STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL DIVISION
ENVIRONMENTAL TECHNICAL STUDIES OFFICE
SUITE 900, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-3655

WILL REID
COMMISSIONER

BILL LEE
GOVERNOR

MEMORANDUM

To: Steve Sellers, Manager
Region 4 Alternative Delivery

From: Rita Thompson
Tech Studies Office, Ecology Unit *Rita M. Thompson*

Date: 08/14/2025

Subject: Environmental Boundaries Report for:
PIN 136185.12 (Old PIN 134860.00): SR-87 Bridge Replacement at LM 19.11 (Bridge #50)
Lauderdale County, TN

An ecological evaluation of the subject project has ben conducted in response to a request for initial feature identification with the following result:

STREAMS: Two (2) streams streams were noted within the project limits.

WETLANDS: No wetlands were noted within the project limits.

OTHER FEATURES: No other features were noted within the project limits

SPECIES:

- *USFWS*: USFWS coordination was completed on May 21, 2025. USFWS did not have concerns for listed species. TDOT has determined there will be no effect to listed species as a result of the project.

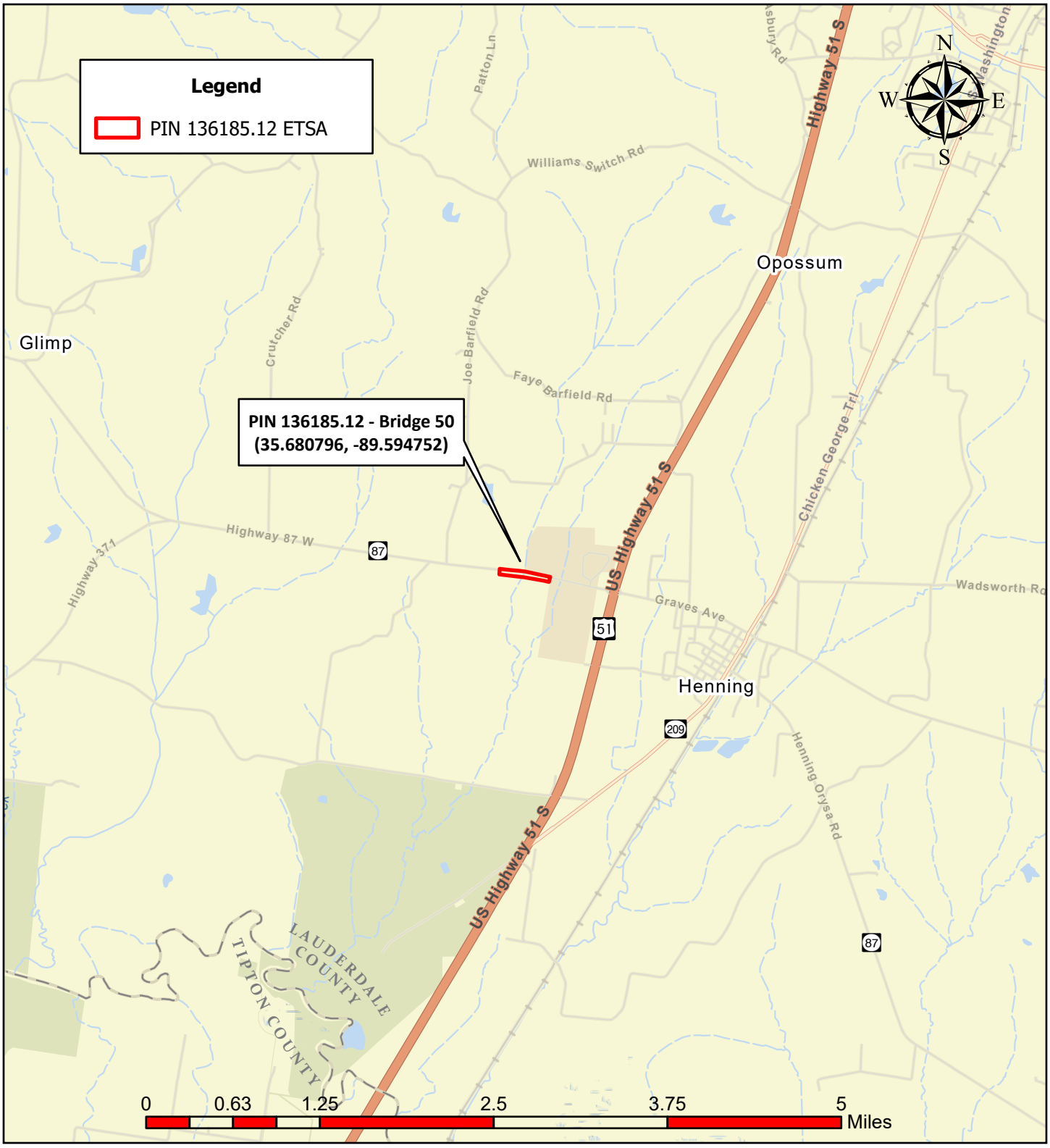
- *TWRA*: TWRA coordination was completed on May 21, 2025. TWRA did not have species concerns

- *TDEC DNA*: This project fits condition #1 of the TDEC DNA MOA

COMMITMENTS: There are no project commitments.

Please note the fieldwork and coordination for the project was completed under the old PIN referenced above. If you have any questions or concerns, please contact me at (615) 253-2459 or *rita.m.thompson@tn.gov*.

xc: *TDOT.Env.Ecology@tn.gov*
TDOT.Env.Permits@tn.gov
TDOT.ENV.Mitigation@tn.gov
TDOT.ENV.NEPA@tn.gov
R4.EnvTechOffice@tn.gov



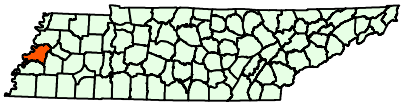


Figure 1: Vicinity Map
Lauderdale County, R4 Timber Bridge Bundle - Bridge 50

ESRI World Street Map Basemap
August 6, 2025

PIN 136185.12

TN TDOT Department of Transportation

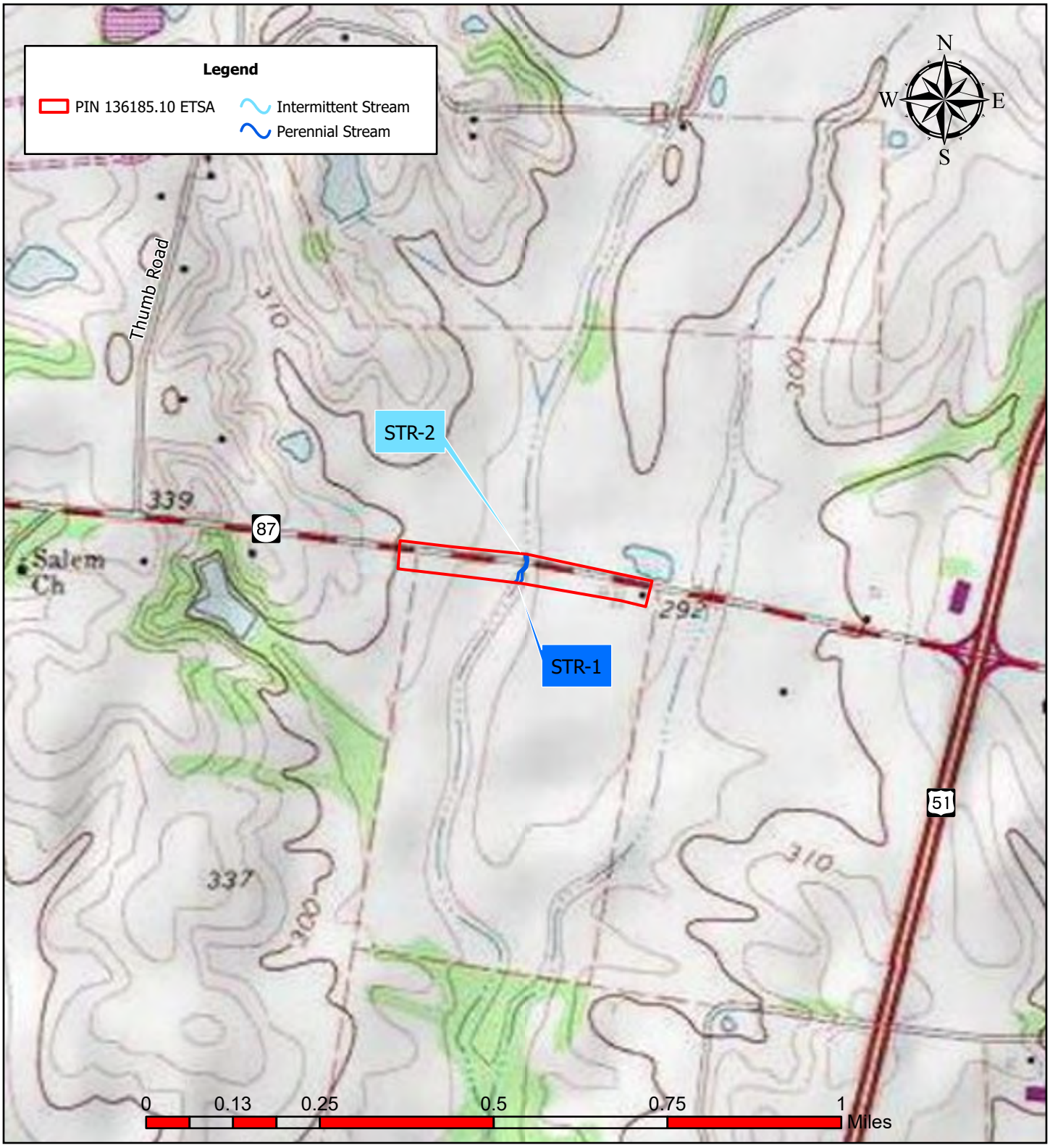


Figure 2: Water Resources Topographic Map
Lauderdale County, R4 Timber Bridge Bundle - Bridge 50

Gates, TN USGS Quadrangle
August 6, 2025

PIN 136185.12

TN TDOT Department of Transportation

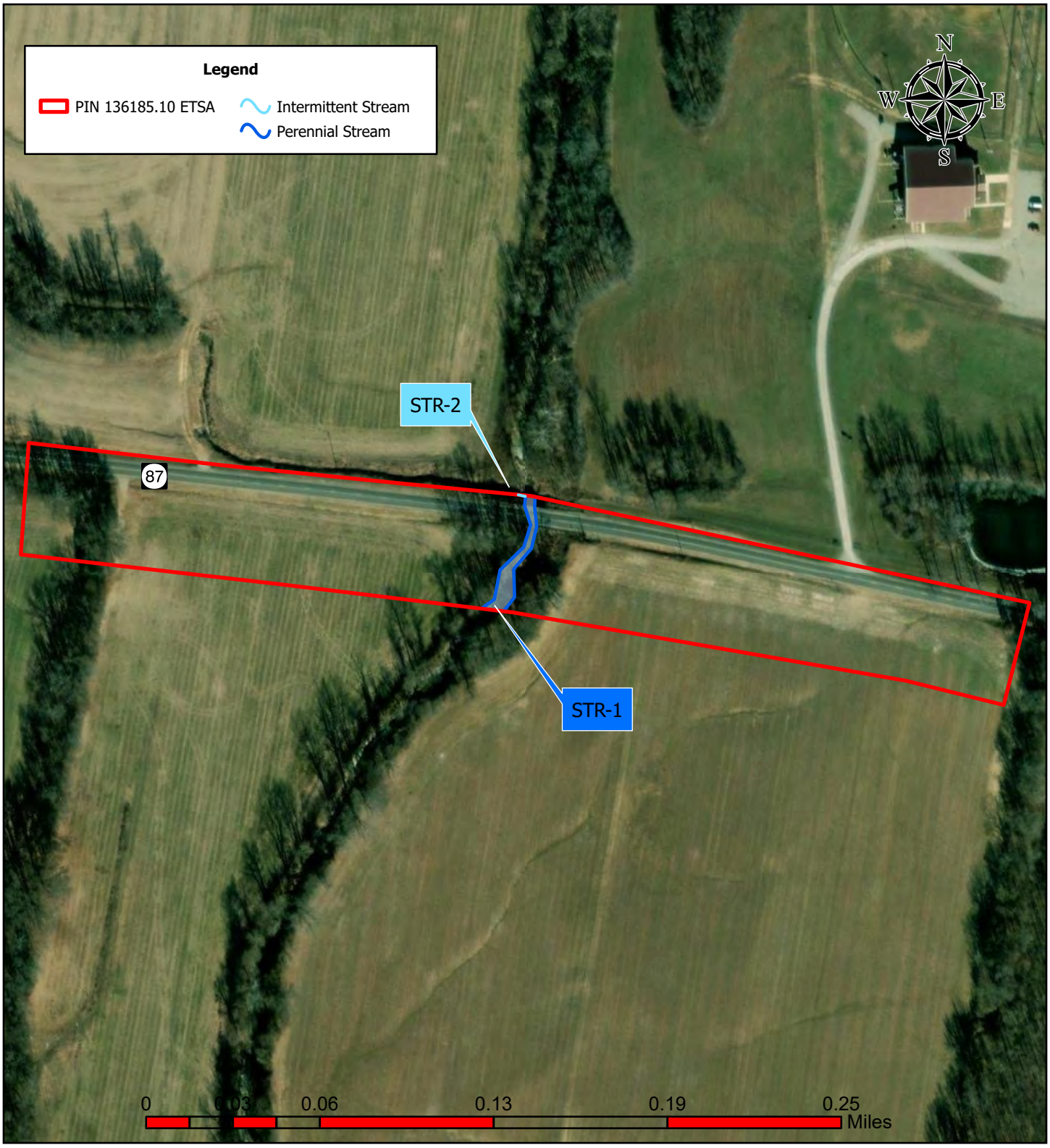


Figure 3: Water Resources Aerial Map
Lauderdale County, R4 Timber Bridge Bundle - Bridge 50

2022 Maxar Vivid Standard Imagery
August 6, 2025

PIN 136185.12

TN TDOT Department of Transportation

Project Name: Lauderdale County SR-87
R4 Timber Bridge Bundle Project

PIN: 136185.12

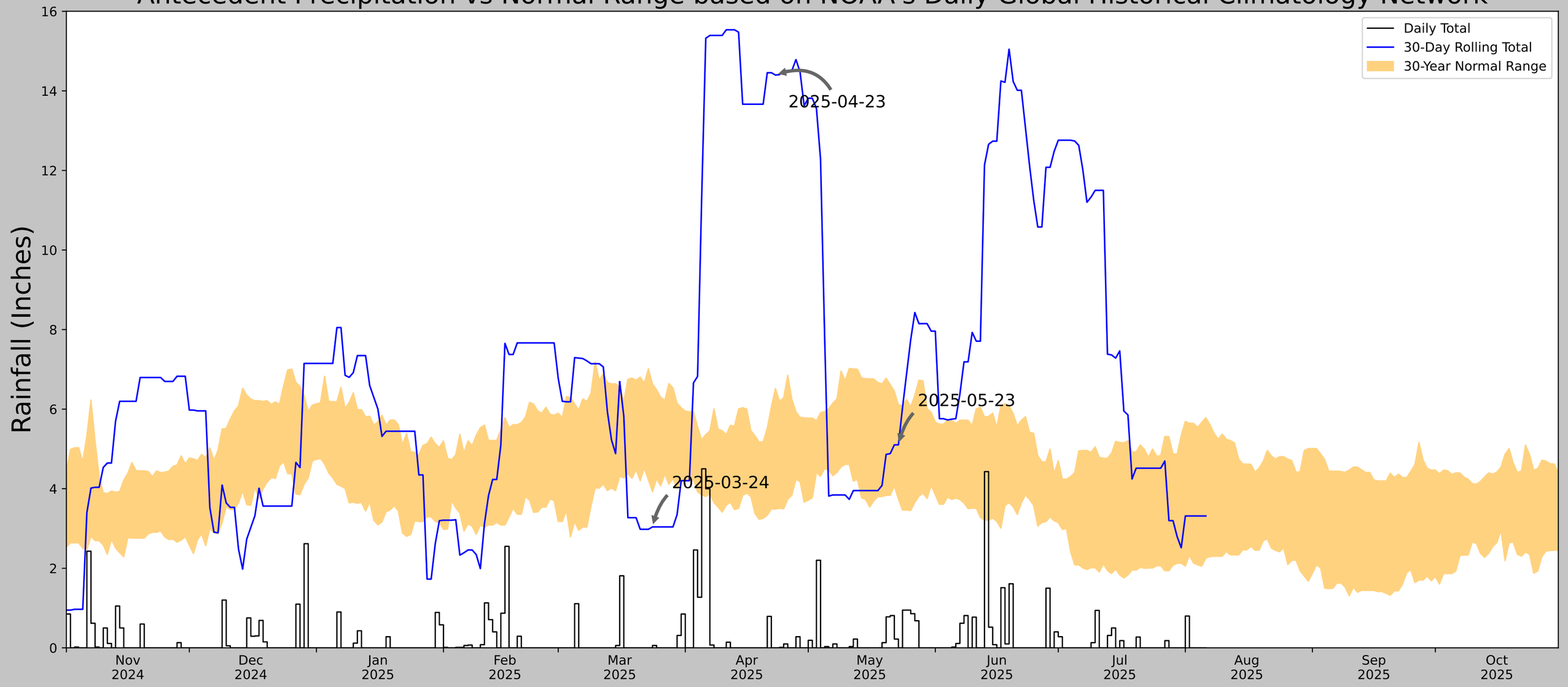
Water Resource Table

Water Resources (Non-Wetland)

Label	Type	Latitude	Longitude	Receiving Waters		USACE Jurisdiction	Quality
STR-1	Perennial Stream	35.680819	-89.594742	Hatchie River		Yes	Unassessed
STR-2	Intermittent Stream	35.681086	-89.594720	Hatchie River		Yes	Unassessed

Note- Features and estimated amounts referenced in this table are based on information available and may change as the project is further refined throughout project development.

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	35.68099, -89.59474
Observation Date	2025-05-23
Elevation (ft)	-1
Drought Index (PDSI)	Moderate wetness
WebWIMP H_2O Balance	Wet Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2025-05-23	3.737795	6.105906	5.102362	Normal	2	3	6
2025-04-23	3.487795	6.52126	14.397638	Wet	3	2	6
2025-03-24	3.92441	6.633465	3.03937	Dry	1	1	1
Result							Normal Conditions - 13

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

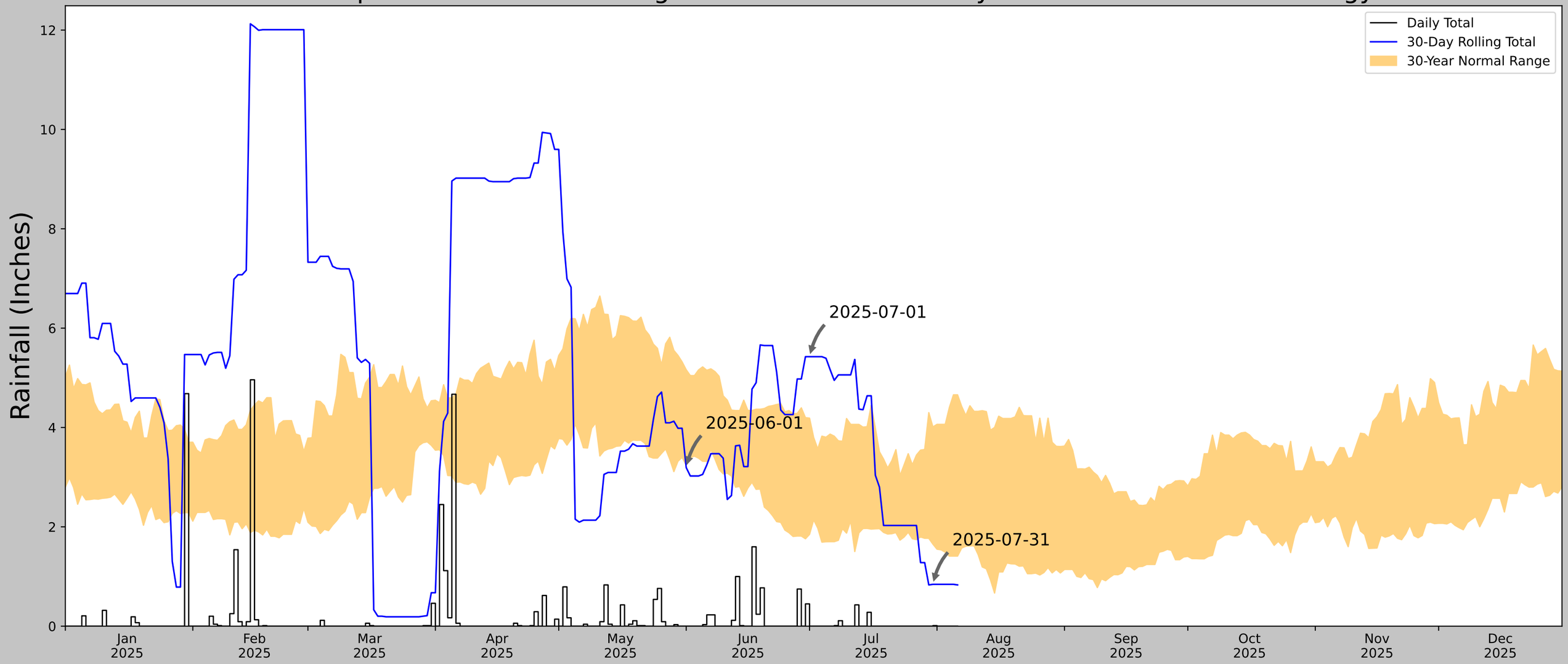
US Army Corps of Engineers.

ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
BROWNSVILLE	35.5908, -89.2597	374.016	19.819	375.016	16.351	11116	82
BROWNSVILLE 1.0 SE	35.5841, -89.2423	348.097	1.082	25.919	0.515	77	8
RIPLEY	35.7178, -89.4986	399.934	16.028	25.918	7.628	157	0
ALAMO 1 N	35.7978, -89.1175	348.097	16.378	25.919	7.795	1	0
SOMERVILLE 10N	35.365, -89.3475	342.848	16.365	31.168	7.874	1	0
COVINGTON 3 SW	35.5497, -89.7	384.843	24.908	10.827	11.478	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	35.68099, -89.59474
Observation Date	2025-07-31
Elevation (ft)	-1
Drought Index (PDSI)	Mild wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2025-07-31	1.652362	4.011024	0.84252	Dry	1	3	3
2025-07-01	1.848425	4.188583	5.425197	Wet	3	2	6
2025-06-01	3.244882	5.162205	3.192913	Dry	1	1	1
Result							Normal Conditions - 10

Figures and tables made by the
Antecedent Precipitation Tool
Version 3.0

US Army Corps of Engineers.
ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and
Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
BLYTHEVILLE MUNI AP	35.9378, -89.8331	254.921	22.209	255.921	15.678	9328	84
BLYTHEVILLE 6.1 E	35.9496, -89.8179	253.937	1.178	0.984	0.531	27	6
BLYTHEVILLE 1.8 E	35.9371, -89.8926	258.858	3.329	3.937	1.511	10	0
BLYTHEVILLE 1.9 ENE	35.9427, -89.8926	258.858	3.346	3.937	1.519	8	0
BLYTHEVILLE	35.9239, -89.9044	251.969	4.103	2.952	1.858	1940	0
BLYTHEVILLE 0.9 NE	35.9421, -89.9128	259.843	4.468	4.922	2.033	14	0
KEISER	35.6744, -90.0842	223.097	23.004	31.824	11.084	24	0
DYERSBURG MUNI AP	36.0003, -89.4094	299.869	24.083	44.948	11.92	1	0
DYERSBURG	35.9986, -89.4089	299.869	24.09	44.948	11.923	1	0

Ecology Field Data Sheet: **Water Resources**

Project: PN136185.12					
Biologist:	I. Maldonado / L. Niven	**Affiliation:**	Athena EE	**Date:**	5/23/2025

1-Station: from plans										
2-Map label and name	LM 19.11/ STR-1									
3-Latitude/Longitude	35.680819, -89.594742									
4-Feature description:										
-channel identification	perennial stream	✓	intermittent stream		ephemeral stream		wwc			
-HD score (if applicable)	33.50									
-OHWM indicators	bed & banks	✓	deposition	✓	presence of litter debris	✓	scour		veg absent, bent, matted	✓
	change in plant community	✓	destruction of terrestrial veg		multiple observe flow events		sediment sorting	✓	water staining	
	change in soil character	✓	leaf litter disturb or absent		natural line impressed on bank	✓	shelving		wracking	
-channel bottom width	16'		-top of bank width		25'					
-width and max depth at ordinary high water mark	18' and 2'									
-width at bankfull	25'									
-bank height	LDB - 12'		RDB - 12'							
-riffle/pool complex or other specialized habitat present?	riffle/pool									
-dominant riparian species: ----------(LDB /RDB)----------	LDB: Platanus occidentalis									
	RDB: Fraxinus sp									
-particle size distribution %	Silt/Sand: 60		Gravel: 20		Cobble: 20		Boulder:		Bedrock: 0	
5-photo numbers	5-8									
6-HUC -8 Code & Name	08010208 - Lower Hatchie									
7-Assessed	yes		no	✓						
8-ETW	yes		no	✓						
9-303 (d) List	yes		siltation		habitat:		other:			
	no	✓								
10-Notes										

Revised July 2022

Tennessee Department of Environment and Conservation - Division of Water Resources
500 James Robertson Parkway, 9th Floor. Nashville, TN 37243

Hydrologic Determination Field Data Sheet

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: UNT to Hatchie River	Date/Time: 5/23
Assessors/Affiliation: I. Maldonado / L. Niven	Project ID : 136185.12
Site Name/Description: HWY 87 Bridge Repair over Branch	
Site Location: STR-1 (LM 19.11)	
HUC (12 digit): 080102080804 - Hatchie River-Boar Creek	Latitude: 35.680819
Previous Rainfall (7-days) : 2.87"	Longitude: -89.594742
Precipitation this Season vs. Normal : average Source of recent & seasonal precip. data : NOAA / weather.gov	
Watershed Size : 2.63 sq. mi.	County: Lauderdale
Soil Type(s) / Geology : Mo- Morganfield silt loam, occasionally flooded	Source: Web Soil Survey
Surrounding Land Use : forested / agricultural	
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Slight	

Primary Field Indicators Observed

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	✓	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	✓	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions N/A		WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	✓	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	✓	Stream
6. Presence of fish (except *Gambusia*)		Stream
7. Presence of naturally occurring ground water table connection		Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	✓	Stream
9. Evidence watercourse has been used as a supply of drinking water	✓	Stream

NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

Overall Hydrologic Determination = STREAM

Secondary Indicator Score (if applicable) = 33.50

Justification / Notes :

main channel beneath bridge

several dead trees in channel / creating pools and altering natural flow

slight turbidity

Secondary Field Indicator Evaluation

A. Geomorphology (Subtotal = 16.00)	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	1.5
3. In-channel structure: riffle-pool sequences	0	1	2	3	2
4. Sorting of soil textures or other substrate	0	1	2	3	2
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	2
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0
11. Grade controls	0	0.5	1	1.5	1.5
12. Natural valley or drainageway	0	0.5	1	1.5	1
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	2

B. Hydrology (Subtotal = 10.50)	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	3
15. Water in channel and >48 hours since sig. rain	0	1	2	3	3
16. Leaf litter in channel	1.5	1	0.5	0	1.5
17. Sediment on plants or on debris	0	0.5	1	1.5	0.5
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No = 0		Yes = 1.5		1.5

C. Biology (Subtotal = 7.00)	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed [1]	3	2	1	0	3
21. Rooted plants in the thalweg [1]	3	2	1	0	3
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	1
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed [2]	0	0.5	1	1.5	0

[1] Focus is on the presence of terrestrial plants.

[2] Focus is on the presence of aquatic or wetland plants.

Total Points = 33.50

Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points

Notes :

several frogs

good canopy / riparian buffer

runs/pool up and downstream of bridge. riffles under bridge

Ecology Field Data Sheet: **Water Resources**

Project: PN136185.12					
Biologist:	I. Maldonado / L. Niven	**Affiliation:**	Athena EE	**Date:**	5/23/2025

1-Station: from plans										
2-Map label and name	LM 19.11/ STR-2									
3-Latitude/Longitude	35.681086, -89.594720									
4-Feature description:										
-channel identification	perennial stream		intermittent stream	✓	ephemeral stream		wwc			
-HD score (if applicable)	24.75									
-OHWM indicators	bed & banks	✓	deposition		presence of litter debris		scour		veg absent, bent, matted	✓
	change in plant community	✓	destruction of terrestrial veg		multiple observe flow events		sediment sorting	✓	water staining	
	change in soil character	✓	leaf litter disturb or absent		natural line impressed on bank		shelving		wracking	
-channel bottom width	5'		-top of bank width		17'					
-width and max depth at ordinary high water mark	5' and 0.5'									
-width at bankfull	15'									
-bank height	LDB - 4'		RDB - 7'							
-riffle/pool complex or other specialized habitat present?	N/A									
-dominant riparian species: ----------(LDB /RDB)----------	LDB: agrcultrual									
	RDB: grasses									
-particle size distribution %	Silt/Sand:	80	Gravel:	20	Cobble:	0	Boulder:		Bedrock:	0
5-photo numbers	1-4									
6-HUC -8 Code & Name	08010208 - Lower Hatchie									
7-Assessed	yes		no	✓						
8-ETW	yes		no	✓						
9-303 (d) List	yes		siltation		habitat:		other:			
	no	✓								
10-Notes										

Revised July 2022

Tennessee Department of Environment and Conservation - Division of Water Resources
500 James Robertson Parkway, 9th Floor. Nashville, TN 37243

Hydrologic Determination Field Data Sheet

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: UNT to Hatchie River		Date/Time: 5/23
Assessors/Affiliation: I. Maldonado / L. Niven		Project ID : 134185.12
Site Name/Description: HWY 87 Bridge Repair over Branch		
Site Location: STR-2 (LM 19.11)		
HUC (12 digit): 080102080804 - Hatchie River-Boar Creek	Latitude: 35.681086	
Previous Rainfall (7-days) : 2.87"	Longitude: -89.594720	
Precipitation this Season vs. Normal : average Source of recent & seasonal precip. data : NOAA / weather.gov		
Watershed Size : 0.1 sq. mi.	County: Lauderdale	
Soil Type(s) / Geology : Mo- Morganfield silt loam, occasionally flooded	Source: Web Soil Survey	
Surrounding Land Use : forested / agricultural		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

Primary Field Indicators Observed

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	✓	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	✓	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions N/A		WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	✓	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	✓	Stream
6. Presence of fish (except *Gambusia*)	✓	Stream
7. Presence of naturally occurring ground water table connection		Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	✓	Stream
9. Evidence watercourse has been used as a supply of drinking water	✓	Stream

NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

Overall Hydrologic Determination = STREAM

Secondary Indicator Score (if applicable) = 24.75

Justification / Notes :

secondary channel in project / forms confluence with STR-1 at bridge

channel has been diverted / altered to roadsides edge to maximize ag field space

no turbidity / low flow

deep / narrow channel

Secondary Field Indicator Evaluation

A. Geomorphology (Subtotal = 9.75)	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	1.5
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	1
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	0.75
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

B. Hydrology (Subtotal = 9.00)	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	3
15. Water in channel and >48 hours since sig. rain	0	1	2	3	3
16. Leaf litter in channel	1.5	1	0.5	0	1.5
17. Sediment on plants or on debris	0	0.5	1	1.5	0
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	0
19. Hydric soils in channel bed or sides of channel	No = 0		Yes = 1.5		1.5

C. Biology (Subtotal = 6.00)	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed [1]	3	2	1	0	3
21. Rooted plants in the thalweg [1]	3	2	1	0	3
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed [2]	0	0.5	1	1.5	0

[1] Focus is on the presence of terrestrial plants.

[2] Focus is on the presence of aquatic or wetland plants.

Total Points = 24.75

Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points

Notes :

no canopy / poor riparian buffer in project area

no biology noted

Photo 1: STR-1/STR-2 Confluence

Photo 2: STR-2

TN TDOT Department of Transportation

Photo 3: STR-2 Downstream

Photo 4: STR-2 Upstream

Photo 5: STR-1 Downstream

Photo 6: STR-1 Upstream (Bridge #50)

Photo 7: STR-1 Downstream (Bridge #50)

Photo 8: STR-1 Upstream

Outlook

Fw: IPaC delivered Official Species List for project: 134860.00, ETSA_Bridge over Branch, LM 19.11

From William Methvin <William.Methvin@tn.gov>
Date Wed 6/18/2025 7:58 AM
To Steve A. Walker <Steve.A.Walker@tn.gov>

Image preview
Will Methvin | TDOT Consultant
Environmental Division / Tech Studies Office – Ecology Unit
James K. Polk, 9th Floor
505 Deadrick Street
Nashville, TN 37243-0334
P. (931) 2442-5571
William.methvin@tn.gov

From: TDOT_USFWS <tdot_usfws@fws.gov>
Sent: Wednesday, May 21, 2025 3:10 PM
To: William Methvin <William.Methvin@tn.gov>
Cc: Rita M. Thompson <Rita.M.Thompson@tn.gov>; Sikula, Nicole R <nicole_sikula@fws.gov>; Harris, Abigail N <abigail_harris@fws.gov>; DeVore, Christopher <Christopher_DeVore@fws.gov>; Casey Parker <Casey.Parker@tn.gov>
Subject: [EXTERNAL] Re: IPaC delivered Official Species List for project: 134860.00, ETSA_Bridge over Branch, LM 19.11

Will,

Thank you for your correspondence regarding the ETSA bridge replacement over Branch at LM 19.11 in Lauderdale County, Tennessee (PIN: 134860.00). You are requesting a list of federally threatened or endangered species that may be present in the project area.

A review of our database does not indicate that any federally listed or proposed species or designated critical habitat would be impacted by the project. Therefore, based on the best information available at this time, we believe that the requirements of the Endangered Species Act (ESA) are fulfilled for all species that currently receive protection under the ESA. Obligations under section 7 of the ESA should be reconsidered if (1) new

information reveals impacts of the proposed action that may affect listed species or critical habitat in a manner not previously considered, (2) the proposed action is subsequently modified to include activities which were not considered during this consultation, or (3) new species are listed or critical habitat designated that might be affected by the proposed action.

This email will serve as our official project response. Please let me know if we can offer further assistance.

Thank you,

Wesley Giddens
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Tennessee Ecological Services Field Office
446 Neal Street
Cookeville, TN 38501
Email: david_giddens@fws.gov
Cell Phone: (931)260-6938

From: Administrator Email <ecosphere_support@ecosphere.fws.gov>
Sent: Tuesday, April 29, 2025 10:26 AM
To: Griffith, John <John_Griffith@fws.gov>; Tennessee ES, FWS <tennesseeES@fws.gov>; Sykes, Robbie <robbie_sykes@fws.gov>; TDOT_USFWS <tdot_usfws@fws.gov>; Alexander, Steven <steven_alexander@fws.gov>
Subject: IPaC delivered Official Species List for project: 134860.00, ETSA_Bridge over Branch, LM 19.11

To: IPaC point(s) of contact for Tennessee Ecological Services Field Office
Project Location: Lauderdale County, Tennessee

IPaC has delivered an official Section 7 species list on behalf of your office. For your convenience, IPaC has created an ETK project (2025-0089610) with a new associated 'Species List Provided' event. A PDF file of the species list document is attached to the event and contact information for the project can be found on the last page of the PDF.

IPaC has automatically set the Project status to "Closed". If you need to do any additional work in this project (*e.g.*, add staff, add events, change lead office, etc.), you must first change the Project status to "active" so that you can edit the project. You can access the project via the link, above.

Lead FWS Office:
The Tennessee Ecological Services Field Office is currently designated as the lead office for Section 7 on this project. The following additional offices have jurisdiction and have been notified: None. If another office is the lead office on this project, please access the project (via the link above) and update it. IPaC will not reset the Lead Office once it has been updated by a biologist.

*Projects created in ETK by IPaC have not been assigned to an FWS staff member. To identify the staff assigned to this project, please access the project (via the link above) and add their name(s).

TENNESSEE WILDLIFE RESOURCES AGENCY
WWW.TNWILDLIFE.ORG
(615) 781-6500

STATE OF TENNESSEE
ELLINGTON AGRICULTURAL CENTER
5107 EDMONDSON PIKE
NASHVILLE, TN 37211

May 21, 2025

Re: Lauderdale County Bridge replacement SR-87 LM 19.11 PIN 134860.00

Mr. William Methvin,

The Tennessee Wildlife Resources Agency has reviewed the information that you provided regarding the subject project in Lauderdale County, Tennessee. Your letter to us requested comments by our agency regarding potential impacts to endangered species, wetlands, and other areas of concern as we may think pertinent due to the proposed project.

This project involves the proposed bridge replacement on SR-87 at LM 19.11 in Lauderdale County. The initial information provided by TDOT and the data I have reviewed and compared to the proposed project, conclude that the project is not anticipated to adversely affect any federally or state-listed Endangered, Threatened, or Deemed-In-Need-of-Management species. Based upon these understandings, TWRA does not anticipate adverse impacts upon listed species under our authority due to the project and we have no concerns or objection to the proposed project. Re-coordination will be required if new species records are found or if the proposed project plans incorporate critical habitat for listed species of concern.

Thank you for the opportunity to review and comment on this proposed project. If you have further questions regarding this matter; please contact me at (731) 431-0012.

Sincerely,

Casey Parker
West TN Transportation Biologist