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.806494	-93.232513	
D448	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.805880	-93.232224	
D449	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Yes	Yes	Pre		3	30.804976	-93.234032	
D450	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Yes	Yes	Pre		3	30.804052	-93.234123	
D451	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.801365	-93.230659	
D452	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.800287	-93.230270	
D453	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.798397	-93.227852	
D454	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.797972	-93.227966	
D455	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.794895	-93.224136	
D456	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.792162	-93.225006	

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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
D457	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.794174	-93.221680	
D458	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.791773	-93.220848	
D459	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.791779	-93.220581	
D460	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.792030	-93.219765	
D461	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.784626	-93.208405	
D462	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.805567	-93.232849	High water may cover tree debris in 2023
D463	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.804834	-93.233932	High water may cover tree debris in 2023
D464	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.804684	-93.233871	High water may cover tree debris in 2023
D465	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.804520	-93.233932	High water may cover tree debris in 2023
D466	BundickCreek_Seg2	MatureTree_multiple	Unknown	No	Yes	Yes	Pre		5	30.804205	-93.234055	High water may cover tree debris in 2023
D467	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.803791	-93.234001	High water may cover tree debris in 2023
D468	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.802914	-93.232773	High water may cover tree debris in 2023
D469	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.802874	-93.232956	High water may cover tree debris in 2023
D470	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.802219	-93.232994	High water may cover tree debris in 2023
D471	BundickCreek_Seg2	MatureTree_multiple	Unknown	Partial	Yes	No	Post		5	30.801987	-93.232979	Branches are partially visible, high water in 2023
D472	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.801546	-93.232368	High water may cover tree debris in 2023
D473	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.783827	-93.207611	
D474	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.783381	-93.207626	
D475	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.782536	-93.206779	
D476	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.779182	-93.199028	
D477	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.780231	-93.197922	
D478	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.780590	-93.193932	
D479	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.781116	-93.193565	
D480	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.781540	-93.193611	
D481	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.777521	-93.185806	
D482	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.774721	-93.179695	
D483	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.774649	-93.178543	
D484	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.775238	-93.177361	
D485	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.774811	-93.177185	
D486	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.773857	-93.176880	
D487	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.773743	-93.176239	
D488	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.772305	-93.173706	
D489	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.773602	-93.171814	
D490	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.773584	-93.171814	
D491	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.774101	-93.170303	
D492	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.773901	-93.168976	
D493	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.774517	-93.167175	
D494	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.775517	-93.164024	
D495	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.775572	-93.163979	
D496	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.775484	-93.163834	
D497	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.774967	-93.161995	
D498	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.774864	-93.161911	
D499	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.775007	-93.162018	
D500	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.773966	-93.161530	
D501	BundickCreek_Seg2	Misc_other	Hardwoods_Misc	Yes	NA	No	Post	0.53	1	30.774063	-93.161110	Boat caught in trees in 2023
D502	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.776890	-93.155815	
D503	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.778135	-93.154938	
D504	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.778419	-93.154900	
D505	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.778431	-93.154701	
D506	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.779739	-93.154976	
D507	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.779997	-93.154327	
D508	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.779999	-93.154579	
D509	BundickCreek_Seg2	Misc_other	#N/A	Yes	NA	No	Post	0.53	1	30.780018	-93.154633	Boat caught in trees in 2023
D510	BundickCreek_Seg2	Misc_biological	Unknown	Yes	NA	No	Post		1	30.780607	-93.152565	Debris may be caught on downed tree under water in 2023
D511	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.781233	-93.152702	
D512	BundickCreek_Seg2	Misc_other	#N/A	Yes	NA	No	Post	0.53	1	30.782221	-93.151436	Boat caught in trees in 2023

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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
D513	BundickCreek_Seg2	Misc_other	#N/A	Yes	NA	No	Post	0.53	1	30.782206	-93.151375	Boat caught in trees in 2023
D514	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.782419	-93.148186	
D515	BundickCreek_Seg2	MatureTree_single	Pine	Yes	NA	No	Post		3	30.782394	-93.148125	
D516	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	NA	Yes	Pre		5	30.781672	-93.148033	
D517	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.780973	-93.147659	High water may cover tree debris in 2023
D518	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.781027	-93.147491	High water may cover tree debris in 2023
D519	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	Yes	Pre		3	30.781054	-93.147392	Branches are partially visible, high water in 2023
D520	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.781082	-93.147362	High water may cover tree debris in 2023
D521	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.781084	-93.147339	High water may cover tree debris in 2023
D522	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.780949	-93.146660	High water may cover tree debris in 2023
D523	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.780527	-93.146400	High water may cover tree debris in 2023
D524	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.780754	-93.145798	High water may cover tree debris in 2023
D525	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781042	-93.145355	High water may cover tree debris in 2023
D526	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.781342	-93.145096	High water may cover tree debris in 2023
D527	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.782034	-93.144547	High water may cover tree debris in 2023
D528	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.782021	-93.144508	High water may cover tree debris in 2023
D529	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.782612	-93.143311	High water may cover tree debris in 2023
D530	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.782570	-93.142792	High water may cover tree debris in 2023
D531	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.781796	-93.143188	High water may cover tree debris in 2023
D532	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781702	-93.142715	High water may cover tree debris in 2023
D533	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.781860	-93.142693	High water may cover tree debris in 2023
D534	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.782089	-93.141968	
D535	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781769	-93.141800	High water may cover tree debris in 2023
D536	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781757	-93.141846	High water may cover tree debris in 2023
D537	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.781576	-93.141327	
D538	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781624	-93.141289	High water may cover tree debris in 2023
D539	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781666	-93.141289	High water may cover tree debris in 2023
D540	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.781693	-93.141258	
D541	BundickCreek_Seg2	MatureTree_multiple	Unknown	No	Yes	No	Post		5	30.782059	-93.141159	High water may cover tree debris in 2023
D542	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.782784	-93.140663	
D543	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.782839	-93.140633	High water may cover tree debris in 2023
D544	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.782860	-93.140594	High water may cover tree debris in 2023
D545	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.782932	-93.139420	
D546	BundickCreek_Seg2	MatureTree_multiple	Unknown	Yes	Yes	No	Post		5	30.782637	-93.139450	
D547	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.781944	-93.139709	
D548	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.781693	-93.139709	High water may cover tree debris in 2023
D549	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.781301	-93.139061	High water may cover tree debris in 2023
D550	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.781370	-93.138771	High water may cover tree debris in 2023
D551	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.781740	-93.138489	High water may cover tree debris in 2023
D552	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.781837	-93.138229	High water may cover tree debris in 2023
D553	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781906	-93.138084	High water may cover tree debris in 2023
D554	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781990	-93.137993	High water may cover tree debris in 2023
D555	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.782330	-93.136536	High water may cover tree debris in 2023
D556	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.782236	-93.136452	
D557	BundickCreek_Seg2	MatureTree_single	Unknown	Partial	Yes	No	Post		3	30.782051	-93.136345	
D558	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.781897	-93.136330	High water may cover tree debris in 2023
D559	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.781775	-93.136192	High water may cover tree debris in 2023
D560	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.781723	-93.136078	
D561	BundickCreek_Seg2	MatureTree_multiple	Unknown	Partial	Yes	No	Post		5	30.781645	-93.135956	
D562	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.781450	-93.135948	High water may cover tree debris in 2023
D563	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.781044	-93.135612	High water may cover tree debris in 2023
D564	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.780891	-93.135452	High water may cover tree debris in 2023
D565	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.779945	-93.135353	High water may cover tree debris in 2023
D566	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.779995	-93.135818	High water may cover tree debris in 2023
D567	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.779892	-93.136024	
D568	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.778639	-93.135429	
D569	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.778805	-93.135284	High water may cover tree debris in 2023

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D570	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.779352	-93.135017	
D571	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.779039	-93.134506	
D572	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	Yes	Pre		3	30.778986	-93.134262	High water may cover tree debris in 2023
D573	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.778915	-93.134186	High water may cover tree debris in 2023
D574	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.778969	-93.134201	High water may cover tree debris in 2023
D575	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.778725	-93.134171	High water may cover tree debris in 2023
D576	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.778576	-93.134270	High water may cover tree debris in 2023
D577	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.778542	-93.134262	High water may cover tree debris in 2023
D578	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.778912	-93.133286	
D579	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.779005	-93.133392	
D580	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.779064	-93.133430	
D581	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.779243	-93.133545	
D582	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.779383	-93.133308	
D583	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.779179	-93.133110	High water may cover tree debris in 2023
D584	BundickCreek_Seg2	MatureTree_single	Hardwoods_Misc	Partial	Yes	No	Post		3	30.779270	-93.133179	
D585	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.779043	-93.132942	High water may cover tree debris in 2023
D586	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.778862	-93.131607	
D587	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.778765	-93.131569	
D588	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.778940	-93.131699	High water may cover tree debris in 2023
D589	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.778566	-93.131615	
D590	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.778475	-93.131638	
D591	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.778690	-93.131569	High water may cover tree debris in 2023
D592	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.778023	-93.132141	High water may cover tree debris in 2023
D593	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.777809	-93.132187	
D594	BundickCreek_Seg2	MatureTree_multiple	Pine	Yes	Yes	No	Post		5	30.777475	-93.132294	
D595	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.777325	-93.132317	High water may cover tree debris in 2023
D596	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.777092	-93.132347	
D597	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.776762	-93.131966	
D598	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.776766	-93.131927	High water may cover tree debris in 2023
D599	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.776850	-93.131866	High water may cover tree debris in 2023
D600	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.777153	-93.131454	High water may cover tree debris in 2023
D601	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.777203	-93.131439	High water may cover tree debris in 2023
D602	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.777008	-93.131241	
D603	BundickCreek_Seg2	MatureTree_single	Unknown	Partial	Yes	No	Post		3	30.777054	-93.131355	
D604	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.776680	-93.131371	
D605	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.776754	-93.131332	
D606	BundickCreek_Seg2	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.776638	-93.131363	High water may cover tree debris in 2023
D607	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.776669	-93.131439	
D608	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.776642	-93.131477	High water may cover tree debris in 2023
D609	BundickCreek_Seg2	MatureTree_single	Unknown	No	Yes	No	Post		3	30.775949	-93.129585	High water may cover tree debris in 2023
D610	BundickCreek_Seg2	MatureTree_single	Unknown	Yes	Yes	No	Post		3	30.775534	-93.129608	
D611	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	Yes	Pre		3	30.775381	-93.129669	
D612	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.775055	-93.128700	High water may cover tree debris in 2023
D613	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.774841	-93.128258	
D614	BundickCreek_Seg2	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.774616	-93.128365	
D615	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774529	-93.128426	High water may cover tree debris in 2023
D616	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774509	-93.128433	High water may cover tree debris in 2023
D617	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774494	-93.128448	High water may cover tree debris in 2023
D618	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774382	-93.128708	High water may cover tree debris in 2023
D619	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774029	-93.127907	High water may cover tree debris in 2023
D620	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.774059	-93.127907	High water may cover tree debris in 2023
D621	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	No	Post		3	30.773674	-93.127068	High water may cover tree debris in 2023
D622	BundickCreek_Seg2	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.773607	-93.127068	High water may cover tree debris in 2023
D623	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.773348	-93.126923	
D624	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.770882	-93.127037	
D625	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.770859	-93.127068	
D626	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.770771	-93.127296	

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D627	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.768667	-93.127625	
D628	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.768641	-93.127625	
D629	BundickCreek_Seg2	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.768492	-93.127609	
D630	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.714100	-93.070274	
D631	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.713947	-93.070068	High water may cover tree debris in 2023
D632	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.713242	-93.069946	High water may cover tree debris in 2023
D633	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.713192	-93.069962	High water may cover tree debris in 2023
D634	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.712761	-93.069901	High water may cover tree debris in 2023
D635	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	No	Post		5	30.712580	-93.069664	High water may cover tree debris in 2023
D636	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.712482	-93.069496	High water may cover tree debris in 2023
D637	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.712524	-93.069359	High water may cover tree debris in 2023
D638	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.712139	-93.068336	High water may cover tree debris in 2023
D639	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.711746	-93.066971	High water may cover tree debris in 2023
D640	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	Partial	Yes	No	Post		5	30.712727	-93.065514	
D641	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.712772	-93.064972	High water may cover tree debris in 2023
D642	BundickCreek_Seg1	MatureTree_multiple	Pine	Partial	Yes	No	Post		5	30.712805	-93.064796	
D643	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	No	Yes	No	Post		3	30.712687	-93.064377	High water may cover tree debris in 2023
D644	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.712229	-93.063835	High water may cover tree debris in 2023
D645	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.711985	-93.063232	
D646	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	Yes	Yes	Pre		3	30.711969	-93.063141	
D647	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.711931	-93.063057	High water may cover tree debris in 2023
D648	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.712536	-93.061996	
D649	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	Yes	Pre		3	30.712875	-93.061073	
D650	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.712891	-93.060982	High water may cover tree debris in 2023
D651	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.713047	-93.060585	High water may cover tree debris in 2023
D652	BundickCreek_Seg1	MatureTree_multiple	Hardwoods_Misc	No	Yes	Yes	Pre		5	30.712759	-93.059937	High water may cover tree debris in 2023
D653	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.712206	-93.059792	High water may cover tree debris in 2023
D654	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.711596	-93.059959	High water may cover tree debris in 2023
D655	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.710398	-93.060173	High water may cover tree debris in 2023
D656	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.709925	-93.059151	High water may cover tree debris in 2023
D657	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	Yes	Yes	Pre		3	30.709898	-93.059196	
D658	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.709990	-93.059105	
D659	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.710072	-93.059044	
D660	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.710100	-93.059364	High water may cover tree debris in 2023
D661	BundickCreek_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.709770	-93.059105	
D662	BundickCreek_Seg1	MatureTree_single	Pine	Yes	Yes	No	Post		3	30.709806	-93.059059	
D663	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	Yes	Pre		3	30.708973	-93.060051	
D664	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.708752	-93.060005	High water may cover tree debris in 2023
D665	BundickCreek_Seg1	MatureTree_single	Unknown	No	Yes	No	Post		3	30.708319	-93.059319	High water may cover tree debris in 2023
D666	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.708202	-93.058495	High water may cover tree debris in 2023
D667	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.708006	-93.058372	High water may cover tree debris in 2023
D668	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.708004	-93.057358	High water may cover tree debris in 2023
D669	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.708418	-93.056770	High water may cover tree debris in 2023
D670	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	Yes	Pre		3	30.708445	-93.056557	High water may cover tree debris in 2023
D671	BundickCreek_Seg1	MatureTree_multiple	Pine	No	Yes	Yes	Pre		5	30.708332	-93.056351	High water may cover tree debris in 2023
D672	BundickCreek_Seg1	MatureTree_single	Pine	Partial	Yes	No	Post		3	30.708431	-93.056305	
D673	BundickCreek_Seg1	MatureTree_single	Pine	No	Yes	No	Post		3	30.707254	-93.055885	High water may cover tree debris in 2023
D674	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.703346	-93.052429	
D675	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Partial	NA	Yes	Pre		3	30.698515	-93.048134	
D676	BundickCreek_Seg1	Misc_biological	Unknown	Partial	NA	No	Post		1	30.693504	-93.046829	
D677	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.692064	-93.046303	
D678	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.691977	-93.047073	
D679	BundickCreek_Seg1	Misc_biological	Unknown	Partial	NA	No	Post		1	30.688480	-93.046074	
D680	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	No	Post		1	30.688150	-93.045967	
D681	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.688868	-93.044083	
D682	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.688395	-93.044106	
D683	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.685221	-93.045074	

Beauregard Parish Waterway Debris Assessment

Bundick Creek 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
D684	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	No	Post		1	30.685059	-93.044510	
D685	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	NA	No	Post		3	30.684971	-93.044098	
D686	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.684629	-93.042763	
D687	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.683172	-93.038712	
D688	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.680454	-93.036476	
D689	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.678154	-93.033669	
D690	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.676035	-93.032845	
D691	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.674864	-93.031738	
D692	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.675291	-93.027412	
D693	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.671993	-93.025368	
D694	BundickCreek_Seg1	MatureTree_multiple	Pine	Yes	NA	No	Post		5	30.671694	-93.025032	
D695	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.670956	-93.023598	
D696	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.670301	-93.022049	
D697	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.670061	-93.021080	
D698	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.666626	-93.021255	
D699	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	No	Post		1	30.665098	-93.020775	
D700	BundickCreek_Seg1	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.658216	-93.019463	
D701	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.656868	-93.017479	
D702	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.656502	-93.017105	
D703	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.656126	-93.017921	
D704	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	No	Post		1	30.656061	-93.018669	
D705	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.655460	-93.018333	
D706	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.655552	-93.016823	
D707	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.653772	-93.014221	
D708	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.653751	-93.014191	
D709	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.653433	-93.013809	
D710	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.648289	-93.009071	
D711	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.648323	-93.009026	
D712	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.648424	-93.009018	
D713	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	Yes	Pre		1	30.647753	-93.009308	
D714	BundickCreek_Seg1	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.647667	-93.009628	
D715	BundickCreek_Seg1	MatureTree_single	Hardwoods_Misc	Yes	NA	Yes	Pre		3	30.647472	-93.009575	
D716	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.647377	-93.009422	
D717	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.646883	-93.009575	
D718	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.645468	-93.004326	
D719	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.644283	-93.003387	
D720	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.644257	-93.003433	
D721	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.642462	-93.003059	
D722	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.642456	-93.003029	
D723	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.641407	-92.999847	
D724	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	No	Post		3	30.641689	-92.993294	
D725	BundickCreek_Seg1	MatureTree_single	Unknown	Yes	NA	Yes	Pre		3	30.636248	-92.989510	
D726	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	Yes	Pre		3	30.634085	-92.984062	
D727	BundickCreek_Seg1	MatureTree_multiple	Unknown	Yes	NA	No	Post		5	30.633924	-92.984047	
D728	BundickCreek_Seg1	MatureTree_single	Pine	Yes	NA	No	Post		3	30.631683	-92.982956	
D729	BundickCreek_Seg1	Misc_biological	Unknown	Yes	NA	No	Post		1	30.629496	-92.981308	

Appendix A.2

Beauregard Parish Waterway

Debris Assessment

Bundick Creek Access Site Data

Notes	StreamSegment	StreamSegment	Latitude	Longitude
Spillway Road	BC1	BundickCreek_Seg1	30.727379	-93.090492
Spillway Road	BC1	BundickCreek_Seg1	30.728014	-93.090187
Spillway Road	BC1	BundickCreek_Seg1	30.726830	-93.090698
Spillway Road	BC1	BundickCreek_Seg1	30.726162	-93.091370
Spillway Road	BC1	BundickCreek_Seg1	30.726538	-93.094704
Spillway Road	BC1	BundickCreek_Seg1	30.725811	-93.093193
Spillway Road	BC1	BundickCreek_Seg1	30.725716	-93.092072
Spillway Road	BC1	BundickCreek_Seg1	30.725637	-93.092491
ROW	BC1	BundickCreek_Seg1	30.731594	-93.087059
Private property	BC1	BundickCreek_Seg1	30.712061	-93.069763
Private access road	BC1	BundickCreek_Seg1	30.708370	-93.059845
Private property	BC1	BundickCreek_Seg1	30.695650	-93.048569
Hwy 1146	BC2	BundickCreek_Seg2	30.867847	-93.222702
Hwy 112	BC2	BundickCreek_Seg2	30.860760	-93.218285
ROW	BC2	BundickCreek_Seg2	30.859709	-93.217789
ROW	BC2	BundickCreek_Seg2	30.839937	-93.226898
Hwy 26	BC2	BundickCreek_Seg2	30.819122	-93.230133
Private Access Road	BC2	BundickCreek_Seg2	30.794270	-93.223740
Hwy 113	BC1	BundickCreek_Seg1	30.684671	-93.043976
Private Property	BC1	BundickCreek_Seg1	30.679216	-93.037727
Morrow Bridge Road	BC1	BundickCreek_Seg1	30.664915	-93.021400
Private Property	BC1	BundickCreek_Seg1	30.653143	-93.013069
Private Property	BC2	BundickCreek_Seg2	30.779621	-93.197304

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
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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
