



BEAUFORT COUNTY
STORMWATER MANAGEMENT UTILITY BOARD AGENDA
Wednesday, August 21st, 2:00 p.m.
County Council Chambers
Beaufort, South Carolina 843.255.2805

1. CALL TO ORDER – 2:00p.m.

In accordance with South Carolina Code of Laws, 1976, as amended, Section 30-4-80(d), all local media was duly notified of the time, date, place and agenda of this meeting.

- A. Approval of Agenda
- B. Approval of Minutes – June 19, 2024
([backup](#))

2. INTRODUCTIONS

3. PUBLIC COMMENT

4. REPORTS

- A. Utility Update – Taylor Brewer ([backup](#))
- B. Monitoring Update – Taylor Brewer ([backup](#))
- C. Stormwater Implementation Committee Report – Taylor Brewer([backup](#))
- D. Regional Coordination – Taylor Brewer (backup)
- E. Municipal Reports – Taylor Brewer (backup)
- F. Stormwater Related Projects – Taylor Brewer ([backup](#))
- G. Professional Contracts Report – Taylor Brewer ([backup](#))
- H. MS4 Update – Taylor Brewer ([backup](#))
- I. Staff Update – Taylor Brewer ([backup](#))
- J. Maintenance Projects Report – Stephen Carter ([backup](#))
- K. Liaison Report - Ms. Alice Howard

5. UNFINISHED BUSINESS

6. NEW BUSINESS

7. PUBLIC COMMENT

8. NEXT MEETING AGENDA

- A. Wednesday, October 16th ([backup](#))

9. ADJOURNMENT





Beaufort County Stormwater Management Utility Board (SWMU Board) Meeting Minutes

June 19th, 2024, at 2:00 p.m.

County Council Chambers, 100 Ribaut Rd, Beaufort, SC

Board Members

Present

James Clark
Marc Feinberg
Ed Warner
Dennis Ross

Absent

Steve Andrews
Ron Buchanan
Patrick Mitchell

Ex-Officio Members

Present

Absent

Nate Farrow
Jeff Netzing
Van Willis
Bill Baugher

Beaufort County Staff

Katie Herrera
Dafiney Butler
Taylor Brewer
Tammy Doe
Bradley Harriott
Mark Johnson

Visitors

Alice Howard, County Council
Tye Pettay-USCB
Paula Brown, County Council

1. Meeting called to order – Marc Feinberg at 2:00 pm

- A. Agenda – Approved
- B. Approval of Minutes – April 16th, 2024 -Approved

2. Introduction – Completed.

3. Public Comment(s) – Residents of Alljoy

4. Special Presentation – Crystal Muller- Stormwater Utility Fee Structure (PowerPoint)

5. Reports

Reports attached in agenda

Highlights:

A. Utility Update – Katie Herrera

- ✓ Annual Financial Report
 - Reports from the Municipalities are due, per the Intergovernmental Agreements for the utility, each year on September 30th.

B. Monitoring Update – Daniel Pettay

Highlights:

- ✓ Monitoring is ongoing. Continuing to analyze samples for the Town of Bluffton.
- ✓ Water Quality is looking to hire a Lab Manager.

C. Stormwater Implementation Committee (SWIC) Report – Katie Herrera

Highlights:

- ✓ Staff provided an updated FY25 SWIC memo on 4/23/2024. A presentation by Woolpert on the proposed tax run changes was held for all municipal partners on 5/7/2024.

D. Regional Coordination – Katie Herrera

1. Alljoy

- a. Waiting for County Council representative to confirm a meeting date. Beaufort County was awarded \$187,500 for a drainage study, with a \$62,500 match from the stormwater funds. On the 6/24/2024 agenda for Public Facilities for the Interim County Administrator to be able to sign

b. **Stormwater Related Projects – Katie Herrera**

Highlights:

- ✓ Staff is working on easement requests and meets monthly to review the status of all new easement acquisitions.
- ✓ Staff continually works numerous drainage related complaints each month
 - Shell Point Community
 - Surveying has been completed on 3 of the 8 projects
 - As of 4/1/2024, the FY25 appropriations request form through Senator Lindsey Graham’s office is not yet open.
 - As of 4/1/2024, there is no movement on the FEMA funded grant request.

c. **Professional Contracts Report – Taylor Brewer**

Highlights:

- ✓ Brewer Memorial – Open house planning in the works, will showcase BMPs, Valentina to plan
- ✓ Stormwater engineering consulting services – Woolpert
 - 1) TO #17 – Plan Review allocated funds through FY24 \$11,457.50.
 - 2) TO #21 – New continuous monitoring station install, and O&M. Beaufort County will be collaborating with DNR, Port Royal Foundation and other local MS4s to analyze the best location for the next continuous monitoring station installation. Allocated funds - \$94,589.73.

d. **Municipal Reports**

Highlights:

- ✓ Town of Hilton Head (From Jeff Netzinger, Stormwater Manager, and Jacob Terry, MS4 Coordinator)

- No information was available at this time.
- ✓ Town of Bluffton (From Kim Jones, Watershed Management Division Director)
 - No information was available at this time.
- ✓ City of Beaufort (From Nate farrow, Public Works Director)
 - No information was available at this time.

e. **MS4 Update** – Taylor Brewer

Highlights:

- ✓ Plan Review – steady influx.
- ✓ Stormwater Permits
- ✓ Monthly Inspection summary – staying very busy, team is excited about keeping in compliance.

Staff Update: Welcome our new Environmental Educator Coordinator – Valentina Palacio Ruiz

f. **Maintenance Projects Report** – Bradley Harriot

Highlights:

- ✓ Major projects:
 - Bradley Circle-Hilton Head Island
 - Luther Warren Drive- St. Helena Island
 - 792 Sea Island Parkway- St. Helena Island

g. **Liaison Report** – Alice Howard

- i. Working with Paula Brown regarding residents concerns

Unfinished Business –

- ✓ No updates as of now.

2. **New Business-**

- 1. Mark Johnson- Tuxedo Park Project was approved.

3. **Public Comment.**

- 1. Residents of Alljoy

4.Meeting Adjourned

- 1. Meeting adjourned at 3:50pm



**BEAUFORT COUNTY
STORMWATER UTILITY**
120 Shanklin Road
Beaufort, South Carolina 29906
Voice (843) 255-2805 Facsimile (843) 255-9436



July 2024

Utility Update

1. Reminder: Annual Financial report from the Municipalities are due – Per the Intergovernmental Agreements for the Utility, each year on September 30th, the City and Towns are required to submit a summary of revenue and expenditures for the previous fiscal year.
 - a. Beaufort County – Not Received.
 - b. Town of Hilton Head Island – Received.
 - c. Town of Bluffton – Not Received.
 - d. Town of Port Royal – Not Received.
 - e. City of Beaufort – Not Received.
2. Woolpert is working on the scope for fee revision in TY25.
3. SoLoCo Technical Subcommittee meeting was held on June 28th to discuss updates to the manual. Draft response to those comments to be provided back to engineers and public for additional comment before bringing to SWUB members for review and approval.
4. Special Presentations
 - a. October Meeting – Courtney Kimmel, Port Royal Sound Foundation
 - b. December Meeting – TBD, possibly Charlie Sullivan with WaPro.
5. Budget concurrence letters have all been received for FY25.
6. Tax Year 2024 SWU Credit letters have all been mailed out. Deadline for providing back to Stormwater Manager is July 31st.

Monitoring Update

1. [See attached report.](#)

Stormwater Implementation Committee (SWIC) Report

1. CWI reports are in final draft mode and will be sent to municipal partners prior to the September 1st deadline.

Regional Coordination

1. Old Woodlands
 - a. Report is being reviewed in preparation to go out to bid.
2. Alljoy
 - a. Staff worked with SC RIA staff and procurement to get all documentation in order, drainage study went out to bid 8/2/2024. All documentation on the County's end has been signed and mailed back to the SC RIA staff.
3. Okatie River Study
 - a. Staff working with Town of Bluffton to conduct a study on the Okatie, very similar to what was done with the May. The study should establish background data, include analysis of current conditions and make correlations between the two that could direct future zoning regulations.

**BEAUFORT COUNTY
STORMWATER UTILITY
120 Shanklin Road
Beaufort, South Carolina 29906
Voice (843) 255-2805 Facsimile (843) 255-9436**

Municipal Reports

1. Town of Hilton Head Island (From Jeff Netzing, Stormwater Manager and Jacob Terry, MS4 Coordinator)
 - i. No information was available at time of report.
2. Town of Bluffton (From Kim Jones, Watershed Management Division Director)
 - i. [See attached Report.](#)
3. City of Beaufort (From Nate Farrow, Public Works Director)
 - i. No information was available at the time of this report.
4. Town of Port Royal (From Van Willis, Town Manager and Tony Maglione, consultant)
 - i. No information was available at the time of this report.

Stormwater Related Projects

1. Easements – Staff is working on easement requests and meets monthly to review status of each as well as any new easement acquisitions.
2. Complaints – Staff continually works numerous drainage related complaints each month.
 - a. Shell Point Community
 1. Received one bid for construction. Approval will be on the Public Facilities Committee agenda for September.
 2. Staff waiting on approval of Senatorial earmark request through Lindsey Graham’s office.
 3. Staff have been working with SCEMD staff to provide updated cost estimate information for the project, exact numbers for federal funding and local match will come from HQ in Washington, DC soon.
3. Factory Creek Watershed Regional Detention Basin “Phase II” – Staff continue to work with Attorneys to bring to close.
4. On Call Stormwater infrastructure services – J.H. Hiers
 - a) Tuxedo Park – Staff to get task order approval at the September PFC meeting, followed by County Council in early September.
 - b) Hickory Hill – Staff getting approval on cost at the September PFC meeting.
5. Arthur Horne Park- USDA staff writing Scope of Work for review and approval to obtain a federal contractor to begin design work. South Carolina USDA staff waiting for approval on the Scope of Services approval to begin planning work for the project.

Professional Contracts Report

1. Stormwater engineering consulting services – Woolpert
 - a) TO #25 – Plan Review
 - b) TO #26 – Continuous monitoring station O&M. Beaufort County will be collaborating with DNR, Port Royal Sound Foundation and other local MS4s to analyze the best location for the next continuous monitoring station installation. Allocated funds - \$94,589.73

**BEAUFORT COUNTY
STORMWATER UTILITY**

120 Shanklin Road

Beaufort, South Carolina 29906

Voice (843) 255-2805 Facsimile (843) 255-9436

- c) TO #23 – Stormwater Utility
 - Fee Assessment Restructure
 - Tax Run TY24
- d) GIS back to handling aerial flyovers through internal contract

MS4 Report

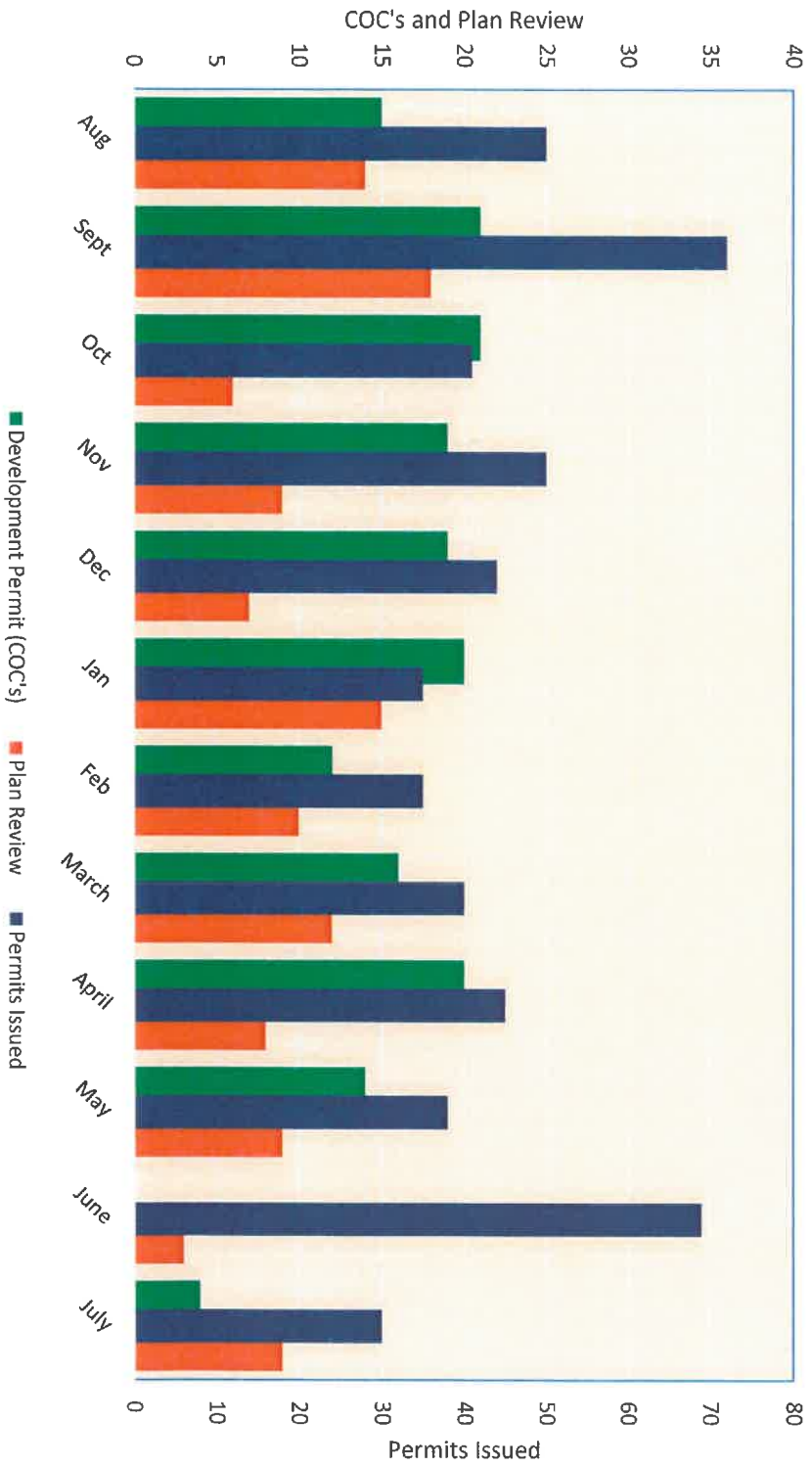
1. Plan Review – [See the attached chart](#) for Beaufort County Stormwater staff plan review workload for the past 12 months.
2. Stormwater Permits – [See the attached chart](#) for Beaufort County Stormwater permits issued for the past 12 months.
3. Monthly Inspection summary - [See the attached chart](#) for Beaufort County Stormwater staff inspection, complaint, IDDE, and violations summary for the past 12 months.
4. Public Education – [See attached report.](#)
5. MS4 Statewide General permit – EPA has provided comments to SCDOT’s MS4 permit.

Staff Update

1. I would like to personally thank all members of the Stormwater team for all of their hard work in Fiscal Year 2024. It is a thankless job to do what everyone on our team does day in and day out in service of the Community. Without all members of Stephen Carter’s team, no work would be completed. Without Johanna and Dafiney, reports would not be completed, and management staff would be in a serious hole. Without Tammy, the financial aspect of our program would overwhelm even the most seasoned staff. Without Taylor and her team, the County would be out of compliance with its permit. As we move into Fiscal Year 2025, there is no break, and in fact, the workload speeds up. From the CWI reports to municipalities, the tax run, issuing new contracts and purchase orders, without the amazing members of the Stormwater team, this program would come to a screeching halt. Thank you to everyone who keeps the second largest section of Public Works running as efficiently as it does.

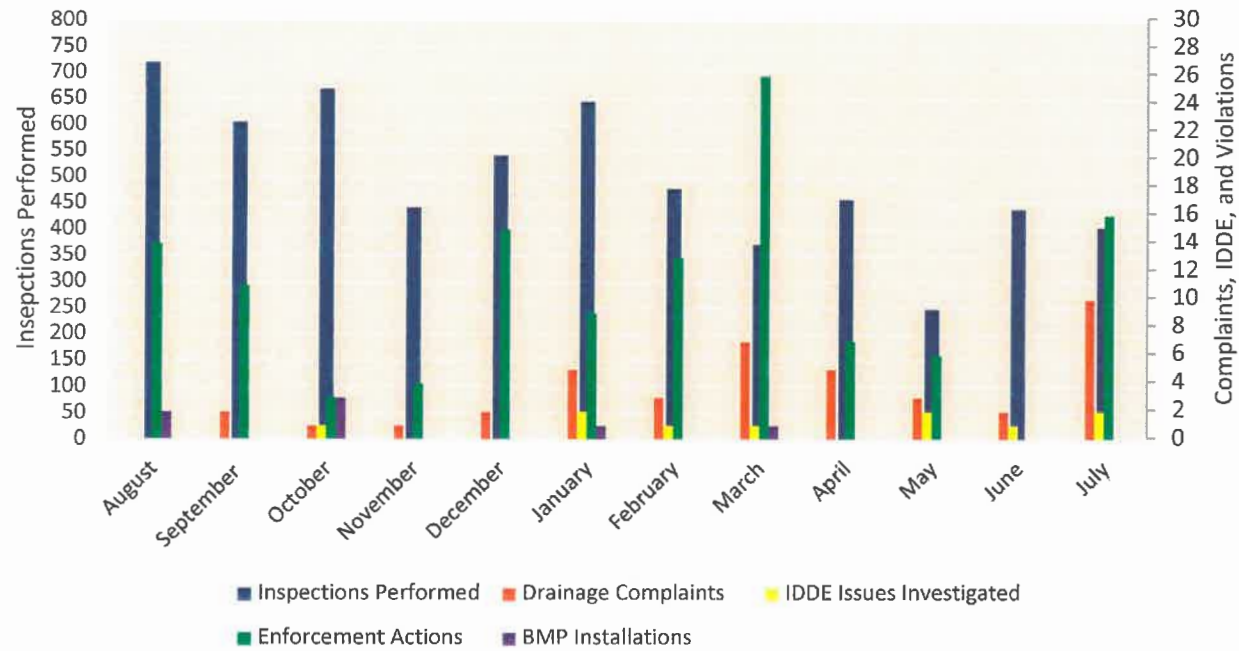
With Humble Appreciation – Katie Herrera, former Assistant Public Works Director - Environmental

MS4 Minimum Control Measure #5 Stormwater Plan Review



TYPE	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Last 12 Months
Development Permit (COC's)	15	21	21	19	19	20	12	16	20	14	0	4	181
Plan Review	14	18	6	9	7	15	10	12	8	9	3	9	120
Permits Issued	50	72	41	50	44	35	35	40	45	38	69	30	549

MS4 Minimum Control Measure #4 Sediment & Erosion Control Inspections



TYPE	August	September	October	November	December	January	February	March	April	May	June	July	Last 12 Months
Inspections Performed	720	605	669	442	541	645	478	372	457	248	439	404	6020
Drainage Complaints	0	2	1	1	2	5	3	7	5	3	2	10	41
IDDE Issues Investigated	0	0	1	0	0	2	1	1	0	2	1	2	10
Enforcement Actions	14	11	3	4	15	9	13	26	7	6	0	16	124
BMP Installations	2	0	3	0	0	1	0	1	0	0	0	0	7

Lowcountry Stormwater Partners Monthly Report

July 2024

Program	Program Year	Progress	Date Completed	Impact
Promote the dog poop pledge during at least three (3) festivals.	2024	Complete	4/20/24 4/24/24 4/28/24 5/4/24 6/29/24 7/17/27	11
Ensure there are a minimum of three (3) dog poop pledge sign-up areas outside of festivals, such as environmental education offices, public parks, animal shelters, and/or vet offices.	2024	In progress <i>One in the Beaufort Clemson Extension Office (complete)</i> <i>One in Soil and Water Conservation District (complete)</i> <i>One in Hunting Island State Park (complete)</i>		
Distribute the dog poop infographic and dog poop bags to partners and private citizens upon request and at applicable events with the understanding that attendees will receive these items after signing the dog poop pledge.	2024	Ongoing		
Print a minimum of one dog poop or dog poop pledge sign and distribute to partners who wish to receive them annually. Print additional dog poop or dog poop pledge signage for partner use upon request.	2024	In progress		
Should timing and multiple schedules allow, film and broadcast a dog poop pledge promo video for the County Channel and/or Gas Station TV.	2024			
Assess the possibility of local digital billboards with messaging stressing the connection between dog poop and bacterial pollution.	2024	In progress		
Provide a minimum of three (3) EnviroScape demonstrations.	2024	Complete	3/25/24 4/25/24 4/28/24 4/30/24 5/29/24	
Provide the “Be Septic Safe: A User’s Guide to Taking Care of Business,” the Be Septic Safe factsheets, and the Be Septic Safe website sticker/magnet (which includes automatic septic maintenance reminder emails) upon request and at all Be Septic Safe workshops.	2024	Complete		
Distribute Be Septic Safe materials at one (1) festival.	2024	Complete <i>Will also be present at Shrimp Fest and OktoPRFest</i>	6/29/24 7/17/24	11

Participate in US EPA's Be Septic Smart Week annually through actions such as social media campaigns, newspaper articles, Be Septic Safe material giveaways, and/or webinars/workshops.	2024	In progress <i>Occurs in September</i>		
Host a Be Septic Safe workshop or webinar.	2024	In progress <i>Scheduling</i>		
Create a Be Septic Safe rack card. Distribute it at subsequent Be Septic Safe workshops and upon request.	2024	In progress		
Create a Be Septic Safe door hanger. Distribute it at subsequent Be Septic Safe workshops to County/Municipal Inspectors who will give them to the target audience, to willing septic system contractors who will give them to the target audience, and upon request.	2024	In progress		
Continue to provide and promote Clemson's CEPSCI, CSPR, and Post-Construction BMP Inspector courses.	2024	Complete		
Create an LSP-specific version of the Clemson Extension Lot Erosion rack card and SC DOT booklet and distribute them at subsequent Silt Fence and Beyond workshops, at applicable events, to Municipal/County stormwater inspectors who will give them to the target audience, and upon request.	2024	In progress		
Provide the LSP River Buffer resource packet, Clemson HGIC shoreline factsheets, Life Along the Water's Edge book, and aquatic plant lists to the target audience during site visits, at applicable events and workshops, and upon request.	2024	Ongoing		
Create native plant seed mix packets and a Vegetated Buffer rack card for distribution to the target audience and partners upon request and at appropriate events.	2024	In progress <i>Evaluating available native seed mixes</i>		
Continue to provide and promote Clemson Extension's Master Pond Manager Course, Salt Marsh Short Course, Living Shorelines Program, and the Carolina Yards program.	2024	Complete	5/31/24	
Print a minimum of one vegetated buffer sign and distribute it to partners who wish to receive it annually. Print additional vegetative buffer signs for partner use upon request.	2024	Complete	6/28/24	
Provide the BMP rack cards, BMP factsheets, Homeowners Guide to Rainwater Harvesting, the Guide to Rain Garden, and plant lists at applicable events such as the SCASM showcase and Hilton Head Homebuilder's Show and to professional organizations such as the Chamber of Commerce, Hilton Head Homebuilders Association, Southern Homebuilders, the	2024			

Economic Development Board to distribute to the target audience. Also, provide these materials upon partners' and target audience's request.				
Continue to provide and promote Clemson Extension's Master Pond Manager, Master Rain Gardener, Post-Construction BMP Inspector, Living Shoreline, and Salt Marsh Short Course.	2024	Complete <i>Present in the February + July Changing Tides Newsletter</i>		
Print a minimum of one LID sign and distribute it to partners who wish to receive it annually. Print additional LID signs for partner use upon request.	2024	Complete	6/28/24	
Provide the BMP rack cards, BMP factsheets, Homeowners Guide to Rainwater Harvesting, the Guide to Rain Garden, and plant lists to the target audience during site visits, at applicable events and workshops, and upon request.	2024	Ongoing		
Host a local Cultivating a Carolina Yards Workshop.	2024	In progress <i>Scheduled for 8/15/24</i>	5/22/24	
Host a Rain Barrel Sale.	2024	In progress		
Host quarterly LSP Consortium meetings.	2024	In progress <i>Scheduled for 9/17/24, 11/19/24</i>	2/3/24 5/14/24	11
Publish the Changing Tides.	2024	In progress	2/8/24 3/15/24 5/16/24 7/10/24	165
Publish in The Island Packet.	2024	In progress	2/11/24 4/7/24 6/10/24	
Publish the LSP Annual Report.	2024	Complete	3/15/24	
Host four Adopt-A-Stream training workshops.	n/a	In-progress	2/10/24	
Host a pond workshop.	n/a	Complete	1/29/24	
Host a buffer workshop.	2025	Complete		
Host a rain garden maintenance workshop.	2025	Complete	1/23/24	
Presentation on Water Conservation, Sustainable Landscaping, and Carolina Yards to Preserve at Indigo Run Board		Complete	6/27/24	
Maritime Days at PRSF		Complete	6/29/24	
4-H2O Summer Camp	n/a	Complete	7/8-10/24	6



MEMORANDUM

Date: August 1, 2024

To: Stormwater Management Utility Board

From: Stephen Carter, Stormwater Infrastructure Superintendent

Re: **Maintenance Project Report**

This report will cover two major projects and eight minor or routine projects. The Project Summary Reports are attached.

Major Projects:

- **Irongate Subdivision – Port Royal Island (6,9):** This project improved 14,752 linear feet of drainage system. The scope of work included cleaning out 5,586 linear feet of roadside ditch, 366 linear feet of channel, 8,800 linear feet of valley drains and jetting (17) driveway pipes. The total cost was **\$42,378.09**.
- **Community Center Road Channel – Port Royal Island (6,9):** This project improved 651 linear feet of drainage system. The scope of work included grubbing, clearing and cleaning out 651 linear feet of channel and installing (1) bleeder pipe. The total cost was **\$29,436.71**.

Minor or Routine Projects:

- **St Helena Island Bush Hog – St. Helena Island (8):** This project improved 123,533 linear feet of drainage system. The scope of work included bush hogging 108,835 linear feet of channel and 19,752 linear feet of roadside ditch. The total cost was **\$77,561.83**.
- **ToHHI Vacuum Truck – ToHHI (3):** This project improved 223 linear feet of drainage system. The scope of work included cleaning out (4) catch basins and jetting (1) crossline pipe, (12) driveway pipes and 223 linear feet of channel pipe. The total cost was **\$5,487.48**.
- **Pond Maintenance – Lady’s Island (7), Bluffton (4), Port Royal Island (6):** The scope of work included grubbing, clearing and bush hogging perimeters of ponds, repairing a weir, dewatering a pond and installing rip rap for erosion control. The total cost was **\$43,677.38**.
- **Bluffton Vacuum Truck – Bluffton (4):** This project improved 24 linear feet of drainage system. The scope of work included cleaning out (23) catch basins and jetting 24 linear feet of roadside pipe. The total cost was **\$6,464.47**.
- **LH Nelson Subdivision – Port Royal Island (6,9):** This project improved 10,942 linear feet of drainage system. The scope of work included cleaning out 9,219 of roadside ditch and

1,723 linear feet of channel and jetting (13) driveway pipes. The total cost was **\$13,636.03**.

- **Cardinal Road – ToHHI (3):** This project improved 1,319 linear feet of drainage system. The scope of work included cleaning out 1,319 of roadside ditch and jetting (18) driveway pipes. The total cost was **\$6,580.68**.
- **Sugaree Drive and Rosales Lane Channel – Bluffton (4):** This project improved 403 linear feet of drainage system. The scope of work included grubbing, clearing and cleaning out 403 linear feet of channel. The total cost was **\$9,322.19**.
- **Baynard Road Channel – Port Royal Island (6):** This project improved 475 linear feet of drainage system. The scope of work included cleaning out 475 of channel. The total cost was **\$1,511.10**.



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Activity: Routine/Preventive Maintenance

Duration: 03/04/2024 - 06/17/2024

Narrative Description of Project:

Project improved 14,752 L.F. of drainage system. Cleaned out 5,586 L.F. roadside ditch, 366 L.F. channel and 8,800 L.F. of valley drains. Jetted (17) driveway pipes.

2024-558 / Irongate S/D - Irongate Drive and Blacksmith Circle	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	9.00	\$203.30	\$0.00	\$0.00	\$0.00	\$203.30
CCO / Channel - cleaned out	22.00	\$499.32	\$2,341.30	\$0.00	\$0.00	\$2,840.62
COVD / Cleaned Out Valley Drains	40.00	\$940.56	\$849.60	\$0.00	\$0.00	\$1,790.16
DPJT / Driveway Pipe - Jetted	5.00	\$134.35	\$388.95	\$20.00	\$0.00	\$543.30
HAUL / Hauling	144.00	\$3,035.04	\$11,316.96	\$0.00	\$0.00	\$14,352.00
HEQ / Haul equipment	35.00	\$844.40	\$102.16	\$0.00	\$0.00	\$946.56
ONJV / Onsite Job Visit	52.00	\$1,647.52	\$675.96	\$0.00	\$0.00	\$2,323.48
PA / Project Assit	24.00	\$527.44	\$1,225.12	\$0.00	\$0.00	\$1,752.56
RSDCL / Roadside Ditch - Cleanout	250.00	\$5,213.72	\$11,782.37	\$0.00	\$0.00	\$16,996.09
STAGING / Staging Materials/Equipment	12.00	\$277.98	\$100.86	\$0.00	\$0.00	\$378.84
TRAIN / Training	8.00	\$122.00	\$0.00	\$0.00	\$0.00	\$122.00
UTLOC / Utility locates	6.00	\$129.18	\$0.00	\$0.00	\$0.00	\$129.18
Grand Total	607.00	\$13,574.81	\$28,783.28	\$20.00	\$0.00	\$42,378.09

(Before)



(During)



(After)





Project: Irongate S/D- Irongate Drive and Blacksmith Circle Map #1

Activity: Routine/ Preventive Maintenance

Project #: 2024-558

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024

Legend

Drainage Type

- Access Pipe
- Bleeder Pipe
- Channel Pipe
- Channel
- Stream
- Crossline Pipe
- Driveway Pipe
- Lateral
- Lateral Pipe
- River
- Road Pipe
- Roadside
- Roadside Pipe

0 30 60 120 180 240 Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility
Date Print: 07/05/24

File: C:\project summaries map\Irongate S/D- Irongate Drive and Blacksmith Circle Map #1_2024-558



Project: Irongate S/D- Irongate Drive and Blacksmith Circle
Map #2

Activity: Routine/
Preventive
Maintenance














Project #:
2024-558

Township/SW Dist:
Port Royal Island/6,9

Completed:
June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

02550 100150200
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print:07/05/24

File:C:\project summaries map\Irongate S/D- Irongate Drive, Blacksmith Circle and Hummingbird Drive Map #2_2024-558



Project: Irongate S/D- Irongate Drive and Blacksmith Circle Map #3

Activity: Routine/ Preventive Maintenance














Project #: 2024-558

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

01 20 40 60 80
 Feet

1 inch = 100 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/05/24

File: C:\project summaries map\Irongate S/D- Irongate Drive, Blacksmith Circle and Hummingbird Drive Map #3_2024-558



Project: Irongate S/D- Irongate Drive and Blacksmith Circle Map #4

Activity: Routine/ Preventive Maintenance














Project #: 2024-558

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



Project: Irongate
S/D- Irongate Drive
and Blacksmith Circle
Map #5

Activity: Routine/
Preventive
Maintenance














Project #:
2024-558

Township/SW Dist:
Port Royal Island/6,9

Completed:
June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

02550 100150200
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print:07/05/24

File:C:\project summaries map/Irongate S/D- Irongate Drive, Blacksmith Circle and Hummingbird Drive Map #5_2024-558



Project: Irongate
S/D- Irongate Drive
and Blacksmith Circle
Map #6

Activity: Routine/
Preventive
Maintenance

Project #:
2024-558

Township/SW Dist:
Port Royal Island/6,9

Completed:
June 2024

Legend

Drainage Type

- Access Pipe
- Bleeder Pipe
- Channel Pipe
- Channel
- Stream
- Crossline Pipe
- Driveway Pipe
- Lateral
- Lateral Pipe
- River
- Road Pipe
- Roadside
- Roadside Pipe

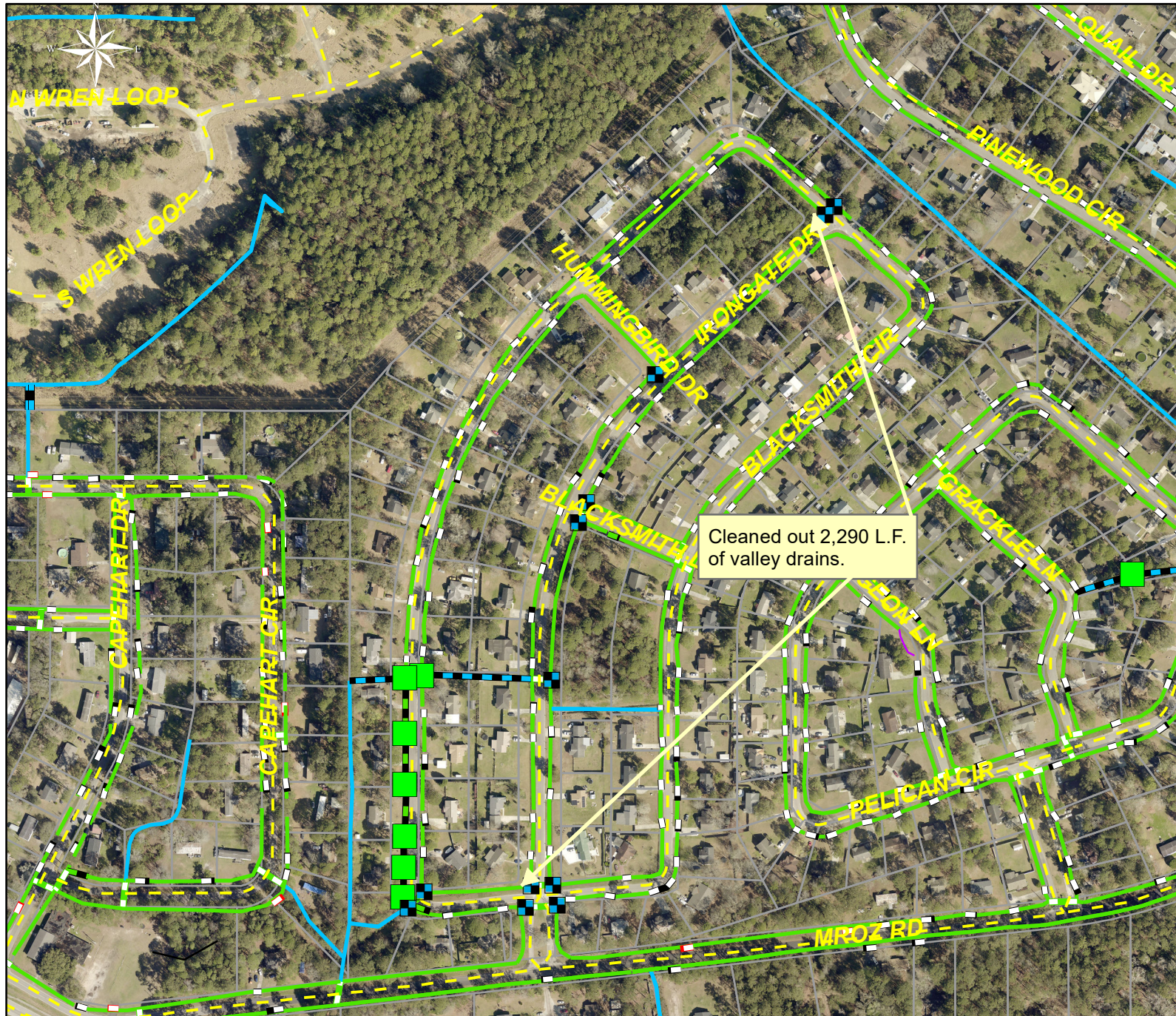
02550 100150200
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print:07/05/24

File:C:\project summaries map\Irongate S/D- Irongate Drive, Blacksmith Circle and Hummingbird Drive Map #6_2024-558



Project: Irongate S/D- Irongate Drive and Blacksmith Circle
Map #7

Activity: Routine/ Preventive Maintenance














Project #: 2024-558

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



Project: Irongate S/D- Irongate Drive and Blacksmith Circle Map #8

Activity: Routine/ Preventive Maintenance









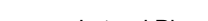



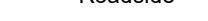
Project #: 2024-558

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0150 60 90 120
 Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print:07/05/24

File:C:\project summaries map\Irongate S/D- Irongate Drive, Blacksmith Circle and Hummingbird Drive Map #8_2024-558



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Community Center Road Channel

Activity: Routine/Preventive Maintenance

Duration: 06/05/2024 - 06/14/2024

Narrative Description of Project:

Project improved 651 L.F. of drainage system. Grubbed and cleared 651 L.F. of workshelf, cleaned out 651 L.F. of channel and installed (1) bleeder pipe.

2024-572 / Community Center Road Channel	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	5.00	\$110.95	\$0.00	\$0.00	\$0.00	\$110.95
CCO / Channel - cleaned out	32.00	\$733.52	\$965.82	\$287.20	\$0.00	\$1,986.54
CLJS / Cleaned up jobsite	44.00	\$982.60	\$2,675.16	\$0.00	\$0.00	\$3,657.76
HAUL / Hauling	56.00	\$1,116.64	\$4,401.04	\$2,365.20	\$0.00	\$7,882.88
ONJV / Onsite Job Visit	20.00	\$650.00	\$235.00	\$0.00	\$0.00	\$885.00
WSGRB / Workshelf - Grubbed	141.00	\$3,243.74	\$11,669.84	\$0.00	\$0.00	\$14,913.58
Grand Total	298.00	\$6,837.45	\$19,946.86	\$2,652.40	\$0.00	\$29,436.71

(Before)



(During)



(After)



Project: Community Center Road Channel

Activity: Routine/ Preventive Maintenance

Project #: 2024-572

Township/SW Dist: Port Royal Island/6,9

Completed: June 2024



Grubbed, cleared and cleaned out 651 L.F. of channel. Installed (1) Bleeder pipe.

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

0 20 40 80 120 160 Feet

1 inch = 130 feet

Prepared By: BC Stormwater Management Utility

Date Print:07/18/24

File:C:\project summaries map\Community Center Road Channel_2024-572



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: St. Helena Island Bush Hog

Activity: Routine/Preventive Maintenance

Duration: 04/25/2023 - 06/17/2024

Narrative Description of Project:

First Rotation: 04/25/23-06/17/24 Project improved 123,533 L.F. of drainage system. Bush hogged 108,835 L.F. of channel and 19,752 L.F. of roadside ditch. This project consisted of the following areas: Orange Grove Road (5,565 L.F.), James D Washington Road (400 L.F.), Jack Johnson Drive (2,000 L.F.), Bridgewood Road (1,150 L.F.), Storyteller Road (1,010 L.F.), Sycamore Street (2,949 L.F.), David Green Road (2,250 L.F.), Scott Ball Field (3,430 L.F.), Candy Johnson Drive (3,200 L.F.), Scott Hill Road (2,501 L.F.), Peaches Hill Circle (14,835 L.F.), Wiggfall Road (500 L.F.), Adam Church (570 L.F.), No Man Land Road (770 L.F.), Toomer Road (5,000 L.F.), Tombee Road (8,350 L.F.), Archer Fields Lane (2,020 L.F.), Kelis Lane (5,655 L.F.), Ephraim Road (1,834 L.F.), White Sands Circle (4,608 L.F.), Luther Warren Drive (1,065 L.F.), Seaside Road (2,870 L.F.), Folly Road (4,208 L.F.), Simmons Road (3,082 L.F.), Ann Fripp (2,039 L.F.), Nathan Pope Rope (4,902 L.F.), Langford Road (670 L.F.), Cee Cee Road (800 L.F.), Shiney Road (1,250 L.F.), Shed Road (920 L.F.), Dulamo Road (260 L.F.), Bible Camp Road (1,742 L.F.), Halifax Drive (10,051 L.F.), Polowana Road (2,700 L.F.), Highway 21 Drop Off Center (1,700 L.F.), Ball Park Road (5,404 L.F.), James Grant Road (2,230 L.F.), Mattis Drive (1,231 L.F.), Major Road (2,020 L.F.), Warsaw Island Road (5,339 L.F.), Gardner Drive (320 L.F.), Patchwork Lane (856 L.F.), JB Lane (1,557 L.F.), Ernest Drive (3,100 L.F.), 757 Sea Island Parkway (950 L.F.), Pea Patch Road (3,146 L.F.), Wesley Felix Park (342 L.F.).

2024-300 / St Helena Bush hog 2024-300

	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total	Cost
AUDIT / Audit Project	11.00	\$244.09	\$0.00	\$0.00	\$0.00		\$244.09
CBH / Channel- bushhogged	732.00	\$27,083.95	\$16,561.65	\$707.37	\$21,400.00		\$65,752.97
EQMAINT / Equipment Maintenance	8.00	\$215.12	\$94.00	\$0.00	\$0.00		\$309.12
NONPRO / Non-Professional Services	0.00	\$0.00	\$0.00	\$0.00	\$2,600.00		\$2,600.00
ONJV / Onsite Job Visit	20.00	\$650.00	\$235.00	\$0.00	\$0.00		\$885.00
RDBH / Roadside ditch - bushhogged	128.00	\$4,807.76	\$2,886.03	\$76.86	\$0.00		\$7,770.65
Grand Total	899.00	\$33,000.92	\$19,776.68	\$784.23	\$24,000.00		\$77,561.83

Before



During

(No Picture Available)

After





Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: ToHHI Vacuum Truck
Simmons Road, Arrow Road and Indian Trail.

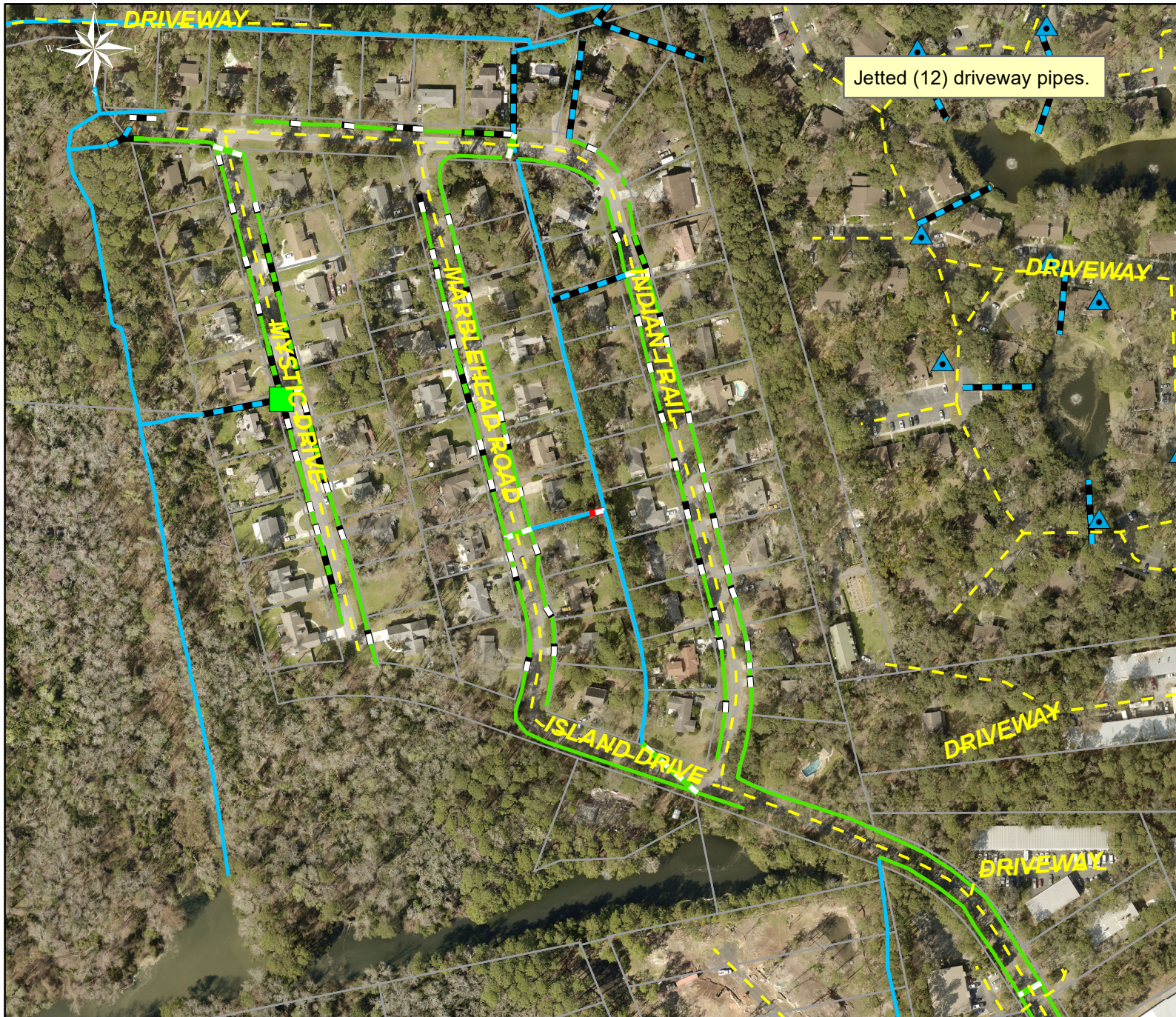
Activity: Routine/Preventive Maintenance
Duration: 07/21/2023 - 07/10/2024

Narrative Description of Project:

Project improved 223 L.F. of drainage system. Cleaned out (4) catch basins. Jetted (1) crossline pipe, (12) driveway pipes and 223 L.F. of channel pipe.

2024-311 / ToHHI Vacuum Truck	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	5.00	\$128.90	\$0.00	\$0.00	\$0.00	\$128.90
CBCO / Catch basin - clean out	28.00	\$885.95	\$1,089.06	\$15.00	\$0.00	\$1,990.01
CPJ / Channel Pipe - Jetted	16.00	\$450.32	\$622.32	\$15.00	\$0.00	\$1,087.64
DPJT / Driveway Pipe - Jetted	40.00	\$1,243.82	\$1,017.12	\$20.00	\$0.00	\$2,280.94
Grand Total	89.00	\$2,708.98	\$2,728.50	\$50.00	\$0.00	\$5,487.48

(No Pictures Available)



Project: ToHHI
 Vacuum Truck- Old
 Woodlands Subdivision-
 Indian Trail
 Map #1

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-311

Township/SW Dist:
 ToHHI/3

Completed:
 July 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

037.575 150 225 300
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\ToHHI Vacuum Truck- Old Woodlands S/D- Indian Trail Map #1_2024-311



Project: ToHHI
 Vacuum Truck- Arrow
 Road
 Map #2

Activity: Routine/
 Preventive
 Maintenance














Project #:
 2024-311

Township/SW Dist:
 ToHHI/3

Completed:
 July 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 140 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\ToHHI Vacuum Truck- Arrow Road Map #2_2024-311



Project: ToHHI
 Vacuum Truck-
 Simmons Road
 Map #3

Activity: Routine/
 Preventive
 Maintenance














Project #:
 2024-311

Township/SW Dist:
 ToHHI/3

Completed:
 July 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0 20 40 80 120 160
 Feet

1 inch = 100 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\ToHHI Vacuum Truck- Simmons Road Map #3_2024-311



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Pond Maintenance - Bluffton Skate Park, Oscar Frazier Pond, Davis Pond, Burton Wells Pond, Tuxedo Dr Pond and Okatie Pond.

Activity: Pond Maintenance

Duration: 07/25/2023 - 05/31/2024

Narrative Description of Project:

Grubbed, cleared and bush hogged perimeters of pond. Repaired weir. Installed rip rap for erosion control. Dewatered pond to correct elevation.

2024-320 / Pond Maintenance - Bluffton Skate Park, Oscar Frazier Pond, Davis Pond, Burton Wells Pond, Tuxedo Pond and Okatie Pond.

	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	4.00	\$103.12	\$0.00	\$0.00	\$0.00	\$103.12
BUSHGEN / Bush Hog - General	0.00	\$0.00	\$0.00	\$0.00	\$6,800.00	\$6,800.00
DWP / Dewatered Pond	16.00	\$435.04	\$402.12	\$0.00	\$0.00	\$837.16
GACA / Grubbed and Cleared	38.00	\$1,106.36	\$314.77	\$0.00	\$7,500.00	\$8,921.13
HAUL / Hauling	32.00	\$1,116.24	\$2,514.88	\$5,579.43	\$0.00	\$9,210.55
HEQ / Haul equipment	8.00	\$167.12	\$102.16	\$0.00	\$0.00	\$269.28
ONJV / Onsite Job Visit	16.00	\$842.40	\$188.00	\$0.00	\$0.00	\$1,030.40
PDBH / Ponds - bushhogged	64.00	\$2,003.84	\$1,282.01	\$0.00	\$0.00	\$3,285.85
PGC / Pond - Grubb and Clear	0.00	\$0.00	\$0.00	\$0.00	\$8,900.00	\$8,900.00
PM / Ponds - Maintenance	24.00	\$579.12	\$102.16	\$310.11	\$2,250.00	\$3,241.39
STAGING / Staging Materials/Equipment	31.00	\$883.89	\$194.62	\$0.00	\$0.00	\$1,078.51
Grand Total	233.00	\$7,237.13	\$5,100.72	\$5,889.54	\$25,450.00	\$43,677.38

Before



During

(No Picture Available)

After





Project: Pond Maintenance-
Davis Pond
Map #1

Activity: Pond Maintenance














Project #:
2024-320

Township/SW Dist:
Lady's Island/7

Completed:
May 2024

Legend

Drainage Type

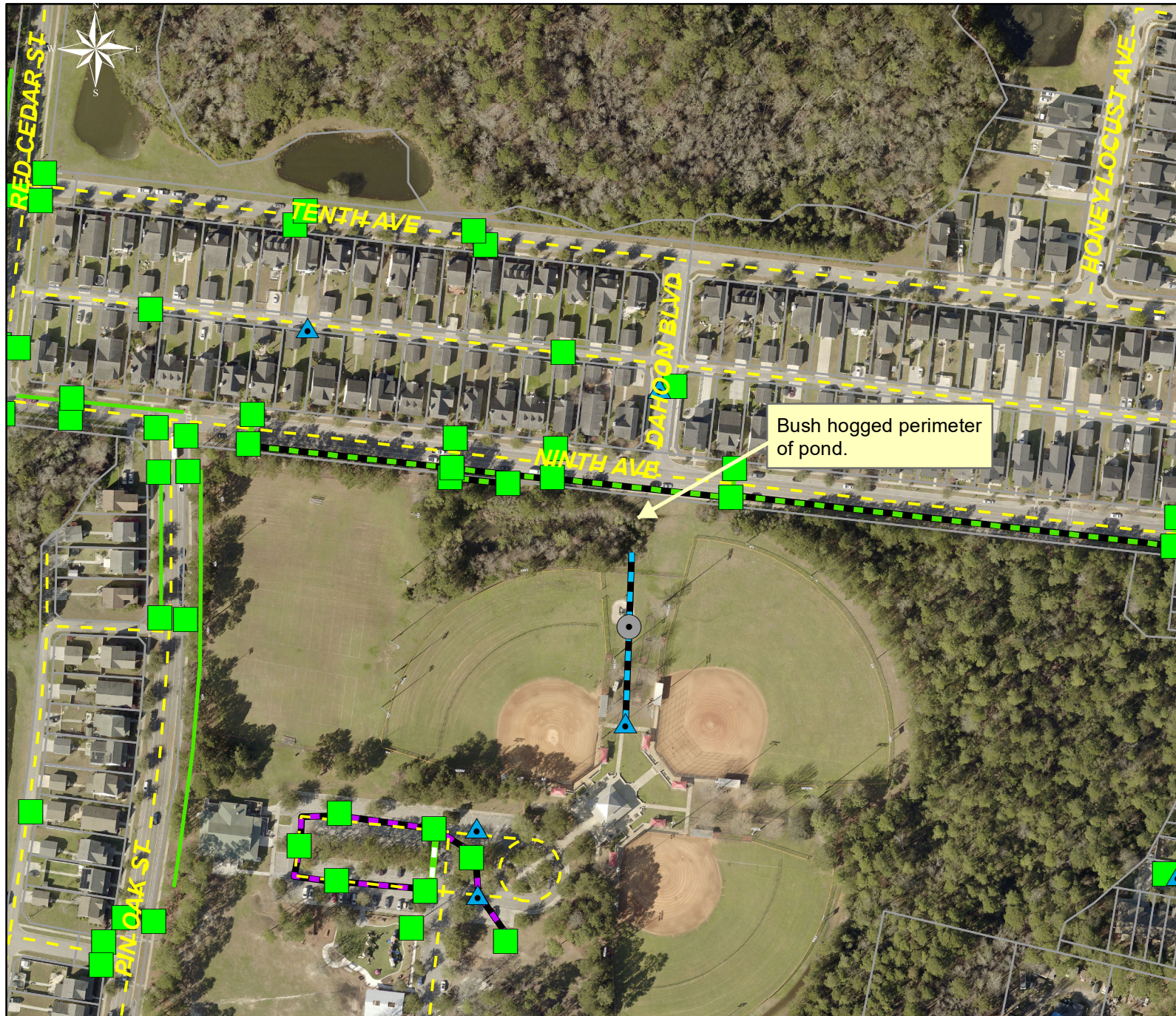
-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0 30 60 120 180 240
Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility
Date Print: 07/29/24

File: C:\project summaries map\Pond Maintenance- Davis Drive Pond Map #1_2024-320



Project: Pond Maintenance- Oscar Fraizer Pond Map #2

Activity: Pond Maintenance














Project #: 2024-320

Township/SW Dist: Bluffton/4

Completed: May 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/29/24

File: C:\project summaries map\Pond Maintenance- Oscar Fraizer Pond Map #2_2024-320



Project: Pond Maintenance- Bluffton Skate Park Pond Map #3

Activity: Pond Maintenance














Project #: 2024-320

Township/SW Dist: Bluffton/4

Completed: May 2024

Legend

Drainage Type

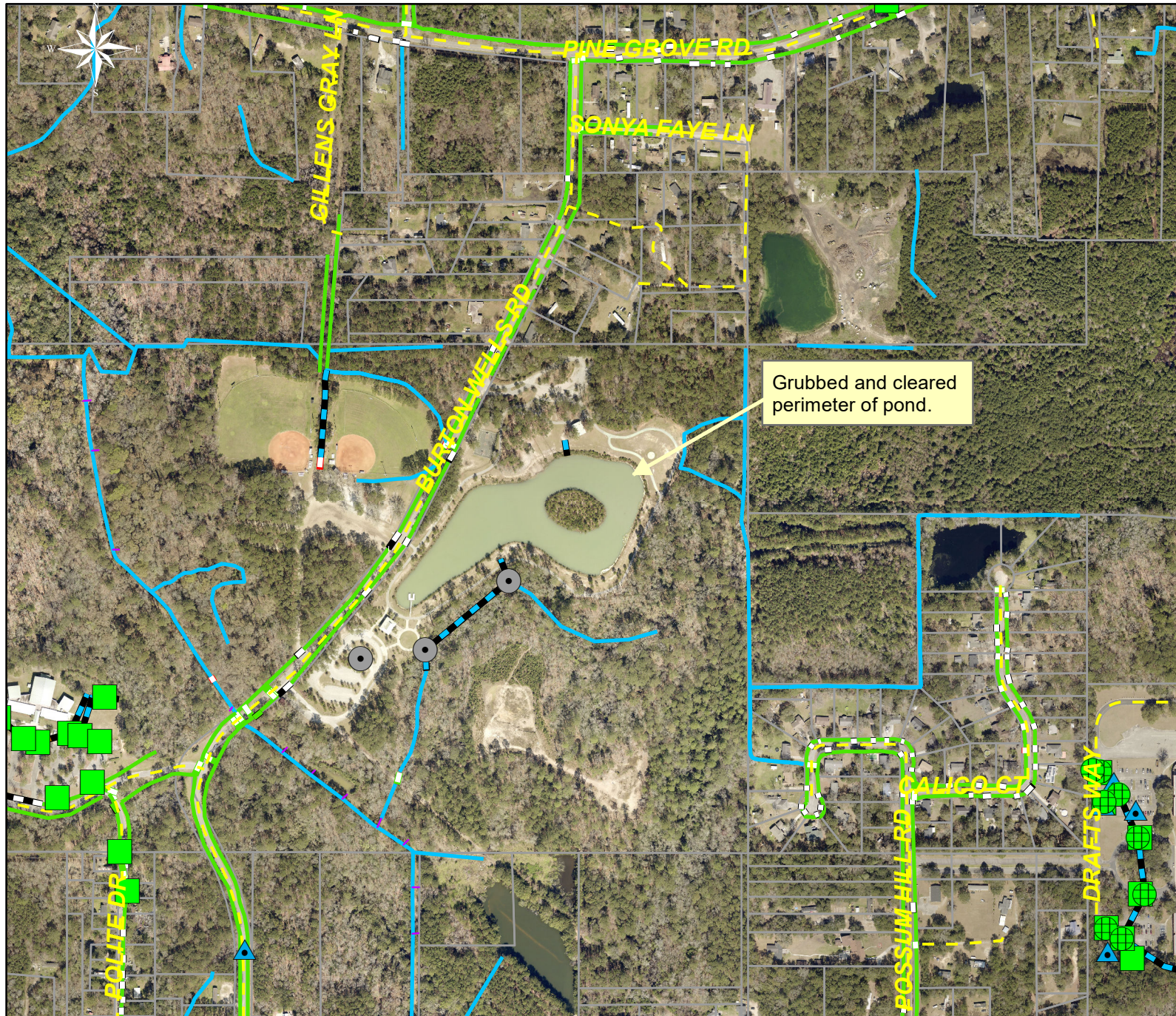
-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 290 feet

Prepared By: BC Stormwater Management Utility
Date Print:07/29/24

File:C:\project summaries map/Pond Maintenance- Bluffton Skate Park Pond Map #3_2024-320



Project: Pond Maintenance- Burton Wells Road Pond Map #4

Activity: Pond Maintenance














Project #: 2024-320

Township/SW Dist: Port Royal Island/6

Completed: May 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 550 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/29/24

File: C:\project summaries map\Pond Maintenance- Burton Wells Road Pond Map #4_2024-320



Project: Pond Maintenance- Okatie West Pond Map #5

Activity: Pond Maintenance














Project #: 2024-320

Township/SW Dist: Bluffton/4

Completed: May 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 170 feet

Prepared By: BC Stormwater Management Utility
Date Print: 07/29/24

File: C:\project summaries map\Pond Maintenance-Okatie West Pond Map #5_2024-320



Project: Pond Maintenance-Tuxedo Drive Pond Map #6

Activity: Pond Maintenance














Project #: 2024-320

Township/SW Dist: Lady's Island/6

Completed: May 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/29/24

File: C:\project summaries map\Pond Maintenance- Tuxedo Drive Pond Map #6_2024-320



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Bluffton Vacuum Truck -

Oscar Frazier Park, Capers Creek Drive, Sandy Pointe Drive, Skylark Drive, W Morningside Drive, Sunny Glen Drive and E Morningside Drive.

Activity: Routine/Preventive Maintenance

Duration: 12/05/2023 - 04/09/2024

Narrative Description of Project:

Project improved 24 L.F. of drainage system. Cleaned out (23) catch basins. Jetted 24 L.F. of roadside pipe.

2024-310 / Bluffton Vacuum Truck

	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	3.50	\$81.73	\$0.00	\$0.00	\$0.00	\$81.73
CBCO / Catch basin - clean out	64.00	\$1,787.70	\$3,733.92	\$6.10	\$0.00	\$5,527.72
CBIN / Catch basin - inspected	8.00	\$190.16	\$311.16	\$0.00	\$0.00	\$501.32
RSPJ / Roadside Pipe - Jetted	3.00	\$117.33	\$233.37	\$3.00	\$0.00	\$353.70
Grand Total	78.50	\$2,176.92	\$4,278.45	\$9.10	\$0.00	\$6,464.47

Before



During



After



Project: Bluffton
 Vacuum Truck- Oscar
 Fraizer Park
 Map #1

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-310

Township/SW Dist:
 Bluffton/4

Completed:
 April 2024



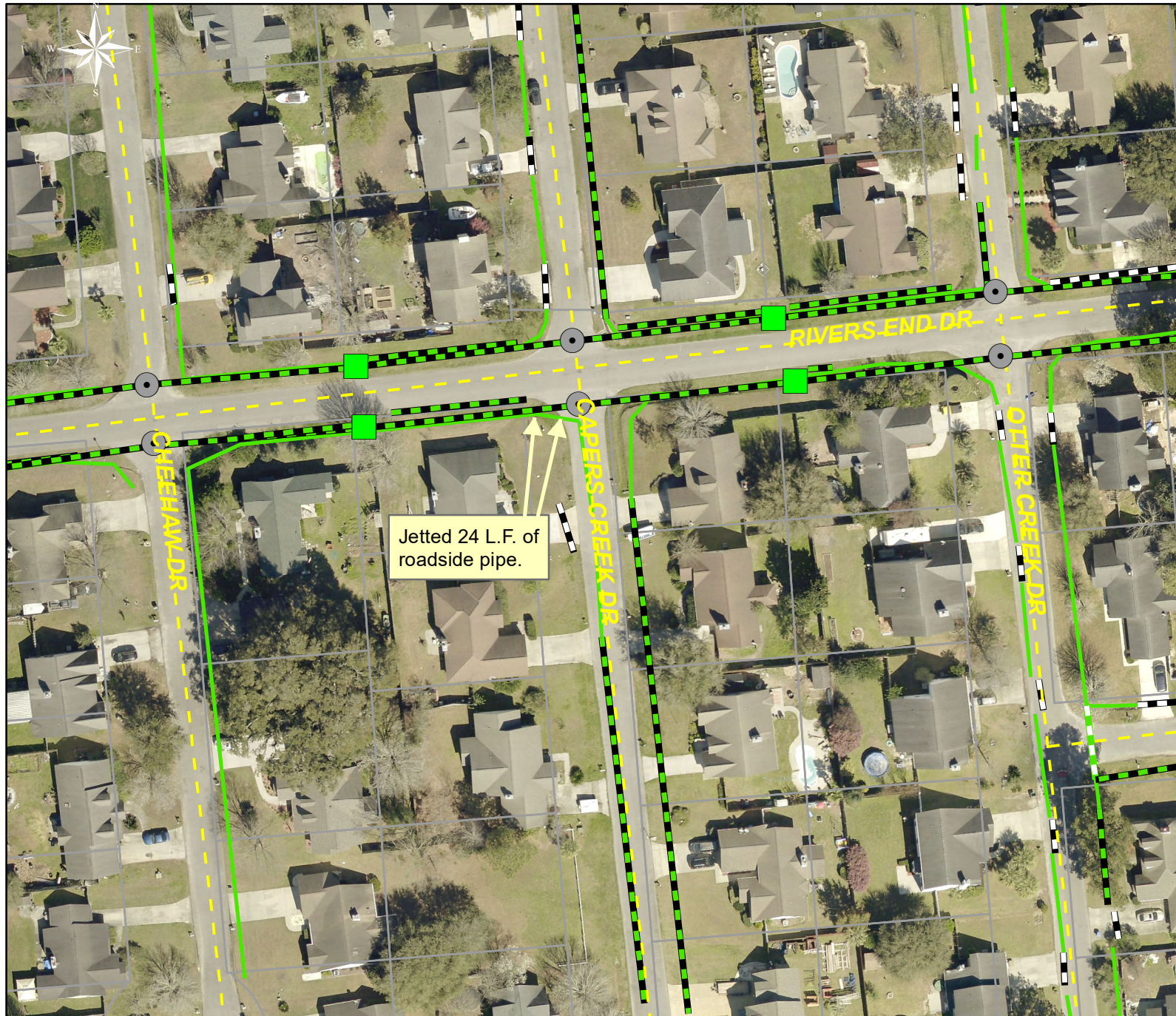
Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

0 15 30 60 90 120
 Feet

1 inch = 100 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\Bluffton Vacuum Truck- Oscar Fraizer Park Map #1_2024-310



Project: Bluffton
 Vacuum Truck- Capers
 Creek Drive
 Map #2

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-310

Township/SW Dist:
 Bluffton/4

Completed:
 April 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe



1 inch = 83 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\Bluffton Vacuum Truck- Capers Creek Drive Map #2_2024-310



Project: Bluffton
 Vacuum Truck- Sandy
 Pointe Drive and Skylark
 Drive Map #3

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-310

Township/SW Dist:
 Bluffton/4

Completed:
 April 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

Cleaned out (4) catch basins.

Cleaned out (4) catch basins.

0 1530 60 90 120
 Feet

1 inch = 130 feet

Prepared By: BC Stormwater Management Utility
 Date Print:07/24/24

File:C:\project summaries map\Bluffton Vacuum Truck-Sandy Pointe Drive and Skylark Drive Map #3_2024-310



Project: Bluffton Vacuum Truck- W. Morningside Drive and Sunny Glen Drive Map #4

Activity: Routine/ Preventive Maintenance

Project #: 2024-310

Township/SW Dist: Bluffton/4

Completed: April 2024

Legend

Drainage Type

- Access Pipe
- Bleeder Pipe
- Channel Pipe
- Channel
- Stream
- Crossline Pipe
- Driveway Pipe
- Lateral
- Lateral Pipe
- River
- Road Pipe
- Roadside
- Roadside Pipe



1 inch = 130 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\Bluffton Vacuum Truck- W. Morningside Dr and Sunny Glen Drive Map #4_2024-310



Project: Bluffton Vacuum Truck- E. Morningside Drive Map #5

Activity: Routine/ Preventive Maintenance

Project #: 2024-310

Township/SW Dist: Bluffton/4

Completed: April 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe



1 inch = 100 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\Bluffton Vacuum Truck- E. Morningside Drive Map #5_2024-310



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: LH Nelson S/D - LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St.

Activity: Routine/Preventive Maintenance

Duration: 06/21/2024 - 07/01/2024

Narrative Description of Project:

Project improved 10,942 L.F. of drainage system. Cleaned out 9,219 L.F. roadside ditch, 1,723 L.F. channel and jetted (13) driveway pipes.

2024-556 / LH Nelson S/D - LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St.	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	4.00	\$92.35	\$0.00	\$0.00	\$0.00	\$92.35
CCO / Channel - cleaned out	24.00	\$498.16	\$480.50	\$0.00	\$0.00	\$978.66
DPJT / Driveway Pipe - Jetted	24.00	\$470.00	\$102.16	\$20.00	\$0.00	\$592.16
HAUL / Hauling	54.00	\$1,077.08	\$4,243.86	\$0.00	\$0.00	\$5,320.94
ONJV / Onsite Job Visit	20.00	\$650.00	\$235.00	\$0.00	\$0.00	\$885.00
RSDCL / Roadside Ditch - Cleanout	118.00	\$2,548.18	\$3,022.39	\$0.00	\$0.00	\$5,570.57
UTLOC / Utility locates	8.50	\$196.36	\$0.00	\$0.00	\$0.00	\$196.36
Grand Total	252.50	\$5,532.13	\$8,083.91	\$20.00	\$0.00	\$13,636.03

(Before)



(During)



(After)





Project: LH Nelson S/D- LH Nelson Drive Jefferson Drive, Hale Street, Grant Street and Jay Street Map #1

Activity: Routine/ Preventive Maintenance

Project #: 2024-556

Township/SW Dist: Port Royal Island/6,9

Completed: July 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

02:50 100150200
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\LH Nelson S/D- LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St Map #1_2024-556



Project: LH Nelson
 S/D- LH Nelson Drive
 Jefferson Drive, Hale
 Street, Grant Street
 and Jay Street
 Map #2

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-556

Township/SW Dist:
 Port Royal Island/6,9

Completed:
 July 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

Cleaned out 170 L.F.
 of channel.

Cleaned out 1,265 L.F.
 of roadside ditch.

Cleaned out 691 L.F.
 of roadside ditch.

02040 80 120160

 Feet

1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\LH Nelson S/D- LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St Map #2_2024-556



Project: LH Nelson
 S/D- LH Nelson Drive
 Jefferson Drive, Hale
 Street, Grant Street
 and Jay Street
 Map #3

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2024-556

Township/SW Dist:
 Port Royal Island/6,9

Completed:
 July 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

0150 60 90 120
 Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 07/24/24

File: C:\project summaries map\LH Nelson S/D- LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St Map #3_2024-556



Project: LH Nelson
 S/D- LH Nelson Drive
 Jefferson Drive, Hale
 Street, Grant Street
 and Jay Street
 Map #4

Activity: Routine/
 Preventive
 Maintenance

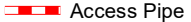
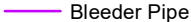



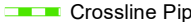







Project #:
 2024-556

Township/SW Dist:
 Port Royal Island/6,9

Completed:
 July 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0250 100150200
 Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\LH Nelson S/D- LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St Map #4_2024-556



Project: LH Nelson S/D- LH Nelson Drive Jefferson Drive, Hale Street, Grant Street and Jay Street Map #5

Activity: Routine/ Preventive Maintenance

Project #: 2024-556

Township/SW Dist: Port Royal Island/6,9

Completed: July 2024

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

02040 80 120160
 Feet

1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/24/24

File: C:\project summaries map\LH Nelson S/D- LH Nelson Dr, Jefferson Dr, Hale St, Grant St and Jay St Map #5_2024-556



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Cardinal Road

Activity: Routine/Preventive Maintenance

Duration: 06/23/2024 - 07/14/2024

Narrative Description of Project:

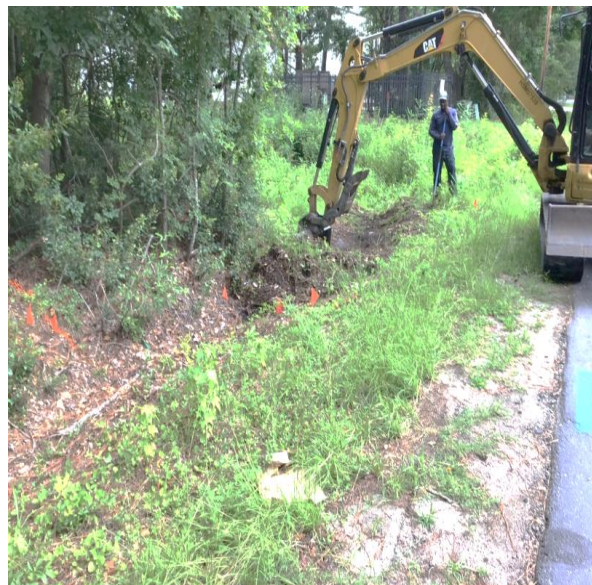
Project improved 1,319 L.F. of drainage system. Cleaned out 1,319 L.F. of roadside ditch and jetted (18) driveway pipes.

2024-522 / Cardinal Road	Labor Hours	Overtime Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	1.50	0.00	\$33.29	\$0.00	\$0.00	\$0.00	\$33.29
DPJT / Driveway Pipe - Jetted	8.00	1.00	\$255.27	\$700.11	\$10.00	\$0.00	\$965.38
HAUL / Hauling	24.00	1.00	\$576.62	\$1,964.75	\$0.00	\$0.00	\$2,541.37
RSDCL / Roadside Ditch - Cleanout	64.00	4.00	\$1,774.90	\$1,113.96	\$0.00	\$0.00	\$2,888.86
UTLOC / Utility locates	5.50	0.00	\$151.79	\$0.00	\$0.00	\$0.00	\$151.79
Grand Total	103.00	6.00	\$2,791.87	\$3,778.82	\$10.00	\$0.00	\$6,580.68

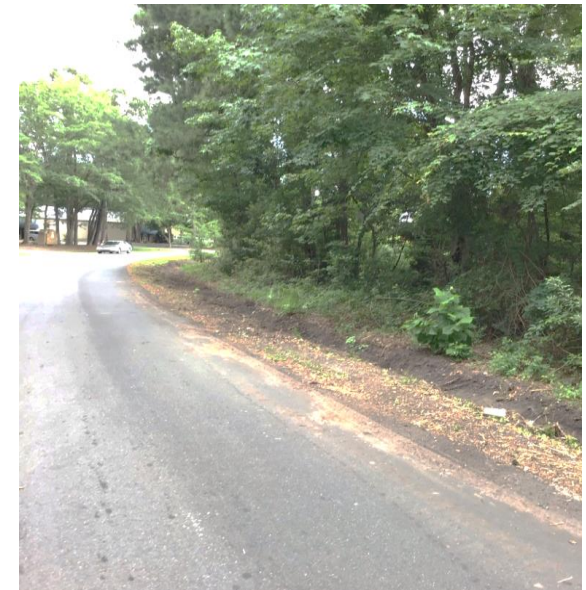
(Before)



(During)



(After)





Project: Cardinal Road

Activity: Routine/
Preventive
Maintenance














Project #:
2024-522

Township/SW Dist:
ToHHI/3

Completed:
July 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



1 inch = 250 feet



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Sugaree Drive and Rosales Lane Channel

Activity: Routine/Preventive Maintenance

Duration: 04/17/2024 - 04/26/2024

Narrative Description of Project:

Project improved 403 L.F. of drainage system. Grubbed, cleared and cleaned out 403 L.F. of channel.

2024-571 / Sugaree Drive and Rosales Lane Channel	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	1.00	\$22.19	\$0.00	\$0.00	\$0.00	\$22.19
NONPRO / Non-Professional Services	0.00	\$0.00	\$0.00	\$0.00	\$9,300.00	\$9,300.00
Grand Total	1.00	\$22.19	\$0.00	\$0.00	\$9,300.00	\$9,322.19

(No Pictures Available)



Project: Sugaree Drive and Rosales Lane Channel

Activity: Routine/ Preventive Maintenance

Project #: 2024-571

Township/SW Dist: Bluffton/4

Completed: April 2024

Legend

Drainage Type

- Access Pipe
- Bleeder Pipe
- Channel Pipe
- Channel
- Stream
- Crossline Pipe
- Driveway Pipe
- Lateral
- Lateral Pipe
- River
- Road Pipe
- Roadside
- Roadside Pipe

0 65 130 260 390 520 Feet

1 inch = 330 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/18/24

File: C:\project summaries map\Sugaree Drive and Rosales Lane Channel_2024-571



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Baynard Road Channel

Activity: Routine/Preventive Maintenance

Duration: 02/22/2024

Narrative Description of Project:

Project improved 475 L.F. of drainage system. Cleaned out 475 L.F. of channel.

2023-003 / Baynard Road Channel	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Total Cost
AUDIT / Audit Project	0.50	\$11.10	\$0.00	\$0.00	\$0.00	\$11.10
NONPRO / Non-Professional Services	0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00
Grand Total	0.50	\$11.10	\$0.00	\$0.00	\$1,500.00	\$1,511.10

(Before)



(During)

(No Picture Available)

(After)





Project: Baynard Road Channel

Activity: Routine/ Preventive Maintenance














Project #: 2023-003

Township/SW Dist: Port Royal Island/6

Completed: February 2024

Legend

Drainage Type

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0 20 40 80 120 160 Feet

1 inch = 130 feet

Prepared By: BC Stormwater Management Utility

Date Print: 07/18/24

File: C:\project summaries map\Baynard Road Channel_2023-003

TOWN COUNCIL



STAFF REPORT

Projects and Watershed Resilience Department

MEETING DATE:	August 13, 2024
SUBJECT:	Projects and Watershed Resilience Department Monthly Report
PROJECT MANAGER:	Kimberly Washok-Jones, Director of Projects and Watershed Resilience

CAPITAL IMPROVEMENTS PROGRAM (CIP) UPDATE

PATHWAYS

1. **Buck Island-Simmons ville Neighborhood Sidewalks and Lighting**
 - Construction of the Phase 6B sidewalks, drainage and lighting is **complete**.
 - **Next Steps**
 - Final As-built survey completed and closeout with SCDOT in progress.

2. **New River Linear Trail**
 - Received \$26,000 PARD grant award and \$2 million in SC appropriations.
 - Easement donation from New Riverside Community Association, Inc. approved at 3/14/23 Town Council.
 - Groundbreaking completed 5/30/24.
 - Bathroom, well, security cameras and entry gate **completed**.
 - **Next Steps**
 - Continue engineering design and permitting for Phases 1 and 2.
 - Negotiations are ongoing with Central Electric and Santee Cooper for cost sharing terms and bridge maintenance.
 - Continue coordination of boardwalk connection for Four Seasons.
 - Submit Encroachment Permit and Phase 1 Construction Contract to Town Council for approval this Fall.

SEWER & STORMWATER

1. **Buck Island-Simmons ville Sewer (Phases 5A-D)**
 - Mainlines and laterals approved by BJWSA.
 - **Next Steps**
 - Install house connections and decommission septic tanks upon receiving Permit to Operate.

- 2. Historic District Sewer Extension Phases 2 & 3 - Bridge & Colcock Streets**
 - Permit to operate issued from BJWSA and connection construction **completed**.
 - **Next Steps**
 - Final project close out.

- 3. Historic District Sewer Extension Phases 4 through 6 – Lawrence, Green and Water Streets**
 - Design for Phases 4, 5, & 6 were submitted to BJWSA for review.
 - **Next Step**
 - Incorporate BJWSA comments into final construction documents.
 - Construction implementation is pending permit approvals and easement acquisitions.

- 4. May River Watershed Action Plan Impervious Restoration Water Quality Projects**
 - Initial site investigations are complete for 8 of the 11 participating project sites.
 - Palmetto Pointe Towns, Lowcountry Community Church and Apartment One declined to participate in the Program at this time.
 - Geotechnical investigations and reports for each of the remaining 8 original have been completed. Consultant finalizing Draft on Section 1 of 3, Fee-in-Lieu and Enterprise Fund establishment/administration.
 - Initial Property Owner contacts for the selected 15 Additional Sites within municipal limits have been made.
 - **Next Steps**
 - Preliminary Design of each of the 8 original sites based on geotechnical data in process. Met with consultant to discuss design layout and information needed for each site.
 - Fee-in-Lieu document Draft.

- 5. Shults Road Drainage Improvements**
 - Design Agreement with Sturre Engineering Approved.
 - Geotechnical assessment to be completed by GHD.
 - **Next Steps**
 - Design scope in place and pending outcomes of geotechnical work. 30% design for drainage improvements in development for easement needs and homeowner discussion and easement needs.
 - Geotechnical scope being evaluated for possible modification to include structural evaluation components versus infiltration feasibility due to infiltration feasibility deemed not likely due to groundwater elevation and soils.
 - Site will be assessed as part of a larger Comprehensive Drainage Assessment in FY25.

HISTORIC DISTRICT IMPROVEMENTS

1. Boundary Street Lighting

- TC approved contract with Dominion to install street lighting on the west side of Boundary Street.
- **Next Steps**
 - Dominion to install street lighting in FY25.

2. Squire Pope Carriage House Preservation

- Building Construction substantially complete. Contractor is ready for final inspections pending BJWSA approvals.
- Landscape contract executed with Hilton Head Landscape.
- Staff furniture was procured through state contact.
- **Next Steps**
 - Complete landscaping and hardscape mid-October.
 - Staff furniture install scheduled for 11/4/24.

3. Bridge Street Streetscape

- Phase 1 **complete**.
- Initial Stakeholder meeting with Montessori and Hargray **complete**.
- **Next Steps**
 - Continue Phase 2 engineering design for SCDOT permitting.
 - Continue Phase 2 stakeholder meetings.
 - Close out Phase 1 with SCDOT.
 - Continue Phase 2 planning and design for underground power and lighting plan.

4. Boundary Street Streetscape

- Engineering Design is 70% complete and submitted to Watershed for stormwater initial review.
- Met with Dominion Energy on 5/13/24 and received a partial underground power layout on 6/14/24.
- Approved Change Order with Thomas and Hutton for additional structural design services for the Lawrence Street outfall.
- Approved Geotechnical Services with GHD for the Lawrence Street outfall.
- **Next Steps**
 - Continue coordinating with Dominion Energy to obtain underground power layout and facility locations.
 - Continue with engineering design and permitting.
 - Prepare easement exhibits and begin appraisals in FY25.
 - Construction to begin in 2025, subject to acquisition of all required easements.

5. Calhoun Street Streetscape

- Preliminary engineering design is 40% complete.
- Met with Dominion Energy on 5/13/24. Awaiting underground conversion plans from Dominion Energy.
- **Next Steps**
 - Continue negotiations with May River Road property owners for main transmission line easements. Once the main transmission line easements have been completed, then continue with engineering design into FY25.
 - Prepare easement acquisition plats for Phase 1 in FY25 and begin easement acquisition.
 - Phased construction is planned to begin in FY26 pending budget approval and acquisition of all required easements.

6. Pathway Pedestrian Safety Improvements

- **Completed** Historic District crosswalk study identifying and prioritizing future intersection/crosswalk improvements to meet ADA compliance.
- Phase 1 ADA sidewalk improvements along Goethe Road were **completed** on 1/23.
- Contract with ICE approved at 9/12/23 Town Council meeting.
- Finalized Phase 2 design plans.
- **Next Steps**
 - Follow up with property owners for Phase 2 easement acquisitions.
 - Finalize Phase 3 analysis.

7. Comprehensive Drainage Plan Improvements

- Consultant field work to identify and assess condition of stormwater assets in Crooked Cove and Guerrard Cove **completed** 5/12/24.
- **Next Steps**
 - Compile field data from stormwater inventory and condition assessment.
 - Begin development of 2D Hydrologic/Hydraulic model.
 - Individual Stormwater Asset Reports for Heyward Cove identifying results and needed work by asset owner in progress. Draft Asset Report for SCDOT reviewed and comments provided to consultant.

8. Pritchard Street Drainage Improvements

- Project scope increased to include streetscape elements, pedestrian connectivity, street lighting and traffic calming evaluation. Growth Management and Stormwater Pre-Application meeting held 10/17/23. Updated 95% design received from consultant, design review complete, and comments discussed with consultant. Permit applications have been submitted. DRC Public Project was held 3/28/2024.

- Design Review meeting and field walk with consultant to discuss/review comments on 95% design submission held 5/30/24. 100% design and responses to permitting agencies in process.
- **Next Steps**
 - Finalize 100% design submittal.
 - Coordinate approval for proposed improvements with Beaufort County School District and Beaufort County on pool operation impacts.
 - Consultant addressing design and permit review comments for 100% design submittal.
 - Follow-up/complete permitting submissions and bid document formulation.
 - Identification of easement and street lighting needs.
 - Coordinate stakeholder meeting for Pritchard St. residents, anticipated in late September 2024.

PARK DEVELOPMENT

1. Oyster Factory Park

- Civil construction and landscape of parking area and event area are **complete**.
- Contractor completing final punch list items for the event area and providing quotes for additional services for the repairs to the existing pavilion, adding steps and access drive stabilization.
- **Next Steps**
 - Prepare plans for the restroom expansion and other FY25 improvements.

2. Oscar Frazier Park

- Rotary Center hardscape improvements **complete** and under 1 year maintenance agreement.
- Obtained SCDEHC permit for Splash Pad on 1/9/24 and began construction on 7/15/24.
- **Next Steps**
 - Complete construction of splash pad in August and landscaping in September.
 - Obtain quotes for shade structure at the playground.

3. New Riverside Barn/Park

- Phase 2 Design is **complete**.
- JS Construction **completed** phase 1 site construction in November 2023.
- JS **installed** hand holes at all future light locations for power and IT infrastructure.
- The contract has been executed with Nix Construction for Construction Manager at Risk Services with a GMP for Phase 2 (barn, restroom, playground, and common areas).
- Restrooms are framed. Roof sheathing and roof panels are installed. Rough in mechanical is complete and inspected. Brick veneer at foundation complete.
- Steel structures / trellis in the restroom area are **installed**.
- Large and small pavilions are erected. The playground drainage is **complete**.
- Sidewalks and drainage at playground area are **complete**.
- Playground equipment deliveries have started.

- All siding and old roof material has been removed from the barn. Underground plumbing and electric are installed and inspected. New slabs at front, rear and future kitchen area are poured. Framing is well underway.
- Well for future irrigation has been **installed**.
- Irrigation throughout the park has started.
- Dominion installed all light poles. They are energized and working.
- **Next Steps**
 - JS to continue paver turn around areas.
 - Nix Construction to continue all the above.

4. **New Riverside Village**

- Lighting contract approved at 4/9/24 Town Council.
- Design plan approved by POA/Developer.
- **Installed** trellis swings, dog stations, trash cans and lighting conduit.
- **Next Steps**
 - Continue design of wayfinding signage plan.
 - Dominion light pole installation scheduled for fall 2024.
 - Rules sign submitted for Second Reading approval at 8/13/24 Town Council meeting.

5. **Miscellaneous Park Improvements**

- Shade sail installation was completed at Buckwalter Place Park playground.
- **Next Steps**
 - Continue design of landscape and shade structure enhancements at various town parks in 2025.

6. **Buckwalter Place Park Improvements**

- Plans presented to Town Council on 1/16/24.
- Conceptual landscaping plan **complete**.
- Sabal palm installation **complete**.
- **Next Steps**
 - Finalize hardscape plans for FY25 scope.
 - Continuing design, Construction Drawings of bathroom renovation.

TOWN FACILITIES AND MISCELLANEOUS PLANNING

1. **Town of Bluffton Housing Projects**

- **Next Steps**
 - Provide financial assistance to joint venture partner for planning, design and permitting of Affordable/Workforce Housing at 1095 May River Road.
 - PM staff to review progress and applications for payment.

2. Law Enforcement Center Facility Improvements

- PD **completed** improvements to evidence room.
- PS to add AON system to HVAC.
- **Next Steps**
 - Begin design for FY25 construction of a possible storage of Public Service maintenance equipment, impound lot and canine facility.

3. Sarah Riley Hooks Cottage

- Meadors Architectural Design is underway and to be complete this Summer.
- **Completed** Final Site Plan and distributed to engineers for final design.
- Executed design contracts with Meadors Inc., JK Tiller and Shearlock Engineering for design services of the cottage restoration and site development.
- **Next Steps**
 - Present plans to Growth Management for a Pre-Application and Development Plan approval.
 - Begin restoration construction of cottage in FY25.
 - Begin landscape development construction in FY26.

4. Ghost Roads

- Surveying and easement exhibits are **complete**.
- Bridge Street Quit Claim Deeds are **complete**. Pritchard and Colcock Streets Quit Claim Deeds are 99% **complete**. Staff is currently working with Lawrence, Lawton, Green, Pope, Allen, and Water Street property owners to obtain Quit Claim Deeds.
- **Next Steps**
 - Continue acquisition of remaining Quit Claim Deeds for Historic District Ghost Roads or have legal initiate quiet title proceedings.

5. Document Management

- RFP contract was awarded in March 2022.
- Electronic Document Management system is live.
- Documents for 6 departments have been transitioned to DMS.
- **Next Steps:**
 - Historical documents for the remaining departments will transition through FY26.

6. Network Infrastructure

- Replaced core switches at Town Hall and the Law Enforcement Center.
- Replaced two VMWare hosts for a more stable server environment.
- Migration of Munis and Energov systems to a hosted environment completed.
- Implemented Executime to replace Intime.
- **Next Steps:**
 - Replacing two more VMWare hosts.

WATERSHED MANAGEMENT UPDATE

1. Stoney Creek/Palmetto Bluff Sewer Partnership

- 2022 updated cost-estimate for the project from BJWSA is \$7.2 million + contingencies. BJWSA is the Project Manager.
- BJWSA awarded the RIA SCIPP grant in support of Stoney Creek/Palmetto Bluff Sewer Extension with the Town and Beaufort County.
- Finalized IGA with Town, County, and grant splitting sewer extension costs and BJWSA funding water extension costs.
- **Next Steps**
 - BJWSA continues with community outreach via their consultants and continues with design of the system. <https://bjwsa.org/251/Go2Sewer-for-a-Cleaner-Stoney-Creek>

2. Administrative Update

- Staff conducted two (2) interviews for the Stormwater Inspector position.
- Staff responded to a FOIA requesting surety information pertaining to Four Seasons at Carolina Oaks.
- Staff sent a Wetlands Ordinance Expression of Interest (EOI) to current Master Service Agreement (MSA) firms to solicit input and evaluate additional needs for wetland and resiliency protections. One (1) EOI proposal was received, and staff is currently reviewing internally.

3. SC Department of Environmental Services May River Shellfish Harvesting Monitoring Data Year-to-Date and May River Shellfish Harvesting Status Exhibit – *Attachments 1 and 1a*

4. May River Watershed Action Plan Implementation Summary - *Attachment 2*

- Staff continue to work with Water Environmental Consultants (WEC) to review continuous flow data from the Stoney Creek, Rose Dhu Creek, and Palmetto Bluff subwatersheds. WEC is reviewing continuous and intermittent flow data in real time. WEC provided recommendations on the Town's water quality grab sampling program to ensure sufficient data for model calibration. Staff began implementing these recommendations on 7/31/23. The flow data monitoring review period ended in April 2024 and final reports are expected to be completed in FY25. Staff continue to implement grab sampling water quality program recommendations. WEC installed a water elevation instrument in Palmetto Bluff for the Duck Pond subwatershed on 7/24/24. This instrument will collect water elevation data for a 6-month period.
- The Town's Calhoun Street Dock tidal elevation gauge was repaired and is recording tidal elevation data. Water Environmental Consultants (WEC) established two (2) additional tide gauges near the Stoney Creek and Rose Dhu Creek model boundaries as part of a 4-week headwaters tidal gauge study. The Calhoun Street dock and headwaters tidal elevation data will be used to establish a relationship between tidal amplitude and timing in the headwaters of the May River. WEC collected additional GIS data from the Stoney Creek and Rose Dhu Creek docks utilized in the study on

7/24/24. A final report on the 4-week tidal gauge study is expected in FY25 with all other WEC flow monitoring final reports.

- Dr. Tye Pettay with the University of South Carolina Beaufort (USCB) Water Quality Laboratory is conducting a statistical review of the Town's water quality monitoring data. The objective is to garner a better understanding of the Town's water quality results and improve day-to-day management decisions.
- Staff drafted a Comprehensive Water Quality Monitoring Program Plan. This document is currently under internal review prior to finalization.

5. Resiliency

- The Town and the College of Charleston executed a Memorandum of Agreement (MOA) to conduct the Resiliency Analysis. This analysis will include modeling storms and sea level rise throughout Town watersheds, a review of the Town's UDO, Municode, SC Code of Ordinances, and Stormwater Design Manual, and stakeholder engagement through surveys and events.
 - The first engagement event was held at the Rotary Community Center on 7/18/24 in conjunction with SC Sea Grant Consortium. The next engagement event will be held 8/20/24 at Pritchardville Elementary.
- The public flooding survey is available online at <https://arcg.is/10a5Sn>.
- Staff completed a South Carolina Office of Resilience (SCOR) survey aimed at identifying needs for the Salkahatchie River Basin Watershed Resilience Plan.

6. Municipal Separate Storm Sewer System (MS4) Program Update

- Staff are currently editing the Stormwater Management Plan with an anticipated date of 08/01/24 for submittal to SC Department of Environmental Services (SCDES).
- Comments on the current Town of Bluffton Southern Lowcountry Stormwater Design Manual received during the public comment period have been reviewed, compiled and sent to a consultant for review and are due back to staff by 08/02/24.

7. MS4 Minimum Control Measure (MCM) - #1 Public Education and Outreach, and MS4 MCM - #2 Public Participation and Involvement

- The May River Watershed Action Plan Advisory Committee (WAPAC) meeting was held 07/25/24. - **Attachment 3**

8. MS4 MCM – #3 Illicit Discharge Detection and Elimination

- Stormwater Infrastructure Inventory Map - **Attachment 4a**
- *E. coli* Concentrations Trend Map - **Attachment 4b**
- Monthly, Microbial Source Tracking (MST) Maps - **Attachments 4c and 4d**
 - SC Department of Environmental Services (SCDES) collects MST samples for the Town concurrently with their routine shellfish harvesting water quality sampling at stations 19-19, 19-19A, 19-19B, 19-19C, and 19-24. SCDES collected samples on 7/8/24. The human genetic marker was not detected at any of the samples collected.
- Illicit Discharge Investigations – **Attachment 4e**

9. MS4 MCM – #4 Construction Site Stormwater Runoff Control – **Attachment 5**

- 10. MS4 MCM – #5 Stormwater Plan Review and Related Activity – *Attachment 6***
- 11. MS4 MCM – #6 Good Housekeeping (Staff Training/Education)**
 - Andrea Moreno and Beth Lewis completed leadership training through First Sun EAP.
 - Nicole Wright completed two (2) Personnel Computer Storm Water Management Model (PCSWMM) trainings.
- 12. MS4 MCM – #6 Good Housekeeping (Ditch, Drainage and Roadside Maintenance)**
 - Public Services performed weekly street sweeping on Calhoun Street, Highway 46, Bruin Road, May River Road, Pin Oak Street, and curbs and medians on Simonsville and Buck Island Roads.
 - Performed ditch inspections.
 - Arrow ditch (2,569 LF)
 - Red Cedar ditch (966 LF)
 - Buck Island roadside ditch (15,926 LF)
 - Simonsville roadside ditch (13,792 LF)
 - Ongoing roadside mowing, litter clean-up and maintenance of Masters' Way, McCracken Circle, Hampton Parkway, Buck Island and Simonsville Roads, Goethe Road, Shults Road, Jason and Able Streets, Whispering Pine Road, May River Road, and Eagles Field.
- 13. Citizen Drainage, Maintenance, and Inspections Concerns Map – *Attachment 7***
- 14. Citizen Request for Watershed Management Services & Activities – *Attachment 8***

Attachments

1. SCDES Shellfish Harvesting Monitoring Data Year-to-Date
 - a. SCDES May River Shellfish Harvesting Status Exhibit
2. Quarterly Update – May River Watershed Action Plan Implementation Summary*
3. MS4 Minimum Control Measures #1 and #2 – WAPAC Agenda 07/25/24
4. MS4 Minimum Control Measure #3 – Illicit Discharge Detection and Elimination
 - a. Stormwater Infrastructure Inventory Map
 - b. *E. coli* Concentrations Trend Map
 - c. Microbial Source Tracking Trend Map – Human Source
 - d. Microbial Source Tracking Map – All Sources
 - e. Illicit Discharge Investigations
5. MS4 Minimum Control Measure #4 – Construction Site Stormwater Runoff Control
6. MS4 Minimum Control Measure #5 – Stormwater Plan Review and Related Activity
7. Citizen Drainage, Maintenance, and Inspections Concerns Map
8. Citizen Request for Watershed Management Services and Activities Map
9. CIP Master Project Schedules

* Attachment noted above includes the latest updates in red.

SCDES Shellfish Harvesting Monitoring Data Year-to-Date
May River Headwaters Shellfish Stations

	19-19				19-19A				19-19B				19-19C				19-24				19-16			
	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)	Fecal Coliform (MPN)
December	79.0	33.0	33.0		49.0	49.0	33.0		4.5	17.0	7.8		17.0	49.0	13.0		6.8	6.8	7.8		7.8	13.0	17.0	
November	33.0	33.0	13.0		33.0	13.0	2.0		7.8	7.8	4.5		4.0	4.5	4.5		4.5	6.1	2.0		2.0	13.0	4.5	
October	49.0	23.0	33.0		26.0	46.0	23.0		13.0	13.0	17.0		23.0	23.0	33.0		23.0	11.0	2.0		17.0	14.0	6.8	
September	33.0	540.0	23.0		11.0	350.0	13.0		17.0	350.0	13.0		13.0	170.0	7.8		2.0	79.0	17.0		11.0	33.0	13.0	
August	49.0	23.0	23.0		49.0	23.0	49.0		23.0	11.0	6.8		49.0	13.0	13.0		14.0	17.0	23.0		14.0	11.0	2.0	
July	350.0	920.0	350.0	31.0	64.0	49.0	920.0	31.0	79.0	95.0	70.0	32.0	33.0	130.0	49.0	32.0	33.0	23.0	33.0	33.0	13.0	46.0	17.0	32.0
June	49.0	13.0	14.0	7.8	79.0	4.5	7.8	7.8	13.0	11.0	23.0	6.8	17.0	2.0	13.0	4.5	22.0	1.8	33.0	2.0	2.0	9.3	13.0	2.0
May	2.0	4.5	23.0	27.0	49.0	4.5	33.0	22.0	23.0	4.0	17.0	23.0	23.0	1.8	13.0	17.0	23.0	1.8	33.0	7.8	7.8	2.0	21.0	4.0
April	33.0	4.5	170.0	49.0	23.0	4.5	130.0	17.0	22.0	1.8	110.0	17.0	17.0	2.0	70.0	4.0	7.8	1.8	NS	11.0	2.0	1.8	7.8	23.0
March	33.0	33.0	23.0	49.0	11.0	23.0	49.0	31.0	17.0	2.0	17.0	11.0	13.0	4.5	17.0	4.5	2.0	2.0	17.0	22.0	2.0	2.0	17.0	4.5
February	79.0	23.0	540.0	49.0	70.0	31.0	350.0	49.0	79.0	17.0	240.0	11.0	23.0	22.0	240.0	22.0	7.8	2.0	33.0	7.8	6.8	11.0	33.0	11.0
January	17.0	49.0	33.0	49.0	17.0	22.0	33.0	23.0	13.0	33.0	13.0	4.5	23.0	7.8	33.0	4.5	17.0	7.8	7.8	7.8	7.8	7.8	4.5	2.0
** Truncated GeoMetric Mean	36.0	40.0	38.0	37.0	26.0	28.0	30.0	28.0	18.0	18.0	17.0	16.0	15.0	14.0	16.0	14.0	10.0	9.0	9.0	9.0	8.0	9.0	8.0	9.0
** Truncated 90th Percentile	139.0	192.0	211.0	191.0	69.0	91.0	152.0	150.0	58.0	72.0	77.0	75.0	39.0	54.0	71.0	74.0	35.0	41.0	44.0	40.0	33.0	32.0	26.0	30.0

NS = No Sample

SCDES Regulatory Requirements:

Geometric Mean ≤ 14

90th Percentile ≤ 43

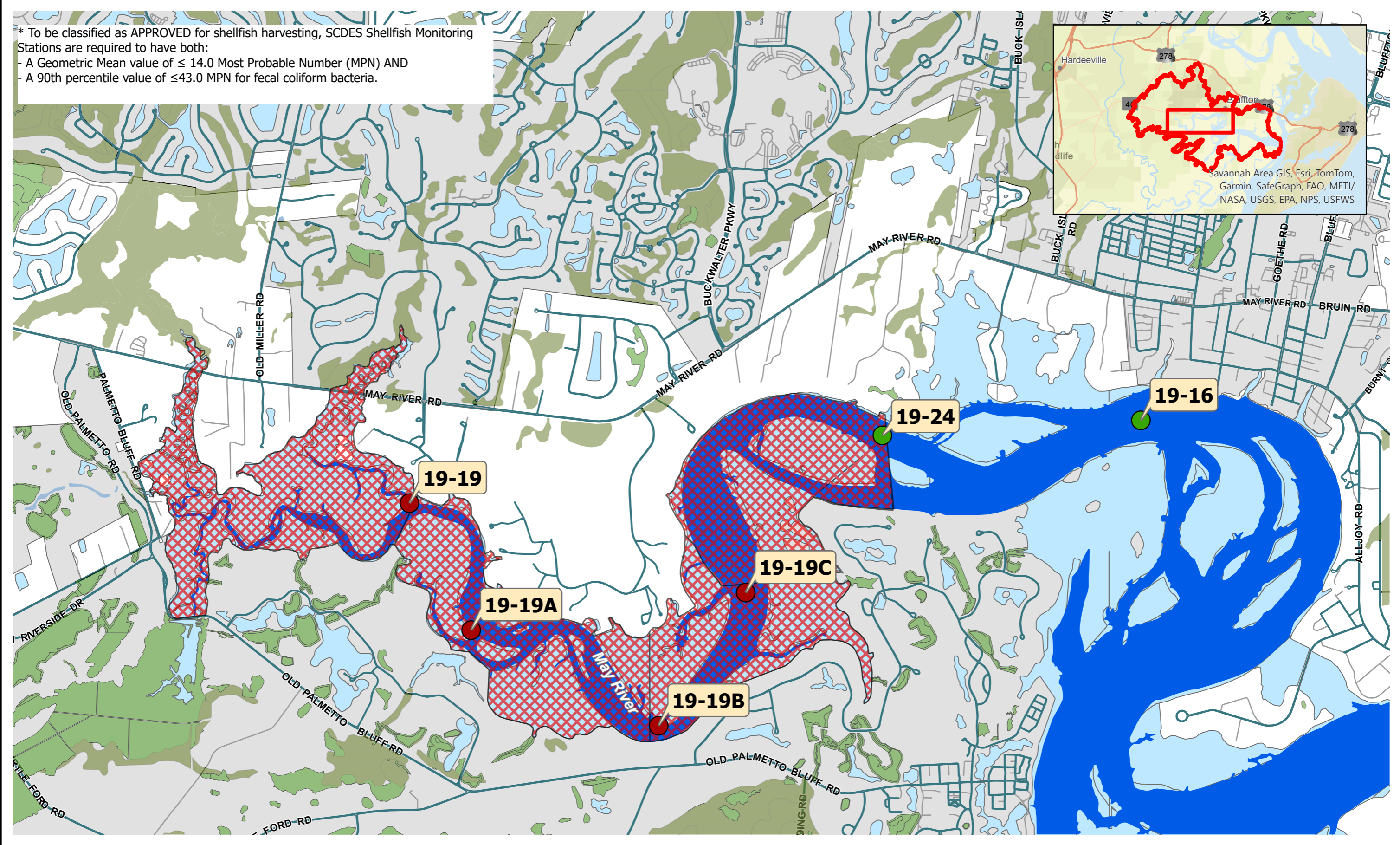
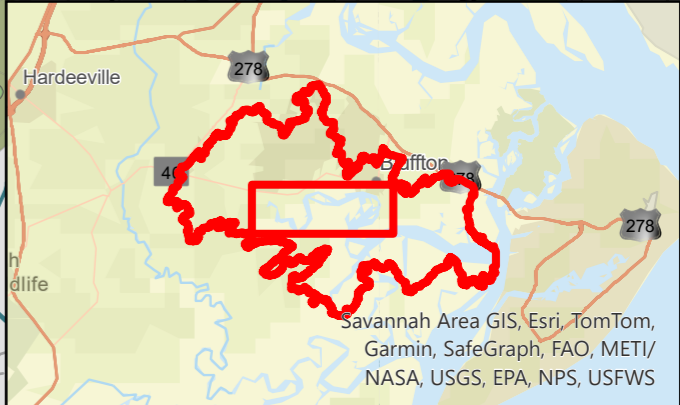
** Town staff calculations utilizing SCDES statistics








Note:

December 2024 ends the data collection period for 2025 shellfish harvesting season.

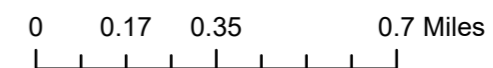
2024 fecal coliform data is part of the 2025 classification data collection period.

* To be classified as APPROVED for shellfish harvesting, SCDES Shellfish Monitoring Stations are required to have both:
 - A Geometric Mean value of ≤ 14.0 Most Probable Number (MPN) AND
 - A 90th percentile value of ≤ 43.0 MPN for fecal coliform bacteria.



-  Town Bluffton Jurisdiction
-  Beaufort County Jurisdiction
-  Restricted 2024/2025 Shellfish Season
-  Streets
-  Water
-  Wetlands
-  Open Shellfish Monitoring Station
-  Closed Shellfish Monitoring Station

Town of Bluffton
 Beaufort County, SC
SCDES SHELLFISH
HARVESTING STATUS



Date: 7/22/2024 1:16 PM



WAPAC Meeting Presentation
May River Watershed Action Plan Update & Modeling Report
Overview and Status
Created: August 25, 2022
Updated: May 23, 2024

Overview

- May River Watershed Action Plan Update & Modeling Report **completed** November 2020.
- Town Council Adoption of May River Watershed Action Plan Update as a Supporting Document to the Comprehensive Plan **completed** February 2021.
- May River Watershed Action Plan Update & Modeling Report Summary:
 - **Executive Summary** provides an overview of the project background, findings and interpretation, current state of knowledge concerning fecal coliform fate and transport, and an overview of proposed recommendations for the Town.
 - **1.0 Introduction** includes more detailed project background including the purpose of the document and the Project Team’s tasks to 1) develop water quality models to compare current conditions (2018) to pre-shellfish impairment conditions (2002) to develop pollutant load reduction estimates, and 2) evaluate 2011 Action Plan BMPs for appropriateness under current conditions and provide up to eleven (11) alternative projects and preliminary cost estimates.
 - **2.0 Model Setup; 3.0 Model Calibration, and 4.0 Water Quality Model Results** details the methodology used by the Project Team to establish and calibrate the models and the model outputs. This highly technical information is necessary for future Water Quality (WQ) Model calibration and use for consistency.
 - **5.0 Recommendations** includes strategies to improve the Town’s monitoring efforts to calibrate the WQ Model further (§5.1), strategies and BMPs for bacteria reduction (§5.2), an evaluation of 2011 Action Plan BMP projects (§5.3), and methodology used to develop 2020 Action Plan Update recommended projects (four septic to sewer conversion projects and eleven stormwater BMP retrofit projects) with cost-estimates and ranking/prioritization (§5.4).
 - **6.0 Conclusions** offers a summary of the WQ Model results in context of current state of knowledge.
 - **7.0 References** documents the prior research findings used to inform recommendations.
 - **Appendices** reference supporting materials:
 - Montie et al. (2019) “Technical Report: Historical Analysis of Water quality, Climate Change Endpoints, and Monitoring in Natural Resources in the May River,”
 - Technical Memo from Dr. Rachel Noble,
 - Watershed Treatment Model Spreadsheets, and
 - Detailed Project Cost Estimate Spreadsheets.

MRWAP 2020 Update Septic to Sewer Project Recommendations/Evaluations:

- Four (4) septic to sewer conversion projects were evaluated in the Rose Dhu Creek and Stoney Creek subwatersheds:
 - Cahill
 - Gascoigne
 - Stoney Creek
 - Pritchardville
 - These projects overlap with 42 subcatchments in the Stoney Creek watershed and 11 in Rose Dhu Creek. Based on WQ Model outputs, these projects alone may potentially reduce FC loading by 3.46×10^{13} FC per year.
- The estimated septic to sewer conversion costs of these projects is \$5.5 million.

Work Performed and Current Status as of August 25, 2022 Meeting

Discussions with the Town, Beaufort County and BJWSA have been held about future Septic to Sewer Program projects identified above. Stoney Creek Septic to Sewer Project has been identified as the next priority project to pursue under the Septic to Sewer Program.

- The Town and Beaufort County are finalizing Funding and Cost share elements relative to the project and a letter to BJWSA will be developed and sent to BJWSA regarding project funding, capital outlay and schedule for implementation.

Update for WAPAC February 23, 2023 Meeting:

The Town, Beaufort County and BJWSA continue to work on details to draft a proposed Inter-Governmental Agreement (IGA) to be presented to each respective approving authority for review, finalization, and approval. It is anticipated that this process is months away from final approval/adoption of the respective parties.

Update for WAPAC July 27, 2023 Meeting:

Stoney Creek/Palmetto Bluff Sewer: Three-party agreement is being finalized by BJWSA legal team now. BJWSA's RFP for water and sewer design services was supposed to close 6/30/23. Due to RIA protocol, they must review and approve an RFP prior to posting, thus the RFP was canceled. BJWSA anticipates receiving RIA approval and reposting the RFP on 7/17/23. BJWSA received RIA approval and reposted the RFP on 7/17/23 with a closing of 8/1/23.

Update for WAPAC January 25, 2024 Meeting:

Stoney Creek/Palmetto Bluff Sewer: All parties agreed to the IGA in October. The IGA will be presented to TC at the November TC meeting for review and approval. Beaufort County will present the IGA at their December meeting.

Update for WAPAC May 23, 2024 Meeting:

Stoney Creek/Palmetto Bluff Sewer: BJWSA is the project manager. Foresight Communications, a marketing/communications group, first community engagement for the project is 5/13/24. A new BJWSA project manager has

been assigned, Beth Lowther. Kim, Mark and Felicia met with Charlie Stone, BJWSA Gov't liaison, and Ashley Goodrich, BJWSA planner, on 5/6/24 to discuss how they might use 319 funding to support future sewer connections. Next partner meeting is 6/13/24 at 9:30am.

MRWAP Update Eleven Impervious Restoration (stormwater retrofit) Project Recommendations/Evaluations:

- Eleven (11) project sites (incorporating various individual BMPs) were selected in consultation with the Town (prioritizing subcatchments with FC bacteria hotspot and/or large impervious areas). These sites were evaluated in terms of the potential benefits gained by retrofitting to meet the 95th percentile storm retention, to the maximum extent possible, under the proposed Impervious Area Restoration/Stormwater Retrofit Program.

Eleven (11) proposed project sites Rose Dhu Creek (6 projects) and Stoney Creek (5 projects):

- Bluffton Early Learning Center (BELC)
- Boys and Girls Club of Bluffton (BGC)
- Benton House (BH)
- Bluffton High School (BHS)
- Buckwalter Recreation Center (BRC)
- Lowcountry Community Church (LCC)
- McCracken Middle School/Bluffton Elementary School (MMSBES)
- May River High School
- One Hampton Lake Apartments (OHLA)
- Pritchardville Elementary School (PES)
- Palmetto Pointe Townes (PPT)
- Based on WQ Model outputs, these projects alone may potentially reduce FC loading by
 - 2.99×10^{14} FC reduction for the Full SWRv (entire sub-basin drainage area catchment).
 - 2.53×10^{14} FC reduction for the Reduced SWRv projects (impervious area drainage area of sub-basin catchment).
- The estimated of Full SWRv projects costs is \$32.7 million and the estimated cost of Reduced SWRv projects is \$22.6 million.
- Currently the Towns' Impervious Restoration Program is targeting Reduced SWRv for future projects.

Example of Impervious Restoration Project evaluation from May River Watershed Action Plan Update & Modeling Report:



Figure 52. McCracken Middle School/Bluffton Elementary School Proposed Stormwater BMP Retrofits

Work Performed and Current Status as of August 25, 2022 Meeting

Update for WAPAC February 23, 2023 Meeting:

Update for WAPAC July 27, 2023 Meeting:

Work performed for this project is being performed by MSA Consultant Engineering Firm:

- Drafted a detailed scope of work for Engineering Consultant Firm review and cost proposal (Expression of Interest) regarding performance of the work elements presented herein and related to MRWAP Update recommendations for implementation.
- The Expression of Interest was submitted to 3 consultant firms under existing Master Service Agreements with the Town for review and a request for response.
- All 3 Firms responded and their respective responses were evaluated, scored and discussed internally.
- A recommendation for Award was made and the Consulting Firm of Goodwyn, Mills and Cawood selected.
 - Phase I of this work performed under existing FY 22 funding from Watershed Management Division.
 - Phase II of this work be presented for Town Council review and approval in the August 2022 Town Council Meeting and FY23 funding.

Update for WAPAC February 23, 2023 Meeting:

Phase II work was approved by Town Council and work has been initiated and reported herein. **This Task Completed**

Task 1 : MRWAP Update 11 site locations

Update for WAPAC July 27, 2023 Meeting:

Update for WAPAC January 25, 2024 Meeting:

Eleven (11) proposed project sites Rose Dhu Creek (6 projects) and Stoney Creek (5 projects):
Yellow and **Blue** highlight indicates **geotechnical evaluations complete**.

- **Bluffton Early Learning Center (BELC)**. Participating in preliminary design development phase.
- **Boys and Girls Club of Bluffton (BGC)**. Participating in preliminary design development phase.
- **Benton House (BH)**. Participating in preliminary design development phase.
- **Bluffton High School (BHS)**. Participating in preliminary design development phase.
- **Buckwalter Recreation Center (BRC)**. Participating in preliminary design development phase.
- ~~Lowcountry Community Church (LCC)~~. *Declined to Participate.*
- **McCracken Middle School/Bluffton Elementary School (MMSBES)**. Participating in preliminary design development phase.
- **May River High School**. Participating in preliminary design development phase.
- ~~One Hampton Lake Apartments (OHLA)~~. *Declined to Participate.*
- **Pritchardville Elementary School (PES)**. Participating in preliminary design development phase.
- ~~Palmetto Pointe Townes (PPT)~~. *Declined to Participate.*
- Evaluate 11 sites and proposed BMPs. **Complete.**
- Update concept plans for 11 sites based on site evaluations, recommendations and discussions. **Complete.**
- Perform geotechnical evaluations at each site at locations related to BMP locations of updated concept plans. **Completed for the 5 school sites.** Geotechnical evaluations for the remaining **3** participating partner sites are being schedule based on recent property owner participation status being known/confirmed.
Coordinating geotechnical work approval with property owners and schedule for Benton House (BH), Buckwalter Recreation Center (BRC) and Boys and Girls Club of Bluffton (BGC). Geotechnical field work for Benton House (BH), Buckwalter Recreation Center (BRC) and Boys and Girls Club of Bluffton (BGC) completed and data being analyzed and geotechnical report in development.
All geotechnical work and reports completed.
- Refine updated concepts and use for presentations to Property Owner to discuss Impervious Restoration Program goals, objectives and gain support for Program and their participation.

Based on geotechnical investigation results, updated Concept plans for the 5 school sites have been refined. A meeting will be scheduled with School District to discuss the **updated** concept plans to get their feedback prior to beginning Preliminary Design task. Based on geotechnical investigation results, updated Concept plans for Benton House (BH), Buckwalter Recreation Center (BRC) and Boys and Girls Club of Bluffton (BGC) sites will be refined. A meeting will be scheduled with School District to discuss the updated concept plans to get their feedback prior to beginning Preliminary Design task.

Field review meetings held March 28 and April 15, 2024 at each of the 9 participating sites. Meeting outcome was to review proposed BMPs and location to assess and rank BMP feasibility and cost/benefit. Based on discussions and field review Preliminary Design has been initiated.

- Develop list of “incentives” to secure Property Owner participation (**see Policy Document Formulation below**).
- Based on geotechnical information and Property Owner feedback further refine concept plans to Preliminary Design :
 - Determine BMP types and location to maximize SWRv/WQ treatment in cost effective approach. **Estimated impervious area treated and SWRv capture based on refined Concept plans developed for the 5 school sites.**
 - Determine estimated pollutant load reductions.
 - Develop site specific BMP details.
 - Develop preliminary BMP maintenance schedule and cost for each site.
- Preliminary Design development plans will be presented to the Property Owner for review and discussion. Other Restoration Program details (maintenance responsibilities, easements, incentives, etc.) developed as part of the Program (see Policy Document Formulation below) will also be discussed in hopes of establishing a commitment from the Property Owner to participate in the Program. Once a “commitment” is secured from the Property Owner, the project site will be moved to Final design, permitting, and ultimately construction. A meeting was held with School District on September 28, 2023 to discuss initial Preliminary Design development. Comments were noted and to be incorporated for final preliminary design plan development.

Based on field review Preliminary Design has been initiated.

Task 2 : Identify 15 new project sites for Town of Bluffton Impervious Restoration/BMP Retrofit Projects.

- The Town wishes to identify an additional 15 project sites located within the municipal limits of Bluffton for the Impervious Restoration/BMP Retrofit Program.. However, the criteria for site selection will be considered to be more “low hanging fruit” based on the following:
 - Within Town of Bluffton Municipal limits.
 - Soils – sandy soils with high infiltration rates offer the biggest bang for the buck for water quality treatment/improvement. Utilizing soil survey and other information target sites where infiltration can be maximized on-site.
 - Public or governmental agency land/property owner (not SCDOT RoW).

Update for WAPAC February 23, 2023 Meeting:

Desktop analysis and field work performed to develop a list of 45 sites that potentially meet the criteria above. This list of potential sites is under review/evaluation.

Update for WAPAC July 27, 2023 Meeting:

Finalized the list of 15 additional sites (and 5 alternates) to be considered/evaluated within the municipal limits of Bluffton for Impervious Restoration feasibility and concept plan development. Site evaluations will be performed as property owner approvals for access to property to perform site assessment is obtained.

Update for WAPAC May 23, 2024 Meeting:

Data search for these sites is ongoing in terms of existing plan information, current property owner and contacts.

Yellow Highlight indicate field investigations, drainage pattern evaluations and hand auger soil samples completed.

Green Highlight indicate contact made and coordination in process.

Initial concept plans are being developed for these sites for review. Other site evaluations will be performed as property owner approvals for access to property to perform site assessment is obtained.

- **Dominion Energy Engineering Office**
- **Rose Dhu Equestrian Center**
- **St. Gregory Catholic Church/School**
- **River Ridge Academy**
- **MC Riley Early Childhood Center**
- **MC Riley Elementary School**
- **MC Riley Sports Complex**
- **Bluffton Middle School**
- **Red Cedar Elementary School**
- ~~Seagrass Station Road Site~~ determined to be not feasible, low cost/benefit.
- **Bluffton Pkwy West (170 to Buckwalter)**
- **Buckwalter Pkwy (Hampton Hall to May River Road)**
- **Persimmon St/Sheridan Park Cir/Pennington Dr**
- **Vaden Nissan Hilton Head**
- ~~NHC Healthcare/Bluffton (Healthcare, Rehab, Assisted Living)~~ Declined to participate

Town of Bluffton Impervious Restoration/BMP Retrofit Policy Documents.

Task 3 : Section 5.4.4. Stormwater BMP Retrofit Projects of the May River Watershed Action Plan Update and Model Report identifies potential Impervious Restoration/BMP Retrofit projects located on Public and Private Land. As mentioned earlier, one of the primary site selection criteria, at time of report development, was to identify sites with large impervious areas so that pollutant load reductions could be estimated and the benefits of such projects on stormwater quality quantified/estimated, if implemented into construction. Generally, Public Funds are not expended to improve private property

nor is Town of Bluffton funding generally expended on Public Land owned by another government entity. In order for such projects identified in Section 5.4.4. to move forward in the interest of improved water quality and for the overall benefit and welfare of the constituents of the Town of Bluffton, Policy Documents need to be formulated that establishes the parameters of such a Program to be initiated and implemented.

- Policy Document Formulation has been initiated and includes research of similar Programs Nationwide.

Update for WAPAC February 23, 2023 Meeting:

2 *DRAFT* Policy Documents have been submitted for review and comment. Comments are being evaluated and addressed by consultant and an update *DRAFT* Policy Document is expected by April 2023.

Update for WAPAC July 27, 2023 Meeting:

- Updated Draft Policy Document was completed and submitted in June for review and comments are being finalized.
- Upon Policy Document Final Draft development, the Policy Document will be presented to WAPAC with a request for recommendation to Town Council for adoption.

Update for WAPAC January 25, 2024 Meeting:

- Internal review, discussion and comments of Updated Draft Policy Document was completed and submitted to Consultant September 10, 2023. Initial discussion of comments and path forward held November 3, 2023 with Consultant. Additional discussions with Consultant to be held.

Update for WAPAC May 23, 2024 Meeting:

- **Based on review of content of the updated *DRAFT* Policy Document, The Town directed the document be organized into the following categories:**
 - **Enterprise Fund & Fee-in-Lieu Program – work on this section has been initiated.**
 - **ToB CIP Project Impervious Restoration Program & incentives**
 - **ToB SWrv Credit Trading Program (under evaluation)**

Other, Related MRWAP Update Recommendations

- Adopt proposed regional Southern Lowcountry Post Construction Stormwater Ordinance and Design Manual - **complete** September 2021.
- The Town should incorporate volume reduction BMPs (those that encourage infiltration) within existing and future CIP projects to the maximum extent practical, especially for project locations with well-drained soils (HSG A or B) – **in progress**, see below.
 - **Work Performed and Current Status as of August 25, 2022 Meeting**
 - Bridge Street Streetscape Project
 - Project design/permitting is complete, and Construction Contract has been awarded.

- Incorporated Infiltration BMPs within the project to capture and treat 1.95” of rainfall over impervious surfaces within the project area, prior to discharge into the May River.
- Received Section 319 Grant from DHEC to cost-share cost of construction of proposed BMPs.

Update for WAPAC February 23, 2023 Meeting

Construction was initiated by JS Construction in early December 2022. Construction considered 65% complete.

Update for WAPAC July 27, 2023 Meeting:

- Project work is Substantially Complete.
- Partial reimbursement from DHEC for construction cost supported by 319 Grant requested and received.

Update for WAPAC January 25, 2024 Meeting

- Project and Grant work is complete and closed out.
- Total Grant funding for this project \$228,165.15
- Water Quality Monitoring Results

Water Quality Monitoring Summary: Based on monitoring and rainfall data for the period of July 1-October 11, 2023, the only rainfall event that produced a stormwater outfall/discharge was an intense rain event on September 10, 2023 which produced 3.82” of rain in a 4 hour period. The next most intense storm happened on July 10, 2023 which produced 1.46” of rain in 1 hour and no stormwater outfall/discharge occurred. Based on this data, we estimate the BMP treatment train constructed with this project could accommodate a 10 year storm event (6.9” of rain in 24 hours) with little or zero runoff. Zero runoff equals zero pollutants, and zero freshwater being discharged to Huger Cove and the May River.

From 319 Grant Project Final Report: Pre-construction water quality monitoring was performed on October 19, 2022, which can be found in **Appendix C**. So, **prior to project construction** a simulated rain event was performed to provide an indication of the amount of rainfall prior to direct a discharge occurring into Heyward Cove and then water samples were collected and tested by USCB to determine pollutants present and their concentrations. The rainfall simulation was performed because there was no way to get a water sample once stormwater entered the BMP and was treated by BMP via infiltration into ground.

Table 1 below is the Pre Construction Water Quality Monitoring Table of Pollutants:

Date	Time of Sample	TKN (mg/L)	Nitrate/Nitrite (mg/L)	Total Nitrogen (TN)	Total Phosphorus (TP)	TSS (mg/L)
10/19/2022	9:41	0.85	0.290	1.10	0.68	220.00

Three underground storage/infiltration and four pervious paver parking areas with underground storage were installed. After the completion of the BMPs, water quality monitoring was conducted to determine the reduction in pollutants with the newly installed BMPs. The installation of the Auto samplers were located at the two stormwater pipe outfalls into Heyward Cove, FES-1 and FES-2. Post-construction water

quality monitoring occurred on September 11, 2023, which can be found in **Appendix C**. Based off the post-construction pollutant values, all values analyzed were reduced greatly, including TSS.

Table 2 below is the Post Construction Water Quality Monitoring Table of Reduced Pollutants:

Date	Time of Sample	TKN (mg/L)	Nitrate/Nitrite (mg/L)	Total Nitrogen (TN)	Total Phosphorus (TP)	TSS (mg/L)
9/11/2023	16:46	0.64	0.14	0.78	0.19	8.4

Rainfall monitoring took place between July 1, 2023, and October 11, 2023, at the Watershed Building Office, 1261 May River Road. There were eight rainstorm events that had over an inch of water in 24 hours. In particular, there was one rainstorm on September 10th, 2023, where there was 3.82 inches of rain over the extent of four hours. This was the only recorded rain event, during the monitoring period, which produced a discharge of stormwater runoff into outfall FES-2 at Heyward Cove.

Table 3 below are the eight storm events over an inch.

Rainstorms over and inch	
Rainstorm Event	Rainfall (in)
July 5 th	1.46 inches over 1 hour
July 10 th	1.17 inches over 7 hours
July 28 th	1.28 inches over the whole day
August 28 th	1.23 inches over 1 hour
August 30 th	1.23 inches over the whole day
September 1 st	1.1 inches over 3 hours
September 10 th	3.82 inches over 4 hours
September 17 th	1.09 inches over 6.5 hours

Table 4 shows the monthly rain mounts in inches, with October only accounting for the first eleven days of the month and then monitoring stopped.

Monthly Rain Amounts	
Month	Rainfall (in)
July	7.35
August	5.3
September	7.56
October*	0.0
TOTAL	20.21

*only accounted for October 1 – October 11, 2023

There are many benefits that come from the constructed/installed stormwater best management practices, that include: 1) reducing the concentrations of pollutants that are associated with stormwater runoff, 2) the amount and frequency of direct stormwater/freshwater discharges into Heyward Cove has greatly reduced. and 3) temporarily detain large portions of the runoff volume and then release it a slower rate to decrease the amount of flooding on the roads. With the BMPs that were used for Bridge Street Streetscape, the BMP benefits include the decrease in TSS and other pollutants, but also retrofitting the existing area that had no prior stormwater management in the surrounding area.

Update for WAPAC May 23, 2024 Meeting

No stormwater outfall condition has been observed since the September 10, 2023 rain event.

- Pritchard Street Drainage Improvement Project
 - Project in Design Phase and considered 30% complete.
 - Incorporated Infiltration BMPs within the project to capture and treat 1.95” of rainfall over impervious surfaces within the project area, prior to discharge into Heyward Cove.
 - Submitted Section 319 Grant proposal to DHEC to cost-share cost of construction of proposed BMPs. Pre-proposal was accepted, and Full Proposal was requested by DHEC. Under Review.
 - **Update for WAPAC February 23, 2023 Meeting**
 - 70% design plan submitted, reviewed and comments presented to consultant.
 - 319 Grant was awarded by DHEC to the Town.
 - **Update for WAPAC July 27, 2023 Meeting:**
 - Project Scope of Work and budget increase approved for FY24 to include streetscape elements of lighting, sidewalk, traffic calming and ADA compliance.
 - Updated survey received.
 - Updated 70% design drawings received in July and under review.
 - **Update for WAPAC January 25, 2024 Meeting**
 - Updated 70% Streetscape Design submittal made and review comments provided to Consultant for 90% Design development and permit acquisitions.
 - Pre-Application meeting for Project held with Growth Management and Stormwater Management.
 - **Update for WAPAC May 23, 2024 Meeting**
 - **95% Design Submittal received February 29, 2024.**
 - **Public Project DRC meeting held April 3, 2024. Internal review comments completed and Design update in process.**
- In-House Microbial Source Tracking – in progress, see below
 - The Town entered a Memorandum of Understanding (MOU) with the University of South Carolina Beaufort (USCB) in July 2021 to establish and fund a regional Microbial Source Tracking (MST) laboratory capable of accepting environmental water quality samples.
 - Analytical services are provided by the USCB-MST laboratory for all environmental samples collected by the Town.
 - **Update for WAPAC February 23, 2023 Meeting** Staff has collected additional fecal samples needed for dog, bird, and deer. The USCB-MST Laboratory is conducting the

assessment on additional fecal samples and Dr. Pettay will provide a final report to the Town once all fecal markers in regional watersheds have been analyzed.

- **Update for WAPAC July 27, 2023 Meeting:** Additional genetic fecal markers continue to be analyzed by Dr. Pettay and the MST Laboratory.
- **Update for WAPAC January 25, 2024 Meeting:** Dr. Pettay is now the Lead Principal Investigator (PI) for both the MST and Water Quality Laboratories. Dr. Pettay, Town staff, and County staff met to discuss regional water quality monitoring needs. The MST Laboratory is still processing scat samples, and a final report is forthcoming.
- **Update for WAPAC May 23, 2024 Meeting: The MST Laboratory has finalized processing scat samples. Dr. Pettay will be providing a final report/update to the Town.**
- Future (new) Bacteria Monitoring Locations - in progress, see below
 - Staff increased sampling frequency and implemented additional monitoring sites and parameters in the May River headwaters based upon recommendations in the 2020 May River Watershed Action Plan Update and Model Report.
 - **Update for WAPAC February 23, 2023 Meeting:** Staff is collecting intermittent flow data at SonTek IQ sites in conjunction with grab FIB samples.
 - **Update for WAPAC July 27, 2023 Meeting:** Staff is working with the consultant to identify recommended strategies for intermittent flow data collection and a review of the Town's FIB grab sample schedule.
 - **Update for WAPAC January 25, Meeting:** Staff continues to collect MRWAP bacteria grab samples twice per month at fourteen (14) monitoring locations in the May River headwaters study area. Intermittent flow measurements are collected at six (6) of these monitoring locations at the time of grab sampling.
 - **Update for WAPAC May 23, Meeting: Staff continues to collect MRWAP bacteria grab samples twice per month at fourteen (14) monitoring locations in the May River headwaters study area. Intermittent flow measurements are collected at five (5) of these monitoring locations at the time of grab sampling. The goal has been to collect grab samples following wet weather conditions to the maximum extent practicable. WEC has further defined wet weather as samples collected within 24-hours of ≥ 0.50 inches of rainfall. All Town grab samples are analyzed by the USCB Water Quality Laboratory.**
- Future (new) Water Flow Monitoring Locations.
 - **Work Performed and Current Status as of August 25, 2022 Meeting**
 - The MRWAP Update included recommendations for the Town to perform certain rainfall and flow data measurements in May River Headwater Watersheds in order to "calibrate" and make more accurate Model predictions. These recommendations were evaluated and a game plan to address recommendations to calibrate model developed.
 - Utilizing existing flow and rainfall data collected over past years with rain gauges, IQ Plus and Sontek measuring instruments in Stoney Creek, Rose Dhu Creek, Palmetto Bluff, Duck Pond and Heyward Cove, the Town hired a consultant to review the data and determine:

Next Update: September 26, 2024

- Useful data obtained to gain the required information to calibrate model.
 - The data obtained from Stoney Creek and Heyward Cove was deemed sufficient for Model calibration and Final report for this work is in process.
 - Duck Pond was deemed inconsequential, not needed due to drainage area size and proximity/outfall to tidal waters.

Update for WAPAC February 23, 2023 Meeting

- Consultant Final Report delivered, and Model Calibration Data for Stoney Creek and Heyward Cove identified.
- If data review resulted in insufficient data, develop a monitoring program that would produce the data needed.
 - Rose Dhu Creek and Palmetto Bluff flow data review resulted in data that was insufficient to calibrate Model.
 - Final report identifying recommended strategies to gain required data is in process.
 - Potential purchase of telemetry stations to equip continuous flow monitoring stations with real-time data access.

Update for WAPAC February 23, 2023 Meeting

- Final Report delivered. Based on recommendations of data and process needed, staff has procured needed telemetry station equipment and has hired a consultant to assist in getting the intermittent and continuous flow data and producing a Final Report. The fieldwork installation of equipment is scheduled. Once installed and operational, data collection will last 6 months.

Update for WAPAC July 27, 2023 Meeting

- The Town of Bluffton procured and installed two (2) SonTek Turnkey Systems that enable real-time continuous flow data review to a cloud-based service. These systems are deployed in the Rose Dhu Creek and Palmetto Bluff subwatersheds.
- A SonTek IQ remains deployed in the Stoney Creek subwatershed. The consultant's first data review determined there was sufficient flow data for model calibration in the Stoney Creek subwatershed. However, staff determined it would continue to collect continuous flow data at this location so that continuous flow, intermittent flow,

Updated: May 23, 2024

Next Update: September 26, 2024

bacteria samples, and rainfall data were collected for three (3) of the four (4) Modeling Report subwatersheds simultaneously.

- Consultant is reviewing data and identifying power, beam, or possible maintenance issues weekly.
- Intermittent flow measurements, utilizing the FlowTracker2, will be conducted at the time of grab sampling at the three (3) SonTek IQ flow stations beginning 7/31/23.

Update for WAPAC January 25, 2024 Meeting:

- Staff continue to operate and maintain three (3) SonTek IQ continuous flow monitoring stations in the May River headwaters. Staff expect these systems to be in place for approximately one (1) full year to account for seasonality.
- The Duck Pond subwatershed has no channelized flow entering or exiting the system. The Town's consultant suggested that the Town monitor water elevation in the Duck Pond for approximately 6 months to ensure water elevations are accurately depicted by future modeling. Staff has requested permission to site a water elevation logger in the Duck Pond, near or attached to the Palmetto Bluff bridge.
- Clarification from the consultant determined that due to limited staff time, intermittent flow measurements would be most valuable at six (6) of the Town's water quality monitoring locations upstream of the SonTek IQ flow stations.
- Staff is working diligently to collect samples following wet weather conditions which have been defined as ≥ 0.50 inches of rainfall within 24 hours of sampling. The USCB Water Quality Laboratory has been assisting the Town with ensuring samples can be analyzed on short notice.

Update for WAPAC May 23, 2024 Meeting:

- **Dr. Pettay continues as the Lead Principal Investigator (PI) for both the USCB-MST and Water Quality Laboratories. The MST Laboratory has finalized processing scat samples, and a final report is forthcoming.**

- **Staff continue to operate and maintain three (3) SonTek IQ continuous flow monitoring stations in the May River headwaters.**
 - In FY23, the Town and its consultant determined it did not have sufficient data for the Rose Dhu Creek and Palmetto Bluff subwatersheds for model calibration. In April 2023, the Rose Dhu Creek and Palmetto Bluff SonTek-IQ Plus instruments, were installed and/or upgraded with Turnkey/Cloud-based Systems.
 - The Stoney Creek subwatershed SonTek IQ-Plus has operated almost continuously for two (2) full years. In FY23, the Town understood it had enough quality continuous and intermittent flow data for this subwatershed, so the SonTek-IQ Plus instrument was not upgraded with Turnkey/Cloud-based Systems. However, staff continued with continuous flow data collection (downloading data manually) efforts in conjunction with the Rose Dhu Creek and Palmetto Bluff subwatersheds.
 - Water Environmental Consultants (WEC) has been conducting a weekly review of all continuous and intermittent flow data collected since The Town's Turnkey/Cloud-based Systems were implemented in April 2023. In April 2024, the one (1) full year of data collection ended. This data collection period allowed the Town to account for seasonality. WEC will provide final reports detailing these three (3) subwatersheds continuous and intermittent flow data for stormwater model calibration. These reports are expected to be received in FY25 for the Rose Dhu Creek, Stoney Creek, and Palmetto Bluff subwatersheds.
- The Duck Pond subwatershed has no channelized flow entering or exiting the system. The Town's consultant suggested that the Town monitor water elevation in the Duck Pond for approximately 6 months to ensure water elevations are accurately

depicted by future modeling. Staff has requested and received permission to site a water elevation logger in the Duck Pond, near or attached to the Palmetto Bluff bridge. This work is anticipated to commence July 2024 (Start of FY25).

- Staff are working diligently to collect samples following wet weather conditions which have been WEC further defined wet weather as samples collected within 24-hours of ≥ 0.50 inches of rainfall. The USCB Water Quality Laboratory has been assisting the Town with ensuring samples can be analyzed on short notice.
- The Town has been operating two (2) weather stations to collect local rainfall data in the May River Watershed. One weather station is located at the Town's Watershed Management Division Office and the other is located at the Town's Police Department Building. This data has been shared with WEC for inclusion in final reports.
- The Town collects tidal elevation data utilizing a HOBO-U20 at the Calhoun Street Dock in Bluffton. WEC deployed two (2) headwater tidal elevation instruments on docks near the Rose Dhu Creek and Stoney Creek subwatershed model boundaries. This study was conducted for a period of 4-weeks to establish the relationship between the tidal amplitude and timing in the headwaters of the May River and the long-term tide gauge operated by the Town at the Calhoun Street dock. The outcomes of this study will be included in WEC's final reports.



May River Watershed Action Plan Advisory Committee Meeting

Thursday, July 25, 2024 at 3:00 PM

**Theodore D. Washington Municipal Building, Henry "Emmett" McCracken Jr. Council Chambers,
20 Bridge Street, Bluffton, SC**

AGENDA

I. CALL TO ORDER

II. ROLL CALL

III. ADOPTION OF MINUTES

1. Adoption of June 27th, 2024 Minutes

IV. PUBLIC COMMENT

V. NEW BUSINESS

1. Election of Officers - Beth Lewis, Water Quality Program Manager
2. Strategic Plan Priority Seven (7) to establish a Climate Resiliency Plan for adaptation to coastal impacts from changing environmental conditions ("rain bombs" and sea level rise) on stormwater runoff water quality and quantity. Assess the environmental resilience of stormwater ponds to changing climate conditions for retrofit opportunities, e.g. ensuring ponds have capacity to hold rain events instead of being pumped full with ground water. – Beth Lewis, Water Quality Program Manager

VI. ADJOURNMENT

NEXT MEETING DATE: August 22nd, 2024

“FOIA Compliance – Public notification of this meeting has been published and posted in compliance with the Freedom of Information Act and the Town of Bluffton policies.”

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the Town of Bluffton will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. The Town of Bluffton Council Chambers are ADA compatible. Auditory accommodations are available. Any person requiring further accommodation should contact the Town of Bluffton ADA Coordinator at 843.706.4500 or adacoordinator@townofbluffton.com as soon as possible but no later than 48 hours before the scheduled event.

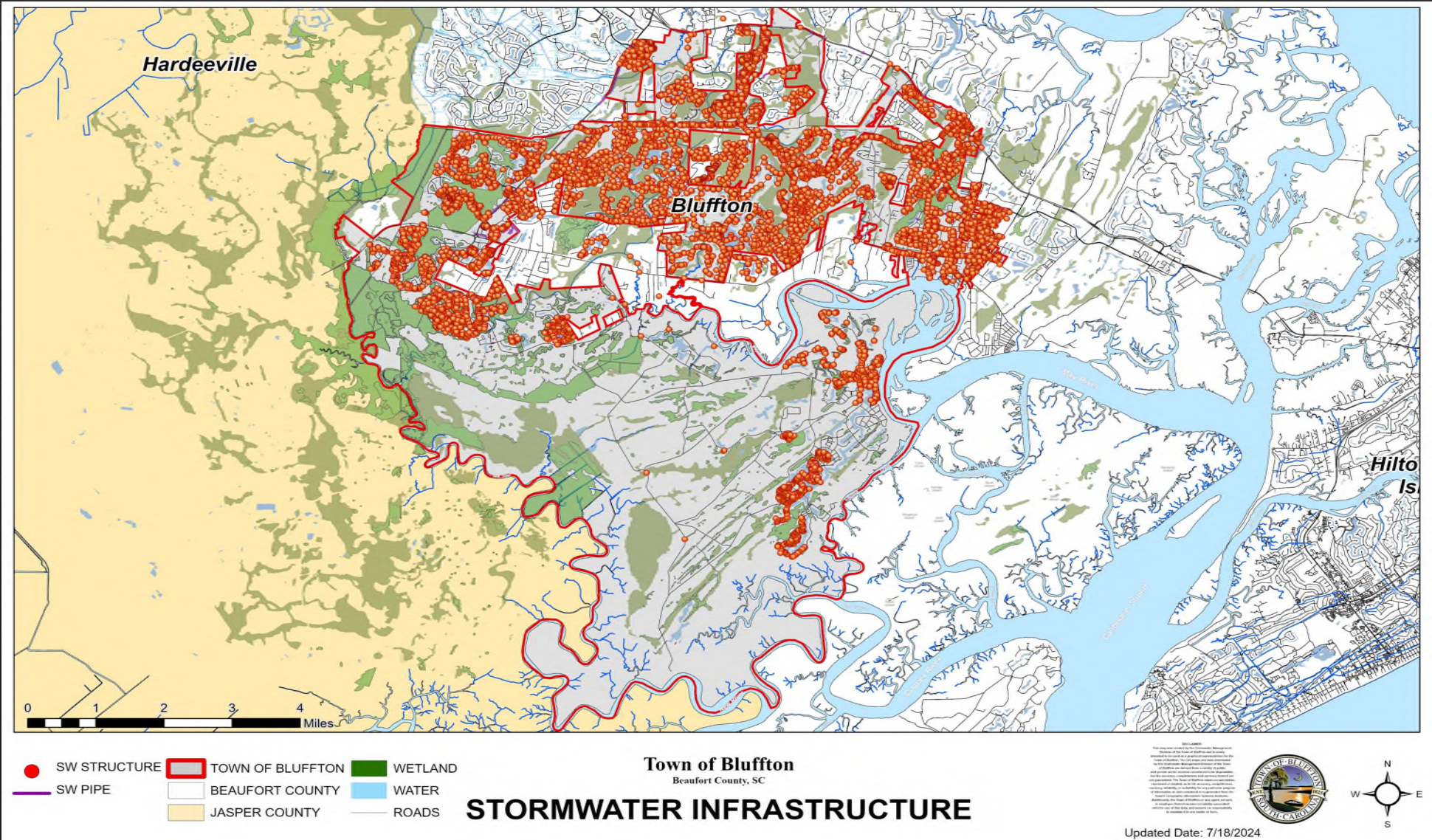
Executive Session – The public body may vote to go into executive session for any item identified for action on the agenda.

**Please note that each member of the public may speak at one public comment session and a form must be filled out and given to the Town Clerk. To submit a public comment online, please click here:*

<https://www.townofbluffton.sc.gov/FormCenter/Town-15/Public-Comment-60>

Public comment is limited to 3 minutes per speaker.

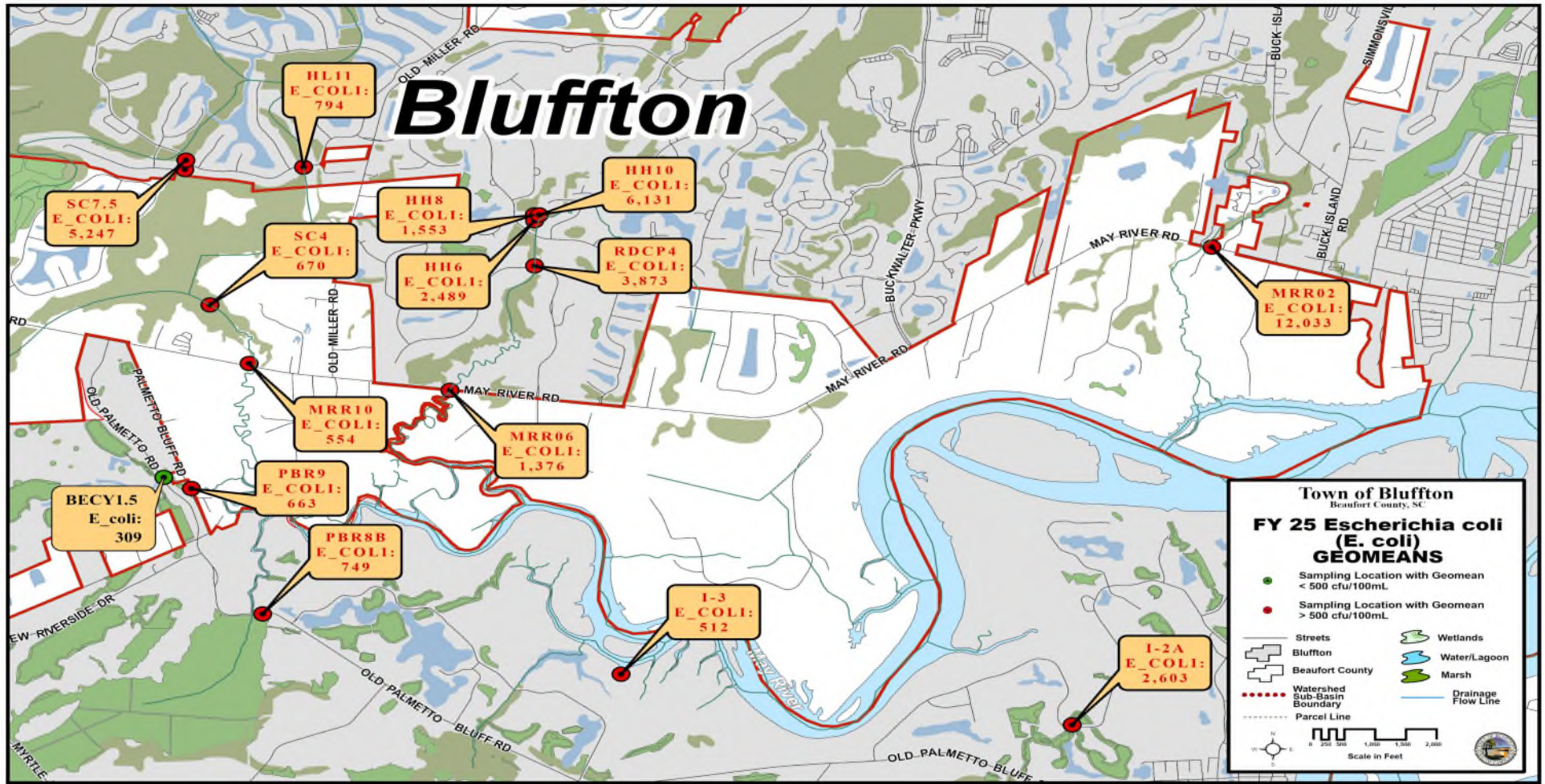
MS4 Minimum Control Measure #3 – IDDE (Illicit Discharge Detection & Elimination): Stormwater Infrastructure Inventory



Stormwater Infrastructure Inventory Collection Status

Collection Totals	17,447
FY 2025 YTD	213

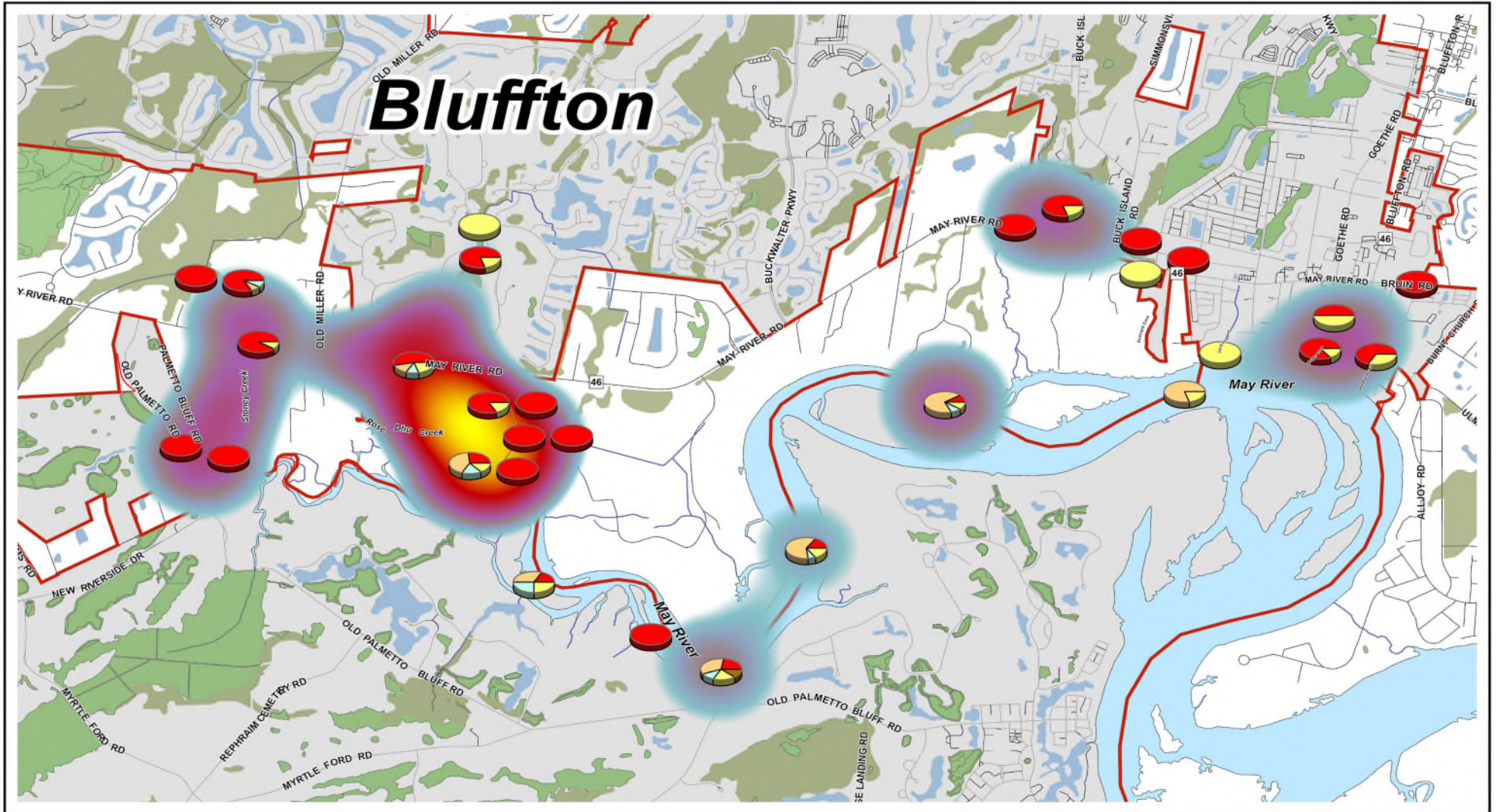
MS4 Minimum Control Measure #3 – IDDE: *E. coli* Concentrations Trend Map



	USCB Water Quality Samples	Microbial Source Tracking Samples	MS4 Quarterly Samples Collected
FY 2025 YTD Totals	48	5	0
FY 2024 Totals	620	62	209
FY 2023 Totals	584	108	108

Totals include only samples submitted for laboratory analysis, and not *in situ* parameters.

MS4 Minimum Control Measure #3 – IDDE: Microbial Source Tracking (MST) Trend Map



MST Sampling Results

- Human
- Bird
- Deer
- Dog
- Horse

MST Sampling Sites

Intensity of samples

- Representative of Low Sampling Distribution
- Representative of High Sampling Distribution

MICROBIAL SOURCE TRACKING (MST) LOCATIONS

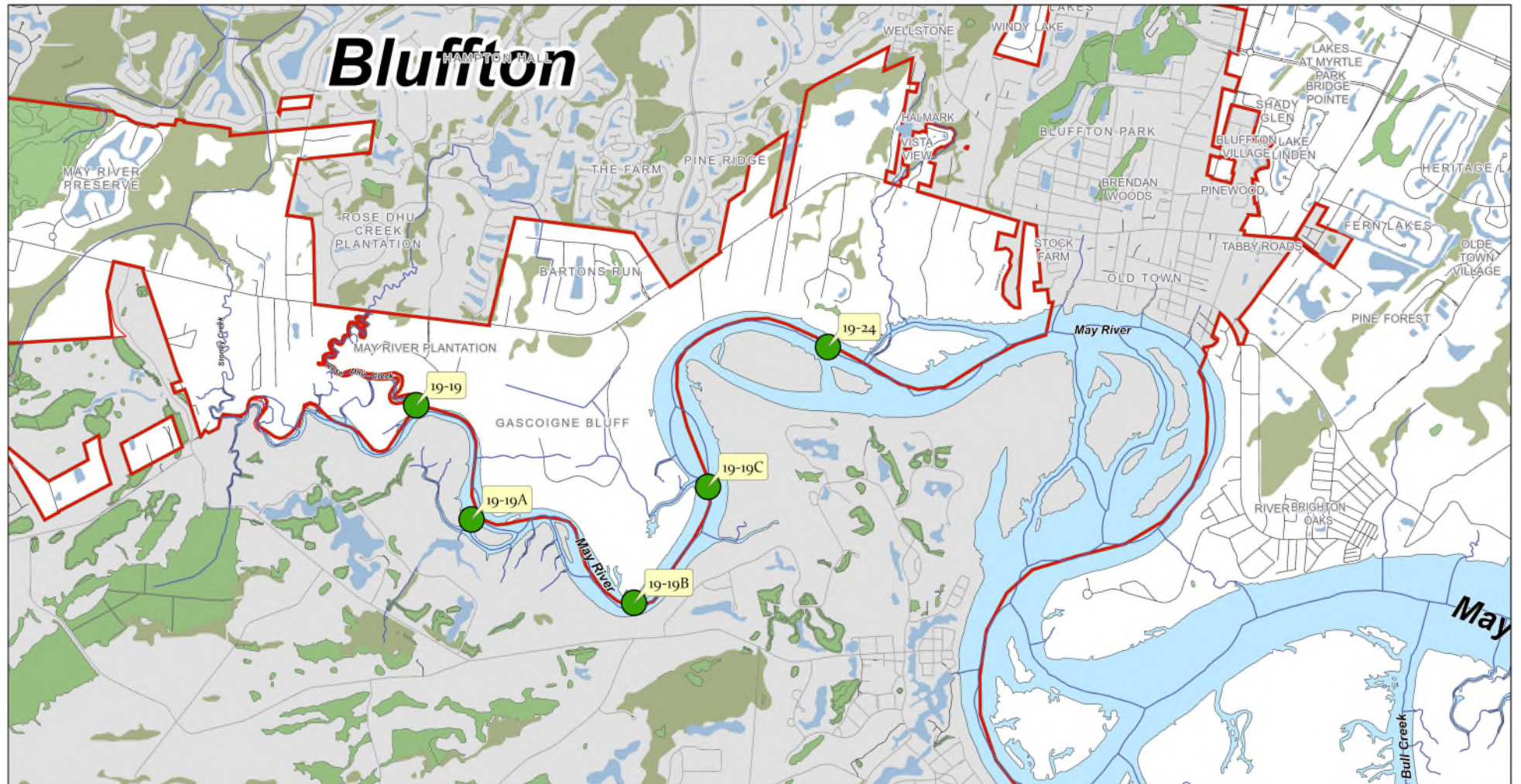
Samples at Sites With Positive Detection
and the Intensity of Positive Hits

Town of Bluffton
Beaufort County, SC

- Town Jurisdiction
- Beaufort County
- Drainage Flow Lines

Updated Date: 7/18/2024

MS4 Minimum Control Measure #3 – IDDE: Microbial Source Tracking (MST) Map – Human Sources

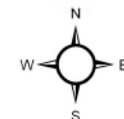


- MST Sampling Location Without Human Genetic Marker Detection
- MST Sampling Location With Human Genetic Marker Detection
- Flowline
- Street
- ▭ Town Jurisdiction
- ▭ County Jurisdiction

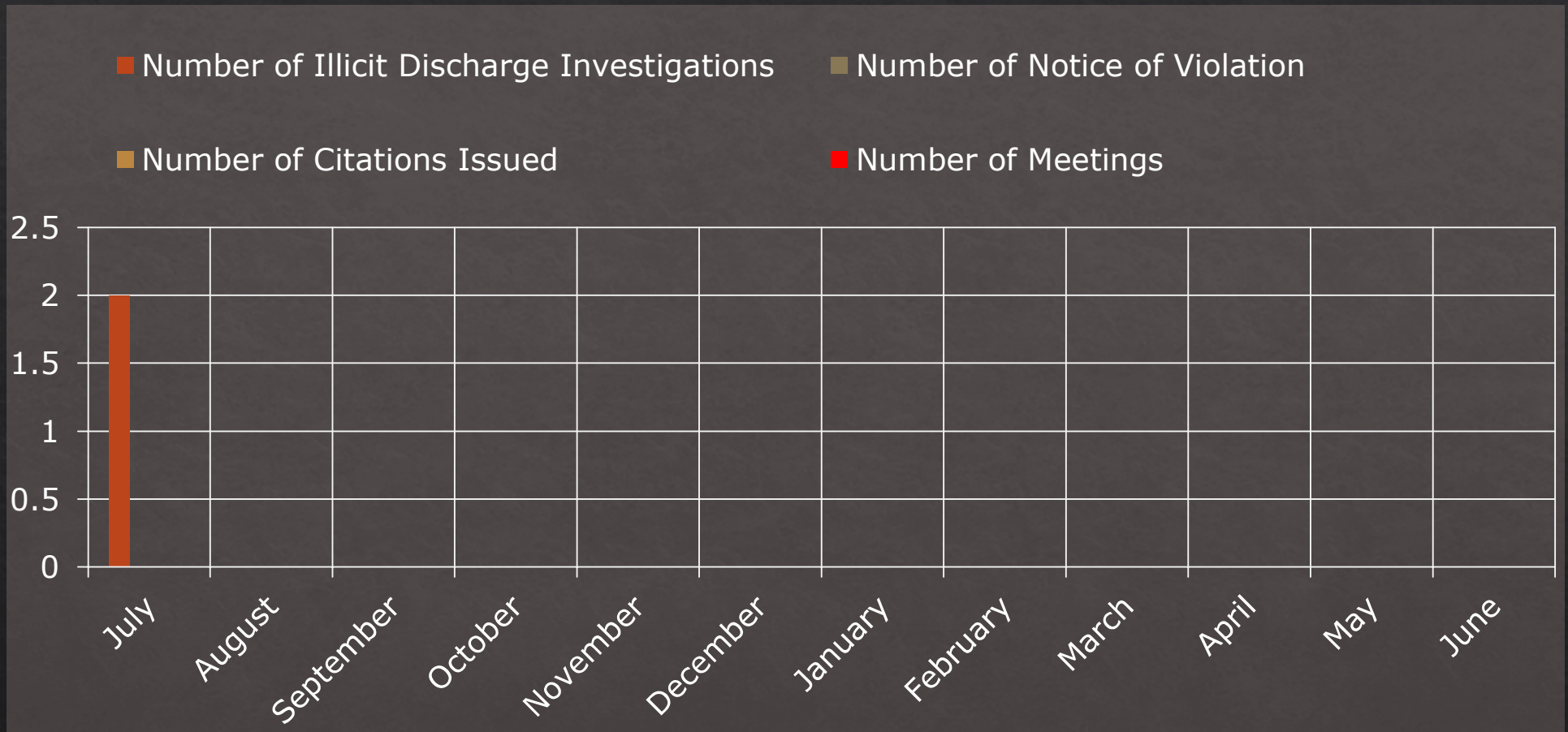
MICROBIAL SOURCE TRACKING LOCATIONS

Sampling Results July 8, 2024 SCDES Sampling

Town of Bluffton
Beaufort County, SC

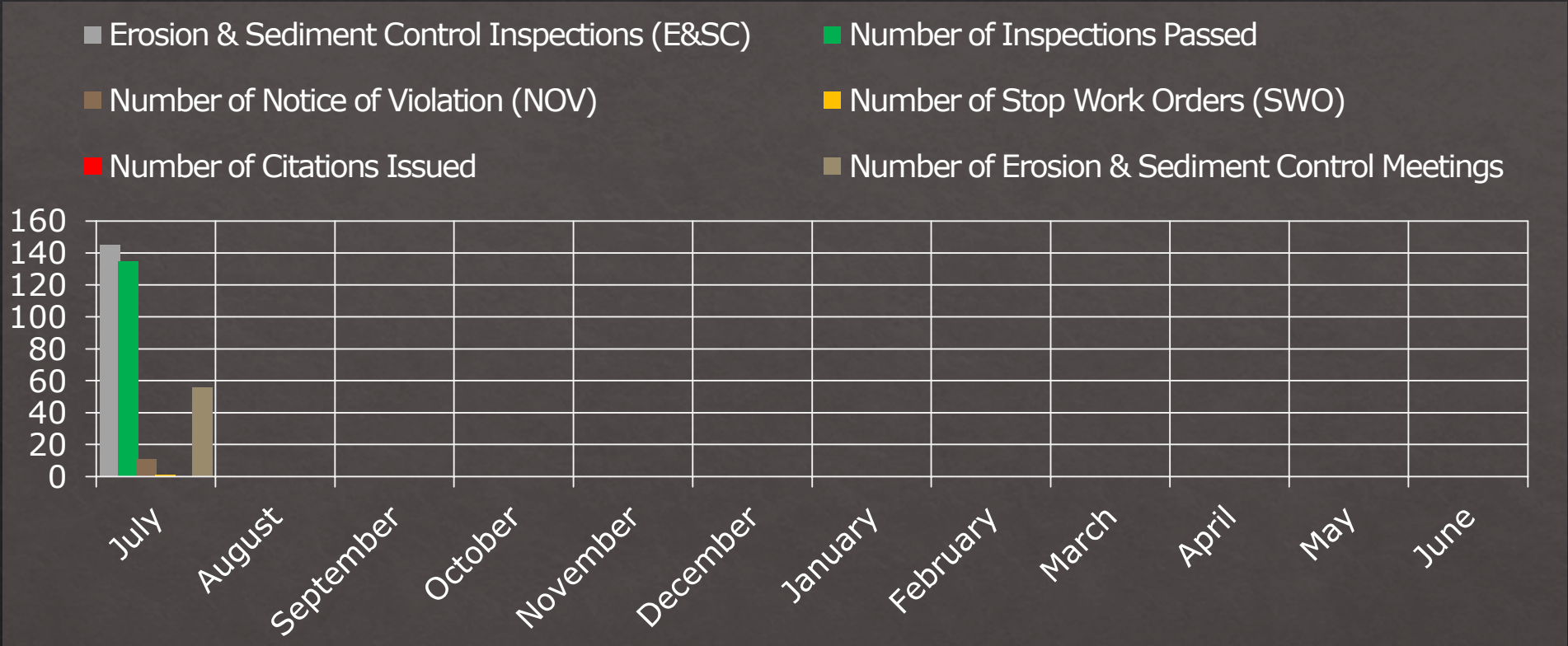


MS4 Minimum Control Measure #3 – IDDE: Illicit Discharge Investigations



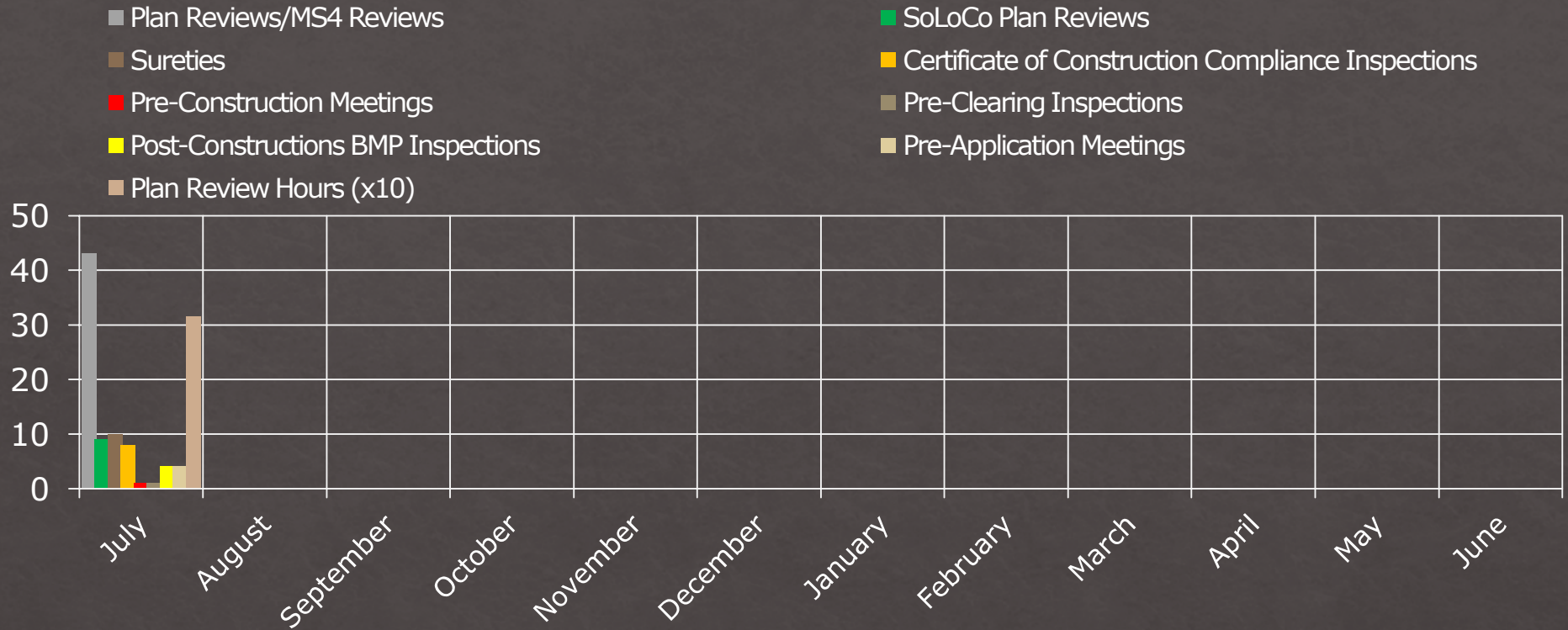
	Number of Illicit Discharge Investigations	Number of Notices of Violation Issued	Number of Citations Issued	Number of Meetings
FY 2025 YTD Totals	2	0	0	0
FY 2024 Totals	33	15	15	35
FY 2023 Totals	27	8	1	20

MS4 Minimum Control Measure #4 - Construction Site Stormwater Runoff Control



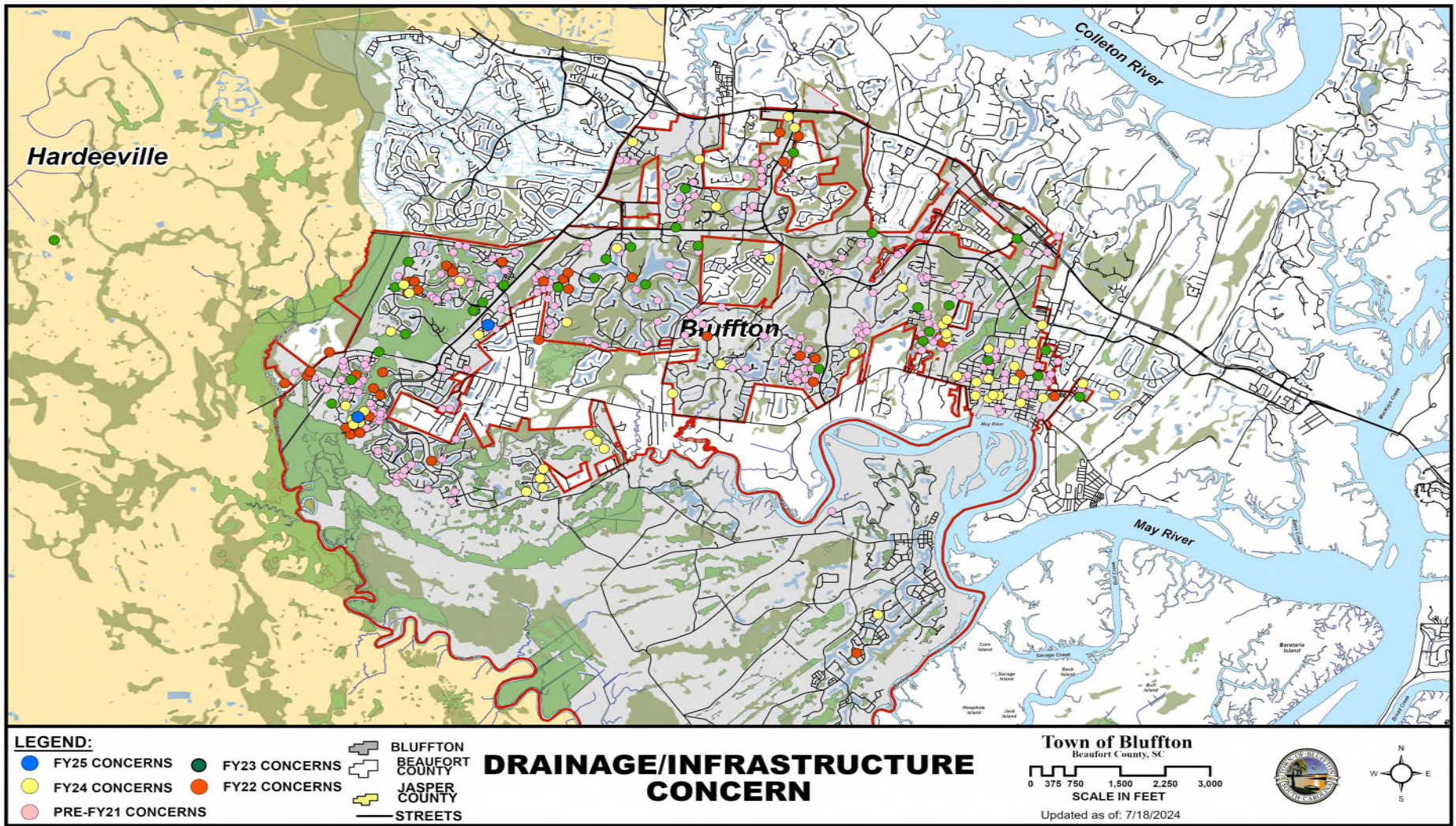
	Number of Sediment & Erosion Control Inspections	Number of Inspections Passed	Number of NOV's Issued	Number of SWO Issued	Number of Citations Issued	Number of E&SC Meetings
FY 2025 YTD Totals	145	135	11	1	0	56
FY 2024 Totals	1,875	1,767	103	10	0	526
FY 2023 Totals	2,321	2,030	266	26	0	577

MS4 Minimum Control Measure #5 Stormwater Plan Review & Related Activity



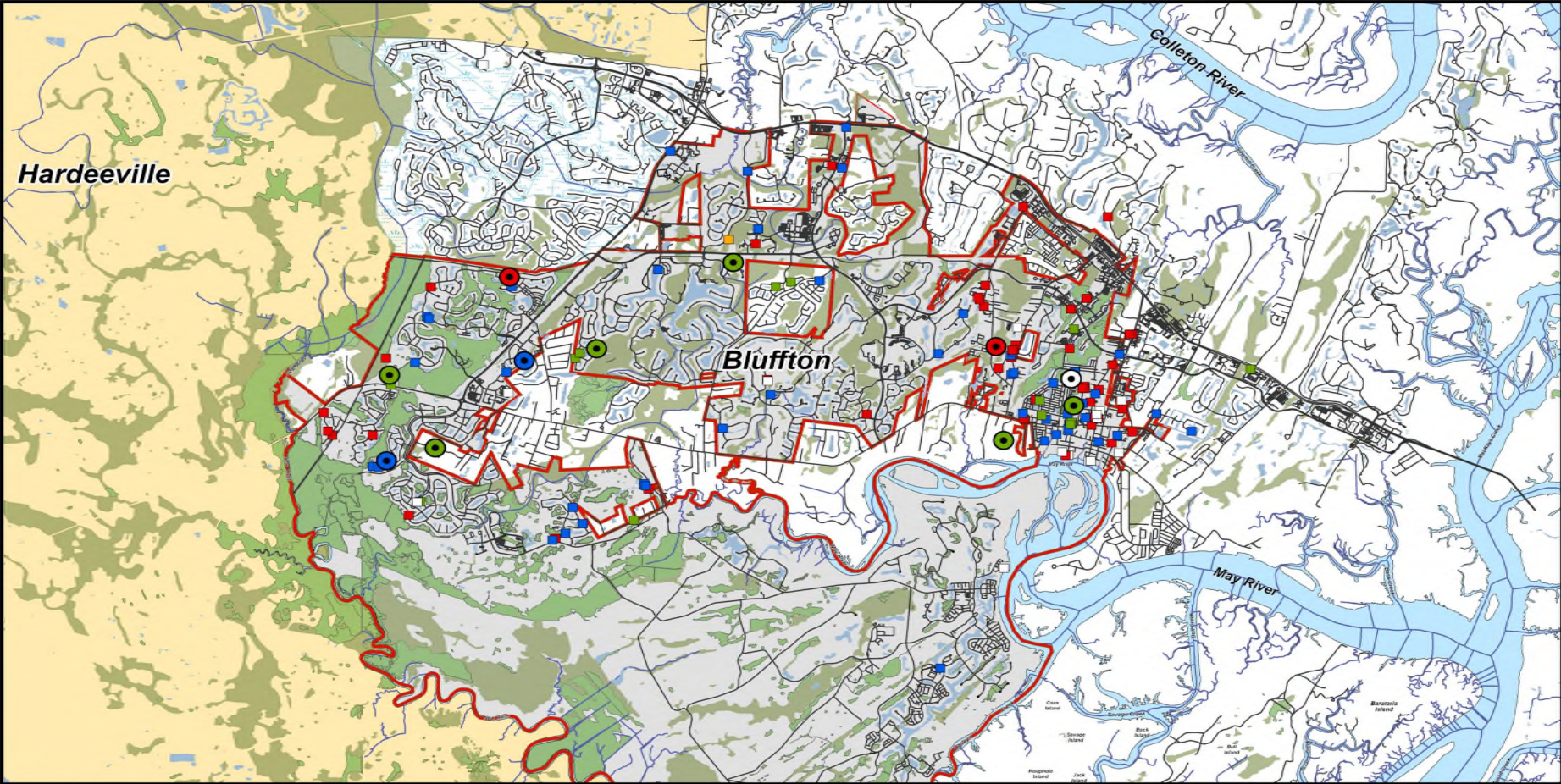
	Plan Reviews MS4 Reviews	SoLoCo Plan Reviews	Sureties	CCC Inspections	Pre-Construction Meetings	Pre-Clearing Inspections	Post Construction BMP Inspections	Pre-Application Meetings	Total Plan Review Hours
FY 2025 YTD	43	9	10	8	1	1	4	4	31.50 Hrs.
FY 2024 Totals	330	63	27	69	37	28	48	47	283 Hrs.
FY 2023 Totals	297	67	42	40	15	13	45	50	386 Hrs.

Citizen Drainage, Maintenance and Inspections Concerns Map



	Number of Drainage Concerns Investigated	Number of Meetings
FY 2025 YTD Totals	2	0
FY 2024 Totals	47	13
FY 2023 Totals	61	52

Citizen Request for Watershed Mngt. Services & Activities Map



- LEGEND:**
- EROSION
 - DRAINAGE/
FLOODING
EDUCATION/
OUTREACH
 - IDDE
 - INFRASTRUCTURE/
MAINTENANCE
OTHER
 - Fy 2024 Reports

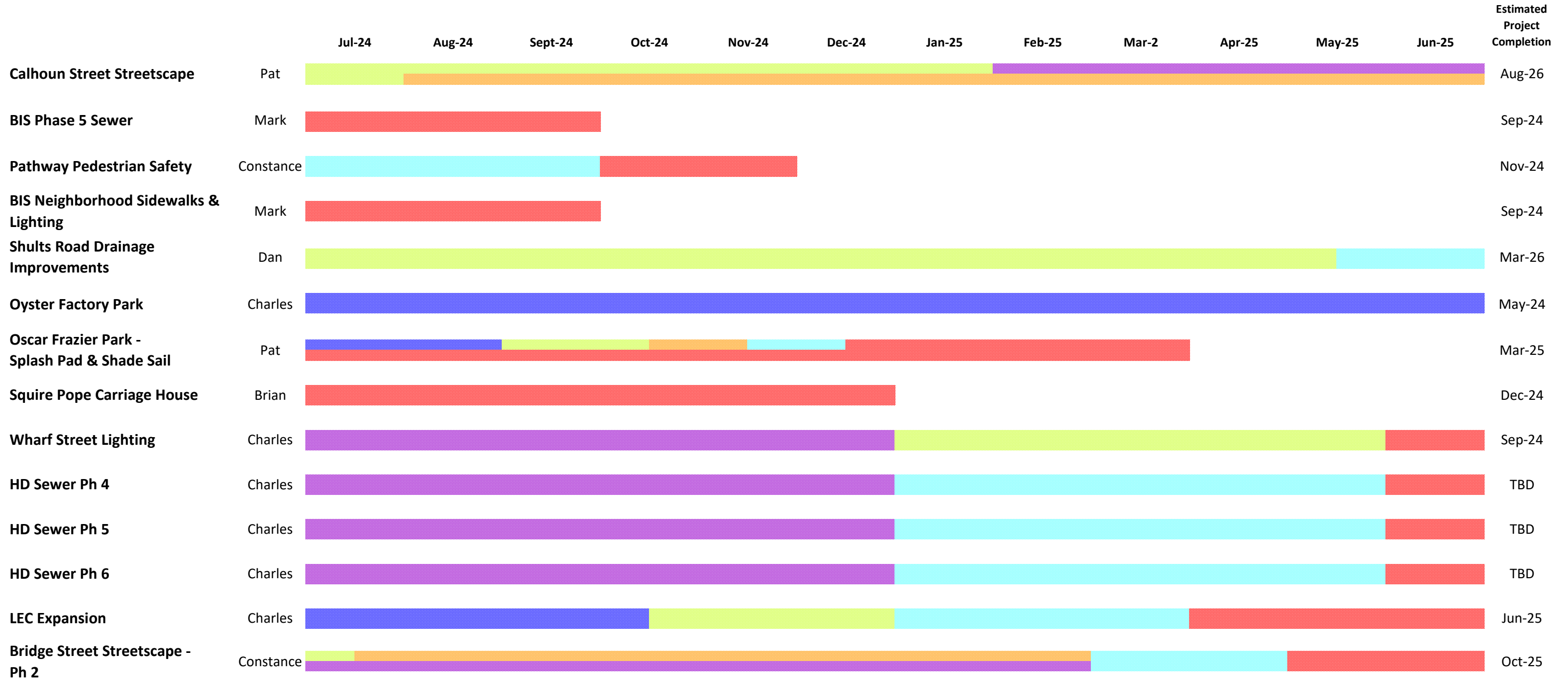
**NON ROUTINE
WATERSHED MANAGEMENT
SERVICES & ACTIVITIES MAP**

BLUFFTON
BEAUFORT COUNTY
STREET

Town of Bluffton
 Beaufort County, SC
 0 375 750 1,500 2,250 3,000
 SCALE IN FEET
 Updated Date: 7/18/2024

	Number of Citizen Requests Investigated	Number of Meetings
FY 2025 YTD Totals	10	2
FY 2024 Totals	137	40
FY 2023 Totals	46	23

FY25 CIP Master Project Schedule



■ Planning & Conceptual Design
 ■ Final Design & Construction Documents
 ■ Permitting
 ■ Easement & Land Acquisition
 ■ Bidding & Contracts
 ■ Construction

SUBJECT TO CHANGE

FY25 CIP Master Project Schedule



■ Planning & Conceptual Design
 ■ Final Design & Construction Documents
 ■ Permitting
 ■ Easement & Land Acquisition
 ■ Bidding & Contracts
 ■ Construction

SUBJECT TO CHANGE



BEAUFORT COUNTY
STORMWATER MANAGEMENT UTILITY BOARD AGENDA
Wednesday, October 16th, 2:00 p.m.
County Council Chambers
Beaufort, South Carolina 843.255.2805

1. CALL TO ORDER – 2:00p.m.

In accordance with South Carolina Code of Laws, 1976, as amended, Section 30-4-80(d), all local media was duly notified of the time, date, place and agenda of this meeting.

- A. Approval of Agenda
- B. Approval of Minutes – August 21st, 2024
([backup](#))

2. INTRODUCTIONS

3. PUBLIC COMMENT

4. REPORTS

- A. Utility Update – Katie Herrera ([backup](#))
- B. Monitoring Update – Katie Herrera ([backup](#))
- C. Stormwater Implementation Committee Report – Katie Herrera([backup](#))
- D. Regional Coordination – Katie Herrera ([backup](#))
- E. Municipal Reports – Taylor Brewer ([backup](#))
- F. Stormwater Related Projects – Taylor Brewer ([backup](#))
- G. Professional Contracts Report – Taylor Brewer ([backup](#))
- H. MS4 Update – Taylor Brewer ([backup](#))
- I. Staff Update – Taylor Brewer ([backup](#))
- J. Maintenance Projects Report – Stephen Carter ([backup](#))
- K. Liaison Report - Ms. Alice Howard

5. UNFINISHED BUSINESS

6. NEW BUSINESS

7. PUBLIC COMMENT

8. NEXT MEETING AGENDA

- A. Wednesday, December 11th ([backup](#))

9. ADJOURNMENT



