NT OF TRANSO		
South Carolina Department of Transportation On Behalf of the Federal Highway Administration - South Carolina Div		
South Carolina Department of Transportation On Behalf of the Federal Highway Administration - South Carolina Div PROCESSING FORM FOR PROGRAMMATIC CATEGORICAL EXCLU NON MAJOR FEDERAL ACTIONS	SIONS	
Project ID P044879 Route S-2-105 County Ai	ken	
Part 1 - Project Description		
Include the Project Name/Description		
S-2-105 (Old Vaucluse Road) over I-20 Emergency Bridge Replacement (Asset ID: 5198)		
This project proposes to install a replacement bridge on S-2-105 (Old Vaucluse Rd) over I-20. The suffered a total loss following a bridge strike and fire. The road is currently close and a detour for an on-alignment configuration and will be constructed to comply with current design criteria. Ne impact or effects to resources within the project study area. Public engagement consisted of pre an informational website.	I-20 is in place. The PA studies revealed	new bridge will be d no significant
Part 2 - PCE Type		
Select the appropriate Categorical Exclusion from 23 CFR Part 771.117 that best fits the e menu. Reference Appendix A of the PCE Agreement for a more detailed description 771.117 .		•
23 CFR 771.117(c) Bridge rehabilitation, reconstruction, or replacement or railroad crossing impr	ovements	
23 CFR 771.117(d)		
Part 3 - Thresholds		
To be processed as a Programmatic Categorical Exclusion (PCE) the following conditions must be (as outlined in the PCE Agreement between FHWA-SC and SCDOT). Place a "X" in the appropriate of the below criteria, SCDOT will consult with FHWA-SC to determine the appropriate level of NEP to FHWA-SC for approval. *Reference Part 4 of the Processing form or Section IV of the PCE A definitions regarding each threshold.	e box below. If the a A documentation re	inswer is "Yes" to any equired and forward
1. Involves any unusual circumstances as described in * <u>23 CFR Part 771.117(b)</u>	Yes	🖂 No
2. The acquisition of more than * <u>minor amounts</u> of temporary or permanent strips of right-of-way	Yes	🖂 No
3. Involves acquisitions that result in residential or non-residential displacements	Yes	🖂 No
4. Results in capacity expansion of a roadway by adding through lanes	Yes	🔀 No

PCE Processing Form Continued:

	Part 3 - Thresholds Continued					
5.	Involves construction that would result in * <u>major traffic disruptions</u>	Yes	\square	No		
6.	Involves * <u>changes in access control</u> requiring FHWA approval	Yes	\square	No		
7.	An adverse effect determination under Section 106 of the National Historic Preservation Act.	Yes	\square	No		
8.	Use of Section 4(f) property that cannot be documented with a FHWA <i>de minimis</i> determination or a programmatic Section 4(f) other than the programmatic evaluation for the use of historic bridges	Yes	X	No		
9.	Any use of a Section 6(f) property	Yes	X	No		
10.	Requires an Individual USACE 404 Permit	Yes	\square	No		
11.	Requires an Individual U.S. Coast Guard Permit.	Yes		No		
12.	Work encroaching in a regulatory floodway, adversely affecting the base floodplain (100 yr.) pursuant to E.O. 11988 and 23 CFR Part 650 Subpart A	🗌 Yes		No		
13.	Construction in, across, or adjacent to a river designated as a National Wild and Scenic River	🗌 Yes	\square	No		
14.	Involves an increase of 15 dBA or greater on any noise receptor or abatement measures are found to be feasible and reasonable due to noise impacts	Yes	X	No		
15.	May affect and is likely to adversely affect a Federally listed species or designated critical habitat or projects with impacts subject to the BGEPA	🗌 Yes		No		
16.	Involves acquisition of land for hardship, protective purposes, or early acquisition	Yes		No		
17.	Does not meet the latest Conformity Determination for air quality non-attainment areas (if applicable).	🗌 Yes		No		
18.	Any known or potential <u>major</u> hazardous waste sites within the right-of-way.	🗌 Yes		No		
19.	Is not included in or is inconsistent with the STIP and/or TIP	🗌 Yes		No		
Part 3 Continued - Additional criteria to be completed for disposal of excess right-of-way PCE						
	1. Is the parcel part of a SCDOT environmental mitigation effort or could it be used for environmental Yes No mitigation?					
2. ls t	here a formal plan to use this parcel for a future transportation project (is it part of an approv	ved LRTP)?	🗌 Yes	🗌 No		
Form	Form Updated: 03-14-2025 Page 2 of 3					

Part 4 - Threshold Definitions

Unusual Circumstances (23 CFR Part 771.117) - Unusual circumstances are defined as:

a. Significant environmental impacts;

b. Substantial controversy on environmental grounds;

c. Significant impact on properties protected by Section 4(f) of the DOT ACT or Section 106 of the National Historic Preservation Act; or d. Inconsistencies with any Federal, State, or local law, requirement, or administrative determination relating to the environmental aspects of the action.

Minor Amount of Right-of-Way (ROW):

A minor amount of ROW is defined as less than 3 acres per linear mile for linear projects or less than 10 acres of impacts for non-linear projects (eq: intersections, bridges), and no removal of major property improvements. Examples of major improvements include residential and business structures, or the removal of other features which would change the functional utility of the property. Removal of minor improvements, such as fencing, landscaping, sprinkler systems, and mailboxes would be allowed.

Major Traffic Disruptions:

A major traffic disruption is defined as an action that would result in: a) adverse effects to through-traffic businesses or schools, b) substantial change in environmental impacts, or c) public controversy associated with the use of the temporary road, detour, or ramp closure.

Changes in Access Control:

Requires approval from FHWA for changes in access control on the Interstate system (eg: Interchange Modification Reports or Interchange Justification Reports).

Environmental Commitments:	(Check all that apply)	
⊠ USTs/Hazardous Materials	General Permit	Right of Way
🔀 Water Quaility	Individual Permit	Floodplains
🔀 Migratory Bird Treaty Act	Essential Fish Habitat	Lead Based Paint
Stormwater	⊠ Cultural Resources	
Coast Guard Permit Exclusion	Noise	Non-Standard Commitment (see below)
forth in the Programmatic Categorical E additions/deletions to the project may	xclusion Agreement signed by l void environmentally processing o the attention of SCDOT Enviro	I to determine that the project meets the criteria set FHWA-SC and SCDOT. It is understood that any g the project as presently classified; consequently, any nmental Services Office immediately. A copy of this to FHWA.
Approved By: Caycee C	. Cleaver	Date Jul 7, 2025
NEPA Start Date: Jul 3, 202		bes the project contain additional mmitments?: (if Yes attach to form) \Box Yes \boxtimes No
Form Updated: 03-14-2025		Page 3 of 3

Date: 07/07/2025	NEPA ENVIRO	MENTA		TS FORM		ENVIRONMENTAL SERVICES	
Project ID : P044879 County :	Aiken	District	:	Doc Type:	PCE	Total # of Commitments:	4
Project Name: S-2-105 (Old Vaucluse Roa	ad) over I-20 Bridge	e Replace	ment	-			
The Environmental Commitment Contractor the responsibility of the Program Manager to questions regarding the commitments listed	o make sure the Env						
CONTACT NAME: Michael Pitts				PHONE	#: (803)-737-256	56	
EN	VIRONMENTAL	соммі	TMENTS FOR	THE PRO	JECT		
USTs/Hazardous Materials	NEPA Doo	Ref:		R	esponsibility:	CONTRACTOR	
If avoidance of hazardous materials during construction, the South Car Hazardous materials will be tested Protection Agency and the SCDHEC r	olina Departmer and removed a	nt of He Ind/or ti	alth and Envi reated in acc	ironmental	Control (SCD	HEC) will be	informed.
						Spec	cial Provision
Water Quality	NEPA Doo	: Ref:		R	esponsibility:	CONTRACTOR	
The contractor will be required to mipolicies contained in 23 CFR 650B an edition) and Supplemental Technical fences, sediment basins, etc. as appr	d the Departmen Specifications or	t's Supp Seeding	lemental Spec g (latest editio	cification or on). Other	n Erosion Cont measures inclu	rol Measures uding seeding,	latest silt
						Spec	cial Provision
Migratory Bird Treaty Act	NEPA Doo	Ref:		R	esponsibility:	CONTRACTOR	
The federal Migratory Bird Treaty Act, 16 USC § 70 sell, barter, purchase, deliver or cause to be shipp not. The South Carolina Department of Transport migratory birds and the destruction of their active	ed, exported, imported ation (SCDOT) will com	, transporte	d, carried or received	ved any migrat	ory bird, part, nest,	egg or product, ma	nufactured or
The contractor shall notify the Resident Construct The RCE will coordinate with SCDOT Environment coordination, it will be determined when construis maintenance has begun, the contractor will cease determine the next course of action.	tal Services Office (ESO ction/demolition/maint), Complian enance can	ce Division, to det begin. If a nest is	ermine if there observed that	e are any active bir t was not discovere	ds using the structured after construction	ure. After this n/demolition/
The use of any deterrents by the contractor desig The cost for any contractor provided deterrents w		-		d by the RCE w	rith coordination fr		ance Division. cial Provision

Project ID :	P044879
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SCDOT NEPA ENVIRONMENTAL COMMITMENTS FORM



ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Cultural Resources	NEPA Doc Ref:	Responsibility:	CONTRACTOR
The contractor and subcontractors mus remains, including but not limited to concentrations during the construction Construction Engineer (RCE) will be imm work shall cease until the SCDOT Archaeo	o arrowheads, pottery, ce n phase of the project, if nediately notified and all wo	ramics,flakes, bones, graves, any such remains are enco	gravestones, or brick puntered, the Resident
			Special Provision

	Special Provision

NEPA Doc Ref:	Responsibility:	
		Special Provision

SCDƏT	Cultural Resources Projec	t Screening For
File Numb Project Na S-105 (Old		County: Aiken
Type 1: Resurfacing, installation of fencing, signs, pavement markings, traffic signals, passenger shelters, railroad warning devices, installation of rumble strips, and landscaping		Project Type 2
Type 2: Bridge replacements on alignment, construction of bicycle/pedestrian facilities, and intersection improvements		
Type 3: Proj (e.g. road w	jects that do not fall into Type 1 and Type 2 categories videning)	

Comments

This project will replace the bridge (Asset ID 5198) carrying S-105 (Old Vaucluse Road) over I-20. The existing bridge was demolished following a vehicular crash that caused the structure to catch fire and collapse. The bridge will be replaced on existing alignment and new ROW will be required. The project study area (PSA) is defined as 1500 feet from either end of the bridge and 50 feet on either side of the road centerline. The archaeological survey examined the PSA. The architectural survey examined the area of potential effect (APE), which consisted of a 300-foot buffer around the PSA. The APE was reviewed using ArchSite, Google Earth, Web Soil Survey, historic topographic maps, and aerial photographs. The review determined that the western half of the PSA was surveyed for cultural resources by TRC in 2005. One previously recorded archaeological site, 38AK944, is recorded southwest of the bridge, outside of the APE. The site, which consists of an unknown precontact lithic scatter, is not eligible for the NRHP. Web Soil Survey maps all the soils within the PSA as excessively drained Lakeland sand. A cultural resources field survey, consisting of a pedestrian reconnaissance of the entire APE, augmented by the excavation of shovel tests within the unsurveyed eastern half of the PSA, was conducted on 7-1-2025. Thirty-two shovel tests were excavated along two transects. One Isolated Find (IF1), consisting of a single chert flake, was identified in Shovel Test 2-13. Additional shovel tests excavated to delineate the positive were all negative. The bridge to be replaced (Asset ID 5198) was built in 1968 and is a 264-foot-long, 2-span steel stringer structure. The bridge, which was no longer extant at the time of survey, was not recorded and evaluated for inclusion on the NRHP because it qualifies for streamlined review under the FHWA's Post-1945 Bridges Program Comment. No other above ground resources of 50 years of age or older are located within the APE.

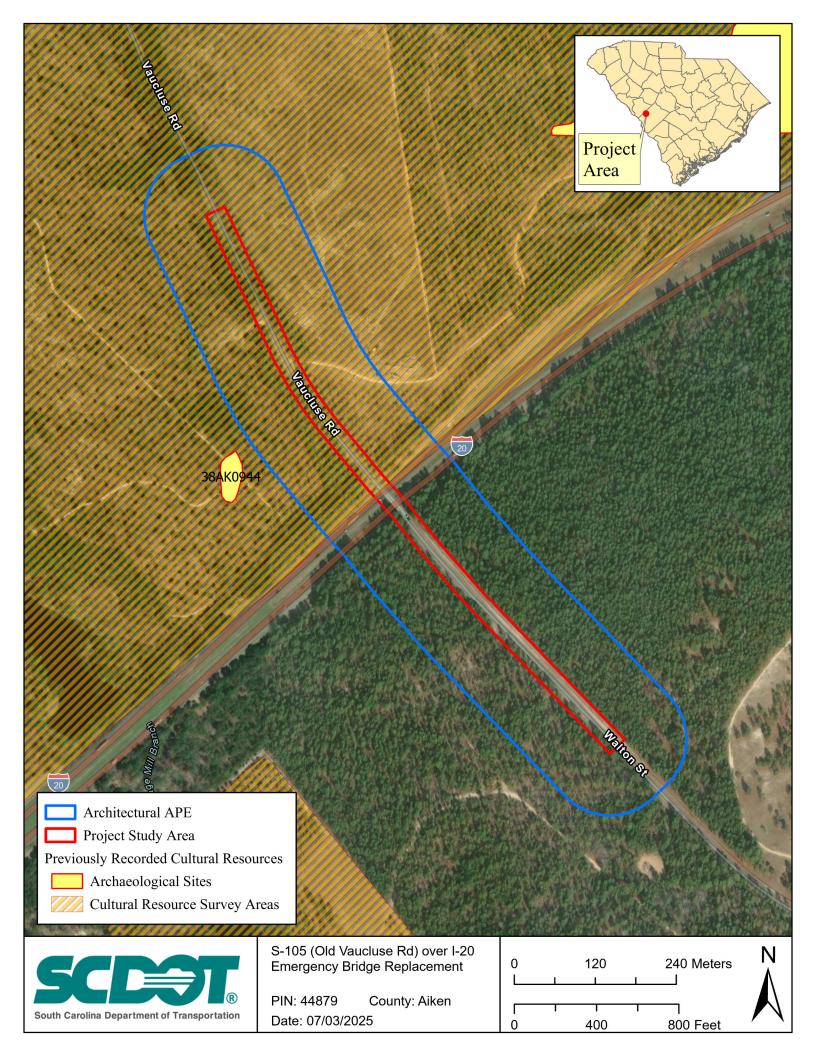
Effect Determination: No Historic Properties Affected *SHPO consultation is required for all Type 3 projects and any project with a No Adverse or Adverse Effect Determination.

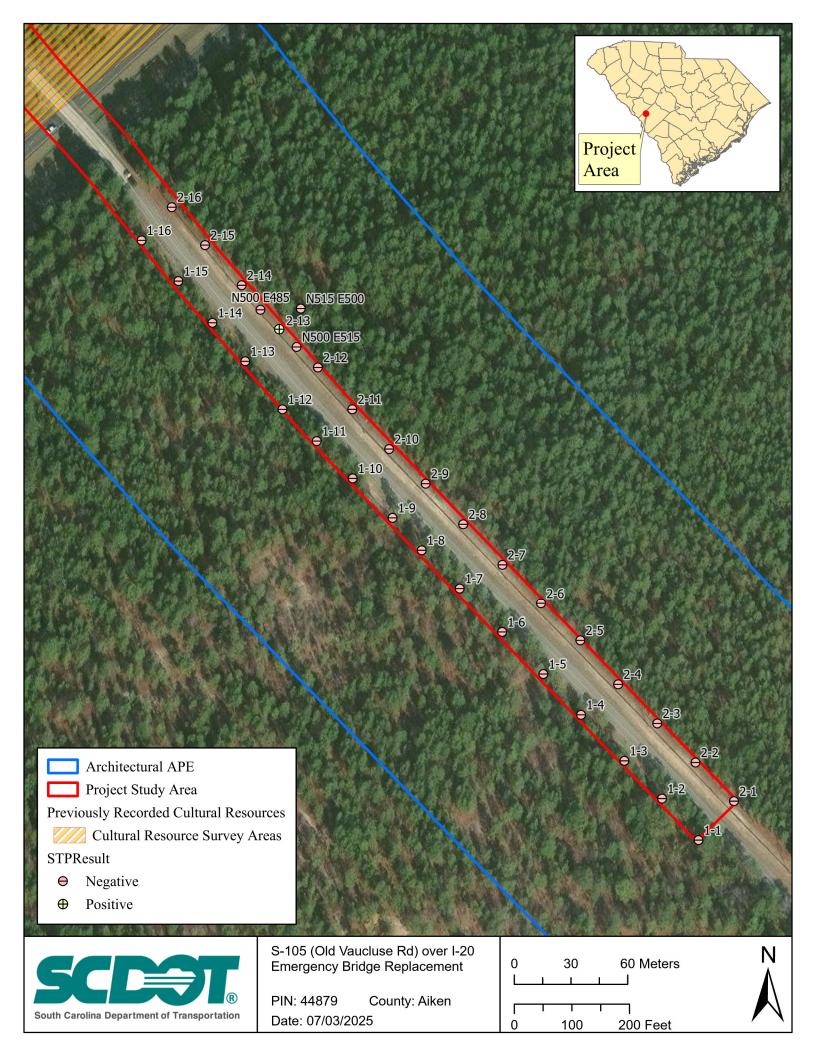
This screening form was developed to satisfy documentation requirements for Type I and Type II projects under a Programmatic Agreement between the Federal Highway Administration, the South Carolina State Historic Preservation Office, the US Army Corps of Engineers, and the South Carolina Department of Transportation. For Type I and Type II projects that have no effect on historic properties, the completion of this screening form with supporting documentation (e.g. ArchSite Map) provides evidence of FHWA and SCDOT's compliance with Section 106 of the National Historic Preservation Act.

Prepared by: Rebecca Shepherd

Review Date

7/3/2025





PERMIT DETERMINATION

Date: Jun 24, 2025	Project ID: P044879
From:Caycee Cleaver	_Company:SCDOT
Contact Info (phone and/or email): <u>cleavercc@</u>	scdot.org
Permit Manager: Will McGoldrick - Alternative	e Delivery Coordinator
Project Name: S-2-105 (Old Vaucluse Rd) over	r I-20 Bridge Replacement
County: Aiken	(Optional) Structure #: <u>5198</u>
STUDY AREA: Does there appear to be WOTUS in the PERMIT TYPE:	e study area? 🔿 YES 💿 NO
It has been determined that no permit is re	equired because:
There are no WOTUS within the project study area.	
 The following permit(s) is/are necessary: (Please check which type(s) of permit t USACE Permit GP IP OCRM Permit Individual CAP Navigable Permit State NAV U 408 PROJECT INFO: Is it within a 408 Project: O YES 	he project will need) NWP CAP GP SCG • NO
408 Project Name	:
MITIGATION: Mitigation Bank: ○ YES ● N Mitigation Bank N	0
is a preliminary determination and is subject to	
Caycee (Cleaver Date: 2025.07.07 12:41:03 -04'00'

Caycee Cleaver Deaver D

Jul 7, 2025 Date

Biological Assessment

Project Title:	S-2-105 (Old Vaucluse Road) over I-20 Bridge Replacement (Asset ID: 5198)
SCDOT PIN:	P044879
Author: Ke	ith Walker Date: 6/24/2025
Description:	Install a replacement bridge on S-2-105 (Old Vaucluse Rd) over I-20. The bridge was constructed in 1968 and suffered a total loss following a bridge strike and fire. The road is currently closed and a detour is in place. The new bridge will be an on-alignment configuration and will be constructed to comply with current design criteria.
Species List:	 Tricolored Bat – <i>Perimyotis subflavus</i> (Proposed Endangered) Red-cockaded Woodpecker – <i>Dryobates borealis</i> (Threatened) Monarch Butterfly – <i>Danaus plexippus</i> (Proposed Threatened) Harperella – <i>Ptilimnium nodosum</i> (Endangered) Ocmulgee Skullcap – <i>Scutellaria ocmulgee</i> (Endangered) Relict Trillium – <i>Trillium reliquum</i> (Endangered) Smooth Coneflower – <i>Echinacea laevigata</i> (Threatened)

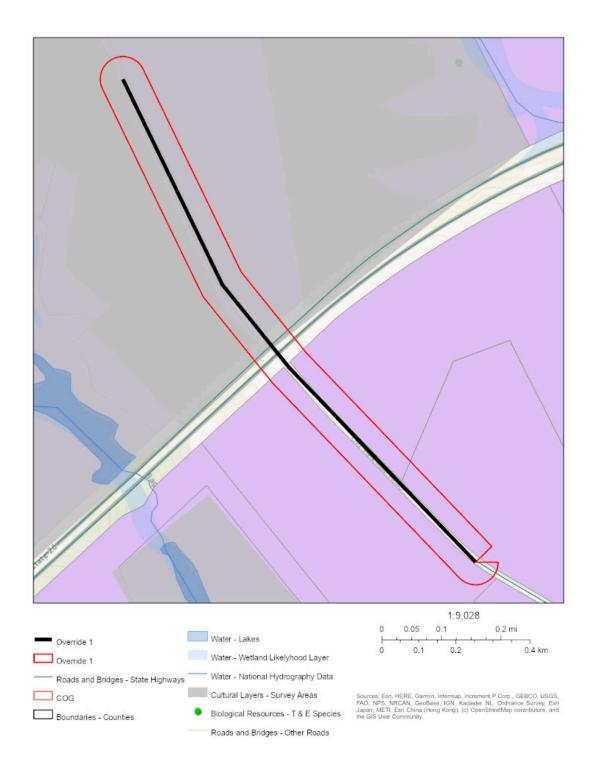
Effect: No effect



Area of Interest (AOI) Information

Area : 51.61 acres Buffer: 200 Feet

Jun 16 2025 7:54:16 Eastern Daylight Time



Environmental Questions for Feasibility Study:

What is the anticipated NEPA Document Type?

PCE

Is noise analysis required?

No

What is the anticipated Permit Type(s)?

GP

Are there navigable waters in the project area?

Is the project within an existing Mitigation Bank Service area?

Has a SCDHEC Water Quality Report been provided?

Additional Comments:

Summary

Name	Count	Area(acres)	Length(ft)
Other Roads	1	N/A	2,208.99
Watershed	1	51.61	N/A
Ecoregion	1	51.61	N/A
Survey Areas	2	35.35	N/A

Other Roads

#	STREET_NAM	ROUTE_TYPE	ROUTE_NUMB	Length(ft)			
1	OLD VAUCLUSE RD	L-	105	2,208.99			

Watershed

#	Basin	HUC 8	Area(acres)			
1	Savannah	03060106	51.61			

Ecoregion

#	L4_KEY	L3_KEY	Area(acres)			
1	65c Sand Hills	65 Southeastern Plains	51.61			

Survey Areas

about:blank

#	Survey_Nam	Date_	Area(acres)			
1	Cultural Resource Reconnaissance Survey of Approximately 1600 Acres at the Pine Tree Tract	2005	26.59			
2	Phase I Archaeological Survey of Approximately 360 Acres at the Pine Tree Tract	2005	8.76			

The Screening widget allows you to define an area of interest and analyze below listed layers for potential impacts.

Boundary: Cities; COG, Watershed; Ecoregion

Roads & Bridges: Statewide Bridges; Roads; State Highways

Biological

Resources: T & E Species; Statewide Element Occurence's; T & E Critical Habitat; Oyster Habitat Corridor; Bald Eagle Nests

Cultural

Resources: Archaeological Point; Civil War Earthworks; Historic Structures; National Register Points; Restricted National Register Points; Survey Lines; Archaeological Site; Survey Areas; Historic Areas; National Register Polygon; Restricted National Register Polygon

Protected Lands: NWF Wildlife Refuges Area; NRCS Easments; Heritage Preserves; Parks; US Forest; Wildlife Management Areas

> WOTUS: Streams; Lakes; NWI Wetlands; Wetlands Likelyhood Layer

Coastal Resources: Shellfish Monitoring Station; Critical Area Boundary; Shellfish Classification; SCDNR Oyster Habitat; SCDNR Oyster Beds

Water Quality: Bio Station; TMDL

Land and

Waste: Solid Waste Landfill; Underground Storage Tank; Above Ground Storage Tank; CERCLA; Complience and Enforcement; DryCleaners; Leaking Underground Storage Tank

Others: Soil Classification



Watershed and Water Quality Information

SC Department of Environmental Services

General Information

Applicant Name: Caycee Cleaver Address: 219 OLD VAUCLUSE RD, AIKEN, SC, 29801 MS4 Designation: Small MS4 Within Coastal Critical Area: No Waterbody Name: VAUCLUSE POND

Permit Type: Construction

Latitude/Longitude: 33.620870 / -81.824090

Monitoring Station: SV-072 Water Classification (Provisional): FW **Entered Waterbody Name:**

Parameter Description NH3N Ammonia CD Cadmium

NH3N	Ammonia	CD	Cadmium	CR	Chromium
CU	Copper	HG	Mercury	NI	Nickel
PB	Lead	ZN	Zinc	DO	Dissolved Oxygen
PH	pН	TURBIDITY	Turbidity	ECOLI	Escherichia coli (Freshwaters)
FC	Fecal Coliform (Shellfish)	BIO	Macroinvertebrates (Bio)	TP	(Lakes) Phosphorus
TN	(Lakes) Nitrogen	CHLA	(Lakes) Chlorophyll a	ENTERO	Enterococcus (Coastal Waters)
HGF	Mercury (Fish Tissue)	PCB	PCB (Fish)		

Impaired Status (downstream sites)

Station	NH3N	CD	CR	CU	HG	NI	РВ	ZN	DO	PH	TURBIDITY	ECOLI	FC	BIO	TP	ΤN	CHLA	ENTERO	HGF	PCB
SV-072	Х	Х	Х	Х	X	Х	F	Х	X	Х	Х	InTF	X	Х	х	Х	Х	X	Х	X
SV-250	Х	F	Ν	F	F	F	Α	Ν	F	F	F	Α	Х	Х	Х	Х	Х	Х	Х	X

F = Standards full supported N = Standards not supported A = Assessed at upstream station X = Parameter not assessed at station

WnTN = Within TMDL, parameter not supported InTN = In TMDL, parameter not supported

WnTF = Within TMDL, parameter full supported InTF = In TMDL, parameter full supported

Parameters to be addressed (those not supporting standards)

ECOLI - Escherichia coli (Freshwaters) ZN - Zinc

Fish Consumption Advisory

Waters of Concern (WOC)

TMDL Information - TMDL Parameters to be addressed

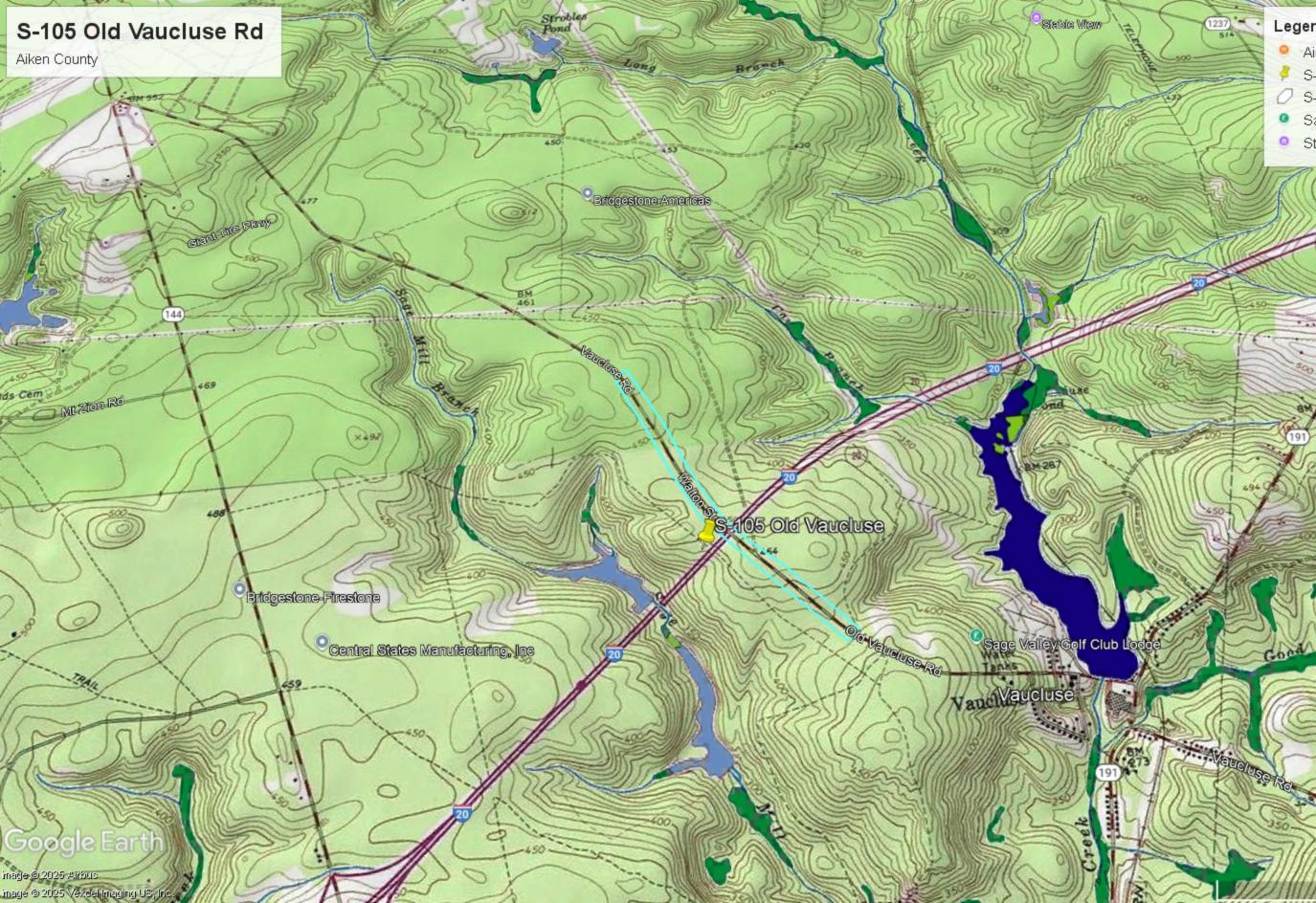
In TMDL Watershed: Yes TMDL Report No: 007-06

TMDL Site: SV-071 TMDL Parameter: Fecal

CR - Chromium

TMDL Document Link: https://des.sc.gov/sites/des/files/docs/HomeAndEnvironment/Docs/tmdl horse.pdf

Report Date: June 23, 2025



Legend

1237)

514

- Airport grill
- S-105 Old Vaucluse
- O S-105 Old Vaucluse

Ser 1.

191

191

Good

Em's Stiches

Chaypit

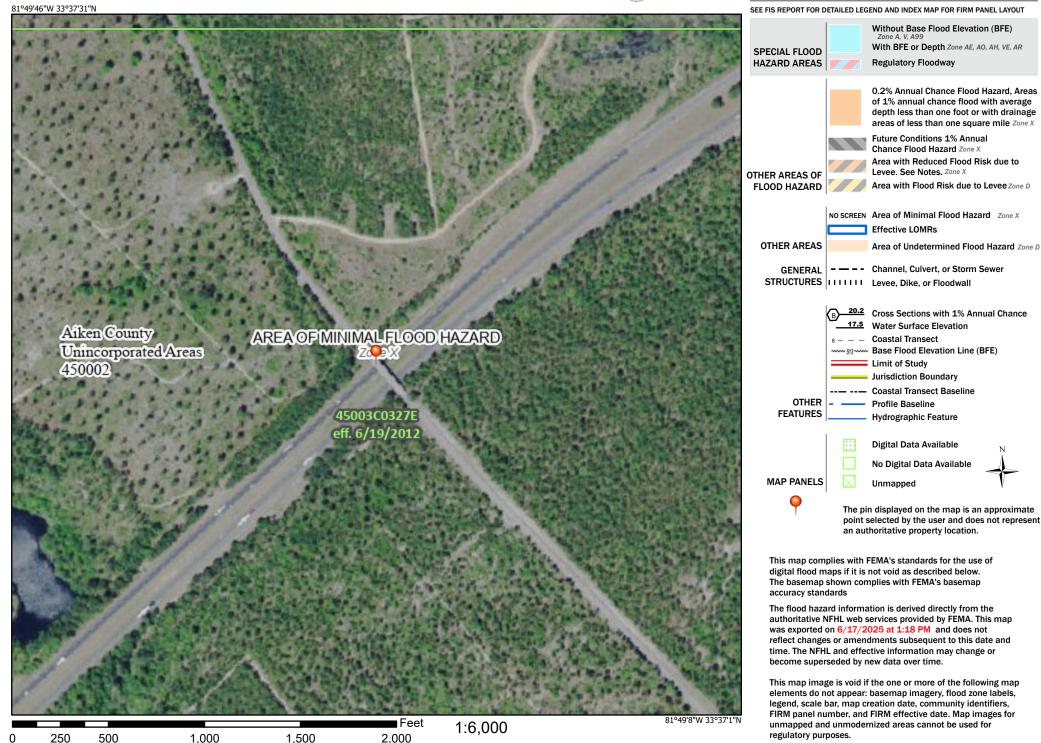
or not

- Sage Valley Golf Club Lodge 0
- Stable View

National Flood Hazard Layer FIRMette



Legend



Basemap Imagery Source: USGS National Map 2023

