



Supplemental Information

S-1086 (Barrett Road) Bridge Replacement over
Beaverdam Creek

SCDOT Project ID: P041173

August 21, 2023





Photograph 1

Date:
05/02/2023

Taken By:
Matt DeWitt

**Stream A
East of S-1086**

View looking
upstream.
Photograph is
taken from the
centerline of
the stream,
facing west.



Photograph 2

Date:
05/02/2023

Taken By:
Matt DeWitt

**Stream A
West of S-1086**

View looking
downstream.
Photograph is
taken from the
centerline of
the stream,
facing east.



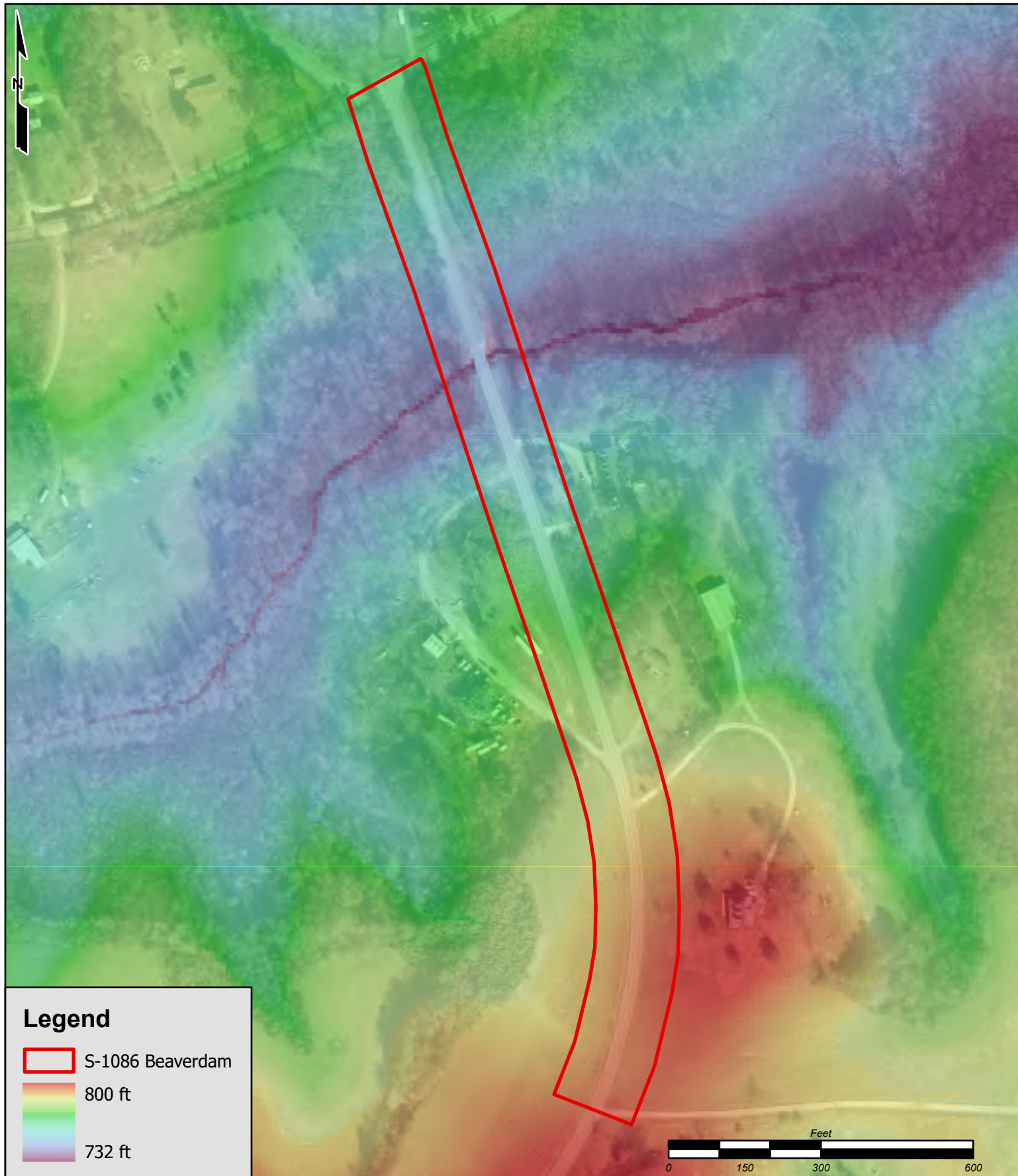
Photograph 3

Date:
05/02/2023

Taken By:
Matt DeWitt

**Stream A
West of S-1086**

View looking
upstream.
Photograph is
taken from the
centerline of
the stream,
facing west.



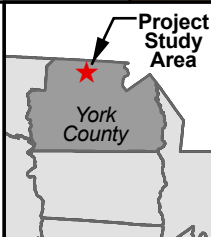
Legend

- S-1086 Beaverdam
- 800 ft
- 732 ft



**ROBBINS
& DEWITT**

www.Robbins-DeWitt.com



Project
Study
Area

York
County

S-1086 BRIDGE REPLACEMENT OVER BEAVERDAM CREEK PROJECT ID: P041173

YORK COUNTY, SOUTH CAROLINA

Source: SCDNR LIDAR DEM [York County, South Carolina (2011)]; SC Geodetic High Resolution 6-inch, RGB Aerial Imagery [Statewide, South Carolina (2020)]



DRAWN BY: TRC

DATE: 04/26/2023

DIGITAL ELEVATION MAP

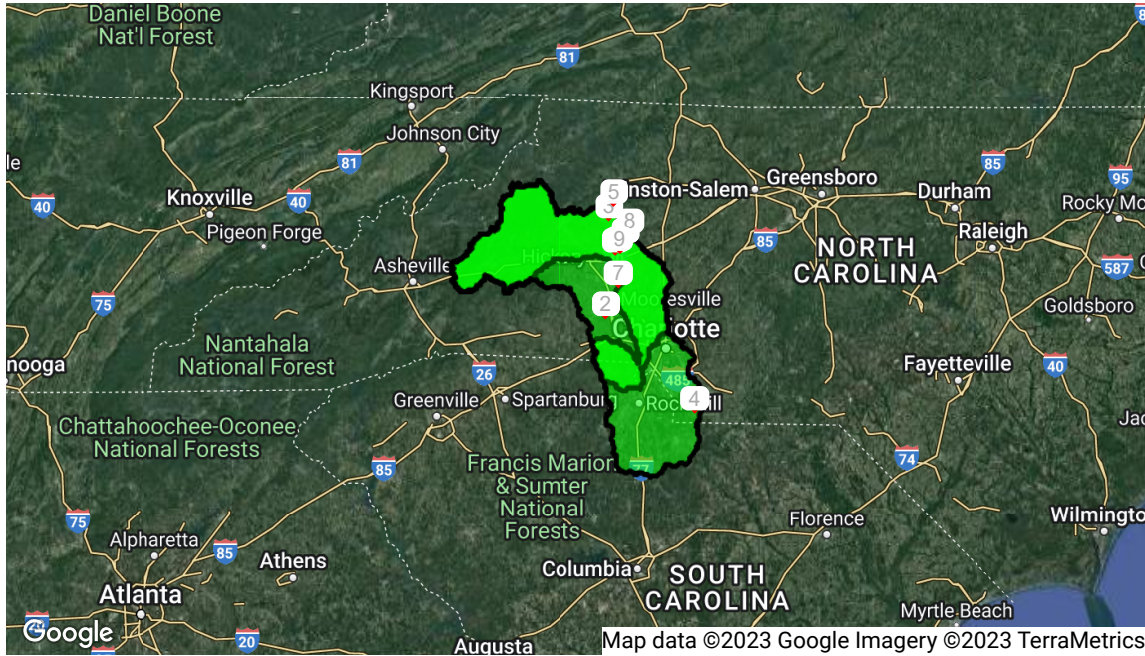
FIGURE XX

Notice: The credit totals shown do **NOT reflect any credit reservations or pending transactions.**
It is the responsibility of potential purchasers to contact the Sponsor and obtain written confirmation of credit availability.

Latitude: 35.1372, **Longitude** -81.231528
State: South Carolina
County: York
8-digit Hydrologic Unit Code: 03050101
USFWS Field Office: Charleston
USACE District: Charleston
NMFS Region: Southeast
BLM State Office: Eastern States
Banks/Sites in Primary Service Area 9
Banks/Sites in Secondary Service Area 2
Banks/Sites in Tertiary Service Area 1
ILF Program Advance Credits 0

Search Criteria:
Including ONLY **approved, public** banks, ILF sites, NRDA sites, umbrella sites, BLM project sites, and ILF programs **with defined credit classifications**
Excluding single client banks, ILF sites, NRDA sites, umbrella sites, and BLM project sites
Excluding banks, ILF sites, NRDA sites, umbrella sites, BLM project sites, and ILF programs **with zero available credits**
Including bank, ILF site, NRDA site, umbrella site, and BLM project site service areas of rank **Primary, Secondary, Tertiary**
Including ILF programs **with Stream credits**

Banks/Sites in Primary Service Area



Bank Name: 1 - NCDMS Alexander Farm

Bank Type: Public Commercial

Total Acres: 21

Distance to impact: 47 Miles

USACE Permit No: SAW-2018-00451

Bank States: North Carolina

Comments: Stream ILF site

Bank Sponsor: **North Carolina Division of Mitigation Services**
 1652 Mail Service Center
 Raleigh, NC 27699-1652
 Phone: (919) 715-0476
 Fax: (919) 715-2219

Bank Sponsor POC:
Shawn Wilkerson
Consultant
 Wildlands
 GA
 Email: swilkerson@wildlandsinc.com
 Phone: (704) 332-7754 X 100

Regulatory Bank Manager:
Todd Tugwell
Mitigation Project Manager
 Regulatory Division
 3331 Heritage Trade Drive, Suite 107
 Wake Forest, NC 27587
 Email: todd.tugwell@usace.army.mil
 Phone: (919) 210-6265

Credit Type Credit Classifications Assessment Method

Available Credits Jurisdiction

Stream Warm Water Stream North Carolina Stream Quality Assessment Worksheet 1703.24

Federal

Notes:

Bank Name: 2 - NCDMS Carpenter Bottom

Bank Type: Public Commercial

Total Acres: 15.2

Distance to impact: 19 Miles

USACE Permit No: SAW-2018-02062

Bank States: North Carolina

Bank Sponsor:

Bank Sponsor POC:

Kelly Williams

1652 Mail Service Center

Raleigh, NC 27603

Email: kelly.williams@ncdenr.gov

Regulatory Bank Manager:

Todd Tugwell

Mitigation Project Manager

Regulatory Division

3331 Heritage Trade Drive, Suite 107

Wake Forest, NC 27587

Email: todd.tugwell@usace.army.mil

Phone: (919) 210-6265

<u>Credit Type</u>	<u>Credit Classifications</u>	<u>Assessment Method</u>	<u>Available Credits</u>	<u>Jurisdiction</u>
Wetland	Riparian	North Carolina Wetland Assessment Method	2.5	Federal
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet 920.35		Federal

Notes:

Bank Name: 3 - NCDMS Groundhog Hollow

Bank Type: Public Commercial

Total Acres: 20.58

Distance to impact: 55 Miles

USACE Permit No: SAW-2018-00450

Bank States: North Carolina

Bank Sponsor:

Bank Sponsor POC:

Kelly Williams

In-Lieu Fee Program Coordinator

1652 Mail Service Center

Raleigh, NC 27604

Email: Kelly.williams@ncdenr.gov

Regulatory Bank Manager:

Todd Tugwell

Mitigation Project Manager

Regulatory Division

3331 Heritage Trade Drive, Suite 107

Wake Forest, NC 27587

Email: todd.tugwell@usace.army.mil

Phone: (919) 210-6265

<u>Credit Type</u>	<u>Credit Classifications</u>	<u>Assessment Method</u>	<u>Available Credits</u>	<u>Jurisdiction</u>
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet 1228.19		Federal

Notes:

Bank Name: 4 - NCDMS Nesbit

Bank Type: Public Commercial

Total Acres: 18.1

Distance to impact: 37 Miles

USACE Permit No: SAW-2019-00832

Bank States: North Carolina

Bank Sponsor:

Bank Sponsor POC:

Kelly Williams

1652 Mail Service Center

Raleigh, NC 27603

Email: Kelly.williams@ncdenr.gov

Regulatory Bank Manager:

Mrs. Kim Isenhour

3331 Heritage Trade Drive

Suite 107

Wake Forest, NC 27587

Email: kimberly.t.isenhour@usace.army.mil

Phone: (919) 946-5107

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Mitigation Project Manager

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Phone: (919) 210-6265

Credit Type Credit Classifications Assessment Method

Available Credits Jurisdiction

Wetland	Riparian	North Carolina Wetland Assessment Method	1.94	Federal
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet	1559.62	Federal

Notes:

Bank Name: 5 - NCDMS Russell Gap Mitigation Site

Bank Type: Public Commercial

Total Acres: 35.97

Distance to impact: 61 Miles

USACE Permit No: SAW-2015-00826

Bank States: North Carolina

Bank Sponsor: **North Carolina Division of Mitigation Services**

1652 Mail Service Center

Raleigh, NC 27699-1652

Phone: (919) 715-0476

Fax: (919) 715-2219

Bank Sponsor POC:

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In-Lieu Fee Program Coordinator

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Raleigh, NC 27604

Email: Kelly.williams@ncdenr.gov

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Wake Forest, NC 27587

Email: todd.tugwell@usace.army.mil

Phone: (919) 210-6265

<u>Credit Type Credit Classifications Assessment Method</u>			<u>Available Credits</u>	<u>Jurisdiction</u>
Wetland	Riparian	North Carolina Wetland Assessment Method	2.12	Federal
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet	2750.09	Federal

Notes:

Bank Name: 6 - RES Catawba UMB - Dogtown Site

Bank Type: Private Commercial

Total Acres: 54.92

Distance to impact: 43 Miles

USACE Permit No: SAW-2017-00608

Bank States: North Carolina

Bank Sponsor: **Environmental Banc & Exchange, LLC**

3600 Glenwood Avenue

Suite 100

Raleigh, NC 27612

Phone: (919) 209-1056

Bank Sponsor POC:

Jamey McEachran

Email: jmceachran@res.us

Phone: (919) 623-9889

Amy Staley

3600 Glenwood Ave, Suite 100

Raleigh, NC 27612

Email: nccreditsales@res.us

Phone: (919) 209-1055

Regulatory Bank Manager:

Mr. Steve Kichefski

Bank Manager

151 Patton Avenue

Room 208

Asheville, NC 28801

Email: Steven.L.Kichefski@usace.army.mil

Phone: (828) 271-7980 X 234

<u>Credit Type Credit Classifications Assessment Method</u>			<u>Available Credits</u>	<u>Jurisdiction</u>
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet	977.06	Federal

Notes:

Bank Name: 7 - WLS Catawba 01 UMB- Starker

Bank Type: Private Commercial

Total Acres: 30.3

Distance to impact: 30 Miles
USACE Permit No: SAW-2020-01540
Bank States: North Carolina
Bank Sponsor: **Water and Land Solutions**
7721 Six Forks Road
Suite 130
Raleigh, NC 27615
Email: info@waterlandsolutions.com
Phone: (919) 614-5111

Bank Sponsor POC:

Ms Riane Fisher
Email: Riane@waterlandsolutions.com
Phone: (239) 322-7276

Catherine Roland
7721 Six Forks Road, Suite 130
Raleigh, NC 27615
Email: catherine@waterlandsolutions.com
Phone: (571) 643-3165

Regulatory Bank Manager:

Mrs. Kim Isenhour
3331 Heritage Trade Drive
Suite 107
Wake Forest, NC 27587
Email: kimberly.t.isenhour@usace.army.mil
Phone: (919) 946-5107

<u>Credit Type</u>	<u>Credit Classifications</u>	<u>Assessment Method</u>	<u>Available Credits</u>	<u>Jurisdiction</u>
Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet	54.51	Federal

Notes:

Bank Name: 8 - Wildlands Catawba 01 UMB- Double Rock Mitigation Site

Bank Type: Private Commercial
Total Acres: 18.4
Distance to impact: 51 Miles
USACE Permit No: SAW-2020-01532
Bank States: North Carolina
Bank Sponsor: **Wildlands Holdings VI, LLC**
1430 South Mint Street
Suite 104
Charlotte, NC 28203
Phone: (704) 332-7754
Fax: (704) 332-3306

Bank Sponsor POC:

Andrea Eckardt
1430 S. Mint St
#104
Charlotte, NC 28203
Email: aeckardt@wildlandseng.com
Phone: (704) 332-7754

John Hutton
312 West Millbrook Road
Suite 225
Raleigh, NC 27609
Email: jhutton@wildlandseng.com
Phone: (919) 851-9986

Regulatory Bank Manager:

Mrs. Kim Isenhour
3331 Heritage Trade Drive
Suite 107
Wake Forest, NC 27587
Email: kimberly.t.isenhour@usace.army.mil
Phone: (919) 946-5107

<u>Credit Type</u>	<u>Credit Classifications</u>	<u>Assessment Method</u>	<u>Available Credits</u>	<u>Jurisdiction</u>
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Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet 168.19		Federal
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Notes:

Bank Name: 9 - Wildlands Catawba 01 UMB- Firestone Mitigation Site

Bank Type: Private Commercial

Total Acres: 15.9

Distance to impact: 43 Miles

USACE Permit No: SAW-2020-01534

Bank States: North Carolina

Bank Sponsor: **Wildlands Holdings VI, LLC**
1430 South Mint Street
Suite 104
Charlotte, NC 28203
Phone: (704) 332-7754
Fax: (704) 332-3306

Bank Sponsor POC:

Andrea Eckardt
1430 S. Mint St
#104
Charlotte, NC 28203
Email: aeckardt@wildlandseng.com
Phone: (704) 332-7754

John Hutton
312 West Millbrook Road
Suite 225
Raleigh, NC 27609
Email: jhutton@wildlandseng.com
Phone: (919) 851-9986

Regulatory Bank Manager:

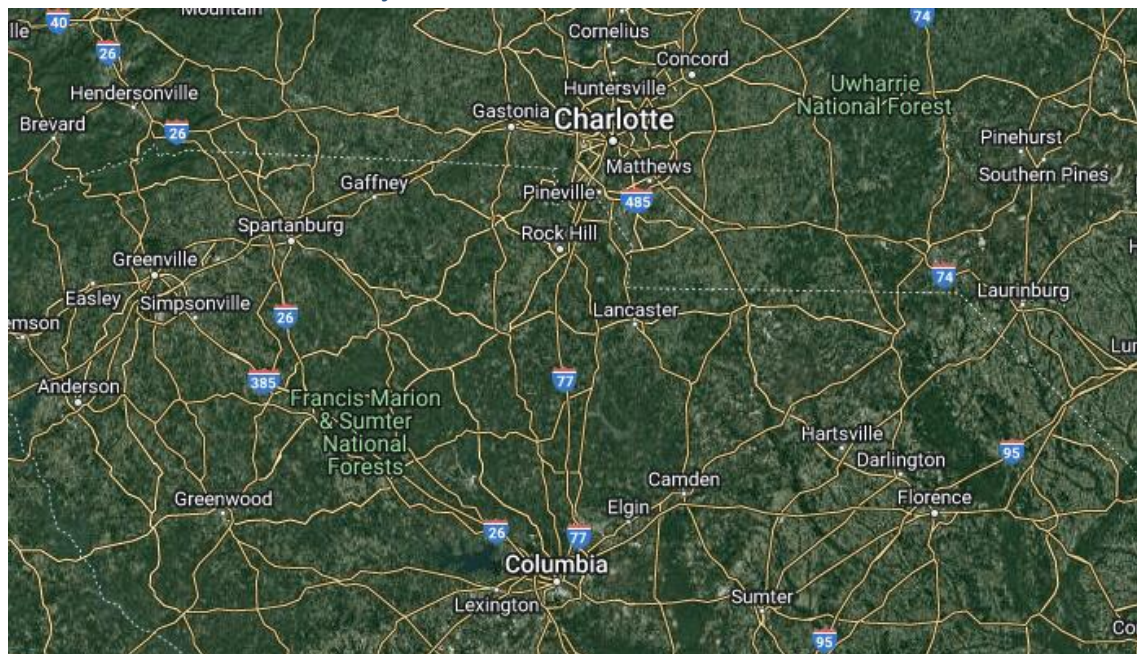
Mrs. Kim Isenhour
3331 Heritage Trade Drive
Suite 107
Wake Forest, NC 27587
Email: kimberly.t.isenhour@usace.army.mil
Phone: (919) 946-5107

<u>Credit Type</u>	<u>Credit Classifications</u>	<u>Assessment Method</u>	<u>Available Credits</u>	<u>Jurisdiction</u>
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Stream	Warm Water Stream	North Carolina Stream Quality Assessment Worksheet 688.07		Federal
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Notes:

Banks/Sites in Secondary Service Area



Bank Name: 1 - Rocky Creek Mitigation Bank

Bank Type: Private Commercial

Total Acres: 131.02

Distance to impact: 42 Miles

USACE Permit No: SAC-2014-01015

Bank States: South Carolina

Bank Sponsor: **David Norman**
 Cowland, LLC
 Post Office Drawer 62948
 Rock Hill, SC 29419-2948
 Email: dnorman@warrennorman.com
 Phone: (803) 366-8142

Bank Sponsor POC:

Judd Goff
 Red Bay Environmental
 720 Hawksbill Court
 Mount Pleasant, SC 29464
 Email: jagoff@redbayenvironmental.com
 Phone: (843) 810-3311

Regulatory Bank Manager:

Mr. Shawn A Boone
Biologist
 69-A Hagood Avenue
 Charleston, SC 29403
 Email: shawn.a.boone@usace.army.mil
 Phone: (843) 329-8044

Credit Type Credit Classifications

Assessment Method Available Credits Jurisdiction

Wetland	Freshwater Enhancement/Restoration	Charleston Method	.7	Federal
Stream	Stream Preservation	Charleston Method	622.6	Federal
Stream	Stream Restoration	Charleston Method	3823.3	Federal

Notes:

Bank Name: 2 - Sandy Fork

Bank Type: Private Commercial

Total Acres: 172.23

Distance to impact: 46 Miles

USACE Permit No: SAC 2007-01571-5MC

Bank States: South Carolina

Bank Sponsor: **RMC and Associates, LLC**
125 West Stone Avenue
Greenville, SC 29609

Bank Sponsor POC:

Richard Bates

Environmental Permitting Consultants, Inc
125 West Stone Ave
Greenville, SC 29609
Email: richard@enviropermit.com
Phone: (864) 271-3040
Fax: (864) 235-9299

Regulatory Bank Manager:

Mr. David Wilson

Project Manager

69-A Hagood Avenue
Charleston, SC 29403
Email: david.b.wilson@usace.army.mil
Phone: (843) 329-8026

Credit Type Credit Classifications Assessment Method Available Credits Jurisdiction

Stream	Stream Preservation	Ratio	5190.27	Federal
Stream	Stream Restoration	Ratio	3872.8	Federal

Notes:

Banks/Sites in Tertiary Service Area



Bank Name: 1 - Turners Branch

Bank Type: Private Commercial

Total Acres: 340.69

Distance to impact: 70 Miles

USACE Permit No: SAC-2008-00989-6NJ

Bank States: South Carolina

Bank Sponsor: **ISE Newberry, Inc.**
2063 Alexander Street
Newberry, SC 29108
Phone: (803) 276-5803

Bank Sponsor POC:

Mr. Shane Boring

JMT Inc.
3973 Southeastern Way
West Columbia, SC 29169
Email: SBoring@jmt.com
Phone: (803) 765-0070

Mr. Robby Bowen

Aquatics Restoration
GA
Email: robbybowen@windstream.net

Jim Lewis

President
Lewis Wildlife and Wetland Consulting, Inc
Post Office Box 523
White Rock, SC 29177
Email: Jim@lewiswildlife.com
Phone: (803) 394-7215

Regulatory Bank Manager:

Mr. David Wilson

Project Manager
69-A Hagood Avenue
Charleston, SC 29403
Email: david.b.wilson@usace.army.mil
Phone: (843) 329-8026

Credit Type Credit Classifications Assessment Method Available Credits Jurisdiction

Stream	Stream Preservation	Charleston Method	13623.5	Federal
Stream	Stream Restoration	STREAM	1656.05	Federal

Notes:

ILF Program Advance Credits

No results found.