



MEMORANDUM

TO: TOWN COUNCIL
FROM: Department of Engineering
SUBJECT: Department of Engineering Consent Agenda
DATE: September 13, 2016
CC: Marc Orlando, ICMA-CM, Town Manager

CAPITAL IMPROVEMENTS PROGRAM (CIP) & SPECIAL PROJECTS UPDATES

PATHWAYS

1. Goethe/Shults Sidewalks: Engineered Design Phase

- The engineer has addressed the comments from SCDHEC/OCRM and the permit has been issued.
- The encroachment permit application to Beaufort County has been submitted and approved.
- Working on different proposals for lighting with SCE&G.
- Sent Offer Letter packages to residents for easements on July 14, 2016. Approximately twenty easements have been obtained to date.
- **Next Steps:**
 - Continue to follow up with residents to obtain easements..
 - Begin condemnation process, if required.
 - Working on Construction Documents and bid package.

SEWER & WATER

1. Buck Island-Simmons ville Sewer & Sidewalks (Phase 3): Construction Phase

- Received the "Permit to Operate" from DHEC for the water and sewer this week.
- All sewer and all but 4 water services have been connected.
- BJWSA will not set 4 meters until the residents apply for accounts. These homes were "sharing" water services with other residents.
- Received quote for monitoring devices (2) from Jordan Construction and submitted Change Order to CDBG on Wednesday, August 24th
 - **Sidewalk:**No Bids were received at the Aug 24th bid opening
 - Bid Package was revised and approved by Finance and Director of Engineering and was posted August (DATE) on the Towns website and on the SCBO website (which goes out to several other bid sites).
 - CDBG and EJCDC sections of the contract were removed so this should reduce the price.
 - CDBG is allowing us to swap other items for reimbursement that total

- up to the sidewalk bid.
- Received proposal from Palmetto Electric about relocating the guy wire on the pole at the new Pump Station and adding lights. Finalizing the details. May need additional lights outside the Toy Fields area.
- **Next Steps:**
 - Receive bids on September (DATE) and evaluate Permanent grassing to be completed.
 - Develop final plan with Palmetto Electric for lighting along new sidewalk.

2. Buck Island-Simmons ville Sewer (Phase 4): Engineered Design Phase

- We have sent Jordan Construction contract to CDBG. We received comments from CDBG on July 29th.
- Worked with Michelle Knight w/LCOG and the response package was returned to CDBG on August 19th.
- CDBG requested a revision to the Environmental Review Record. Information has been provided to address the required additional water main that was not anticipated in the original budget
- Engineer has Contractor's material and structure submittals and has forwarded them to BJWSA on August 18th for approval. Approval needed in order to set up Preconstruction conference.
- **Next Steps:**
 - Receive approval of submittals from BJWSA
 - Approval of contract by CDBG Administrator.
 - Pre-construction conference with CDBG and BJWSA.
 - Issuance of Notice to Proceed.
 - Construction anticipated to start in September

3. Buck Island-Simmons ville Sewer (Phases 5): Engineered Design Phase

- The engineer has made the changes requested by BJWSA and resubmitted plans on 8/29/16 for BJWSA approval.
- Engineer is re-designing this area to run along inside the R/W of Simmons ville Rd from Mustang south to BIS Phase 4.
- Realignment of sewer in Simmons ville eliminates the need to acquire 8 easements, reducing the total required amount to 6.
- **Next Steps:**
 - Prepare and submit packages to DHEC/OCRM/SCDOT.
 - Engineer to start on the easement exhibits.

4. Jason Street Sanitary Sewer: Engineered Design Phase

- The engineer finalized the BJWSA comments and returned the plans to BJWSA on August 16th for final approval.
- Engineer sent plans out to DHEC and SCDOT on the August 18th.
- Final plans and bid docs have been submitted to BJWSA.
- BJWSA reviewing plans and bid docs at their Design Review Meeting on 8/31/16.
- The engineer will be assisting BJWSA in creating the bid package, which is proposed to be advertised by the end of August.
- We are obviously trying to move this up so we can start construction sooner.

- **Next Steps**
 - SCDOT Encroachment Permit (waiting on approval)
 - Bid Package finalized by BJWSA
 - Bid Advertisement
 - Finalize DHEC/OCRM permitting

ROADWAY IMPROVEMENTS

1. May River Road Streetscape (Final Phase): Design Phase

- DHEC permit application was submitted to the Charleston Office on June 23, 2016.
- Preferred Materials is ready to start when we have final approval of the plans.
- Preferred Materials has the contract and is processing it through their system
- Have issued an Intent to Award. In order to finalize that process they will need a formal Notice of Award from us.
- We cannot issue the Notice to Proceed until we have the final approval from SCDOT.
 - Meeting with Landscape stakeholders was positive
 - Great feedback and direction
 - Need to decide on Palm trees (Heyward vs. mayor)
 - Simplicity!!
- Resubmitted revisions to SCDOT on the plans and Design Exception report on Thursday the 18th
- T&H able to show that the Pre and Post runoff is the same, which eliminates the need for detention.
- Marks –forwarded the new plan to Mr. Marks for his comments on 8/25/16. Will follow-up this week.
- Advertised RFP for Materials Testing Consultant. Proposals due 9/14/16
- Easement status:
 - Continuing to work with Parkers, Eldon Bright and Marks
 - Condemning Trevor Wells
 - Signed – 31
 - Pending – 6 (3 owners)
 - Issues – 1 (Condemnation)
- **Next Steps**
 - Finalize Plans
 - Revised Landscape plans based on final approved construction plans and comment from stakeholder’s meeting.
 - Execution of contract with Preferred materials
 - Decision on lights south side of May River at west end

2. Dr. Mellichamp Drive

- Conceptual Planning work underway with Witmer, Jones, Keefer.
- Engineering Request For Qualifications (RFQ) was advertised the week of July 25, 2016 for engineering, surveying and related services. Four firms responded to the RFQ.

- PARD grant application was approved for funding of additional parking improvements at MC Riley Sports Complex (\$89,900.00).
- **Next Steps:**
 - Hold meeting with project stakeholders
 - Negotiate scope and fee for Surveying, Final Land Plan and Preliminary Engineering with selected Consultant

PUBLIC SAFETY

1. Wildfire Cameras.

- The site survey revealed a few issues with the initial design. Wildfire has revised design, and the Chief and Major Manning chose the option which keeps the pricing the same.
- Wildfire has amended their proposal to reflect the decision made at the site survey.
- Jeff Wiggins has met with SCE&G and Bluffton Police to review final plans.
- The dock camera has been energized but is not working properly. Wildfire was in Town on Monday the 22nd to resolve the issue. Had to order new camera. Installed on Friday the 26th.
- Proposals from Wildfire and Bluffton Electric assume use of the Town's hydraulic lift, as they did in the past. We will allow them to use it assuming they will sign a liability waiver.
- Received comments from Terry Finger on the SCE&G Pole Attachment Agreement. Forwarded to SCE&G for their review.
- Waiting on equipment and install timing for final schedule. Can start Bluffton Electric and SCE&G as soon we can finalize their paperwork.
- **Next Steps:**
 - Change Order for contract
 - Obtain revised quotes from Bluffton Electric and SCE&G
 - Clarify warranty issues, Help Desk Services, software and firmware updates for Phase 1 & 2
 - Execution of Pole attachment agreement
 - Scheduling of work

2. License Plate Reader

- Working with Police on the LPR camera to be located on a pole at the bridge for the New River (county line).
- Met with NVI(the supplier for the LPR). Ordered equipment and arm.
- Police want to add a street light which allows us to get color images
- SCE&G has confirmed we can use the pole we want and they can provide a secondary power feed for us and can add light.
- SCE&G will add the light after the LPR is installed. Executed change order for extension arm for reader (less than \$700)
- Will stay within original budget.
- **Next steps**
 - Waiting on delivery of equipment (4 weeks)
 - Installation

HISTORIC DISTRICT IMPROVEMENTS

1. Calhoun Street and Adjacent Area Study: Conceptual Design Phase

- "T" striping complete and Bike Racks installed.
- **Next Steps:**
 - Identify and stripe Handicap spaces.

2. Historic District Lighting & Parking Signs

- **Calhoun Street Signs**
- **Next Steps:**
 - Obtain SCDOT permit
 - Negotiate contract with signage fabricator to install
- **Calhoun Street Infill Lighting**
- **Next Steps:**
 - Lease agreements have been executed.
 - Install conduit.
- **Bluffton Road Street Lighting**
 - Initial lease agreement has been executed and all new proposed street lights are ordered.
 - New budget for additional lighting, striping and crosswalk were submitted and approved by finance.
 - A maintenance agreement and Photo Metrix for the new striping and lighting were requested by SCDOT and have been submitted for final approval.
- **Next Steps:**
 - Obtain SCDOT approval for all signage, striping and crosswalk.
 - Install conduit for new lease agreement.

PARK DEVELOPMENT

1. Parks and Recreation Improvements: DuBois Park - Construction Phase

- Received proposals from The Greenery and Ocean Woods for additional lighting.
- Received four (4) proposals for the Shade Sails above park swings.
- **Next Steps:**
 - Prepare Invitation to Bid and advertise for Proposals.

2. Oyster Factory Park: Construction Phase

- **Dock**
 - Final reimbursement check has been received from DNR Grant.
 - Foot wash at dock installed and complete.
 - New gate and lock at Pavilion area installed and complete.
 - Additional split rail fence at Pavilion area installed and complete.
 - Golf Cart entrance from parking lot to Garvin Lawn added and complete.
 - **Next Steps:**
 - Life Jacket Station Design complete.
 - Construct Life Jacket Station
- **Parking Lot**

- Parking lot is **complete**
- **Next Steps:**
 - Install shade trees in parking islands; scheduled for 9-26-2016.
- **Garvin House**
 - Flooring system is complete.
 - Porches are framed and dried in.
 - Main structure is tied into the flooring system.
 -

Framing and Stabilization at exterior walls completed.
 Steel support beams have been removed and house is supporting itself.
 South Carolina Historical Marker application has been submitted.

- **Next Steps:**
 -
 - Deconstruct existing exterior fireplace.
 - Start removing existing roof panels and waterproofing existing structure.
 - Continue to document all construction through the County Channel.
 -

TOWN FACILITIES

1. Buckwalter Place Multi-County Commerce Park

- A public-private partnership agreement was established among the Town of Bluffton, the Bluffton Public Development Corporation, and Southeastern Development Associates (formerly known as Blanchard and Calhoun Commercial) for continued public infrastructure investment supportive of the multi-county commerce park.
- Development permit issued.
- **Next Steps:**
 - Mass grading to begin in June 2016 with a building pad completed by end of May 2017.

2. Town Hall Redevelopment

- All interviews were completed and scored.
- Architectural Design Firm has been selected.
- LS3P / Pearce Scott Architecture are under contract.
- Request for Proposals (RFP) for a CM @ Risk was advertised on 8-26-2016.
- **Next Steps:**
 - Start the design process with senior staff and team leaders for the new renovation and addition.
 - Start the procurement procedure for hiring a construction manager at risk to join the design team.

WATERSHED MANAGEMENT

1. Stoney Creek Wetlands Restoration: Data Collection & Analysis Phase

- Following receipt of the draft water budget including hydrology and hydraulics reports on 4/1/16, data collection in support of developing design alternatives was extended due to above average rainfall over the winter.
- Data collection will continue for approximately 2 months into the “dry” season to measure the effects on the water table. This activity is in support of developing preliminary conceptual designs for property owner review/negotiations.
- Final Summary Memo including conceptual design options was received July 5, 2016 and is in Staff review.
- **Next Steps:**
 - Present project options to property owner for selection.

2. 319 Grant Phase 2 (Pine Ridge): Construction Phase

- Substantial completion inspection occurred July 27, 2016 with punch list items to be completed by first week of August.
- Staff submitted a 319 Grant amendment request to extend the grant deadline to January, 30 2017 and reallocate unspent funds. The remaining 319 Grant Phase 2 funds will be reallocated to purchase engineered bacteria removal media filter socks to be installed in the wetland ditch downstream from the New Riverside Pond to maintain bacteria removal efficiency, and to install littoral shelf plantings within ponds in the Pine Ridge Community.
- The grant amendment was approved by SCDHEC and the amended contract was has been executed.
- **Next Steps:**
 - Contractor completes punch list items.
 - Purchase and install engineered bacteria removal filter socks.
 - Design and install littoral shelf plantings as needed.

3. 319 Grant Phase 3 (May River Preserve Pond):

- SCDHEC notified staff that the EPA has approved the grant application and the grant of \$231,350 has been awarded.
- **Next Steps:**
 - Execute grant contract with SCDHEC.
 - Obtain easement for access, construction and maintenance from property owner.

4. Stormwater Utility Management Plan Update

- Beaufort County is the managing partner for this county-wide stormwater master plan update by Applied Technology & Management.
- A series of Public Meetings were held across the County to gather input for the Management Plan Update. The Bluffton meeting was held on Wednesday, June 22, 2016.
- Following public input, Staff is investigating with ATM if the May River Watershed Action Plan water quality model can be completed as part of the Management Plan Update. Contractor was to provide alternatives and cost-estimates to complete the Water Quality Model in August, but requested more data.

- **Next Steps:**
 - Staff is providing updated Best Management Practice locations throughout the watershed to the contractor to develop alternatives and cost-estimates.

DIVISION/STAFF UPDATES

Project Management

- Pat Rooney transferred from Planning to Project Management

Watershed Management

- In support of the Development Review process staff performed:
 - 18 Development Plan Reviews,
 - 3 Development Surety Reviews,
 - 12 Certificate of Construction Compliance Inspections,
 - 2 Pre-Construction meetings,
 - 5 Pre-Clearing inspection, and
 - 1 Post-Construction BMP.
- **August Data Collection –**
 - **Identified 41 outfalls and infrastructure**
 - Collected data from 4 monitoring stations at Niver Property.
 - Collected data from 2 monitoring stations at Pine Ridge.
 - 2 in stream flow/velocity measurements collected.
- Watershed Management staff attended Part V of Pathogens in Urban Stormwater Systems: Transport of Pathogens in the Environment.
- Watershed Management staff participated in the Stormwater Utility Board, Stormwater Implementation Committee, and MS4 and Water Quality Monitoring sub-committee meetings. These meetings allow the three (3) MS4 permit holders/jurisdictions to partner on permit requirements including education and outreach and water quality monitoring.
- May River Watershed Management Plan Advisory Committee held a special meeting on August 17th to discuss a public sewer connection policy.
- Watershed Management Division staff is currently organizing the upcoming Beach Sweep/River Sweep. Staff has been working to secure partnerships, obtain volunteer supplies, and advertise the event. The event is scheduled to take place on September 17th from 9AM-11AM at Oyster Factory Park.
- Watershed Management Division staff has been working with the USCB Water Quality Laboratory to develop and implement a sampling regiment for monitoring associated with the Town's most recent 319 Grant, May River Preserve Project.
- Watershed Management Division staff has been participating in the online Clemson University Post-Construction BMP Inspector Course.

Public Works

- **Ditch/Drainage Maintenance –**
 - Performed weekly street sweeping on Calhoun Street, Highway 46, Simonsville Road, and Buck Island Road curbs and medians.
 - Performed routine maintenance on ditches and drainage features throughout the jurisdictional limits of the Town.

- Commenced routine mowing of roadside Ditches, Main waterway ditch banks, Palmetto Bluff Pond and New River Trail.
- **Performed inspection on the following ditches –**
 - Brown’s property ditch
 - Palmetto Bluff Pond
- **Infrastructure crew participated in a multijurisdictional litter cleanup effort along a two mile stretch of May River Road, collecting over 83 bags of trash and debris (1250 lbs)**
- **Beautification Program –**
 - Eagles Field
 - Mow and rake the field
 - New fence has been installed
 - Playground is now open
 - Ongoing trash cleanup throughout Old Town including:
 - May River Road
 - Burnt Church Road
 - Highway 46
 - Simmonsville Road
 - Buck Island Road
 - Ongoing routine landscape maintenance at the following facilities:
 - Town Hall new pine straw has been spread around the building.
 - DuBois Park new sod has been placed in thin areas.
 - Calhoun Dock
 - 1261 May River Road
 - 1264 May River Road
 - Oyster Factory Park new landscaping has been installed.
 - Law Enforcement Center
 - Buckwalter Park new pine straw has been installed.
 - Eagles Field
 - Rotary Community Center
 - Public Works Facility
 - Pritchard Park
 - Corner Park on Bruin Road & Pritchard Street –Replaced crosswalk
- **AUGUST Town Trash & Recycling Program –**
 - total phone calls 174
 - new services 40
 - trash pickups missed 5
 - recycle pickups missed 3
 - broken carts 27
 - missing carts and bins replaced 15
 - miscellaneous calls 84
 - Total Town of Bluffton residences served 6979
 - Staff continues communications with Waste Management reviewing level of services and current monthly services.
- **AUGUST Work Requests Completed –23**

○

Attachments:

1. May River Watershed Action Plan Update*
2. SCDHEC Shellfish Harvesting Monitoring Data
3. Fecal Coliform Concentrations Trend Map
4. Erosion and Sediment Control Inspections
5. Illicit Discharge Investigations
6. Drainage Concerns
7. Septic System Maintenance Assistance
8. Citizen Request for Stormwater Services Heat Map
9. Headwater Infrastructure Capture Map
10. May River Watershed Action Plan Advisory Committee Agenda

* Attachment noted above includes the latest updates in ***bold*** and ***italic*** font.

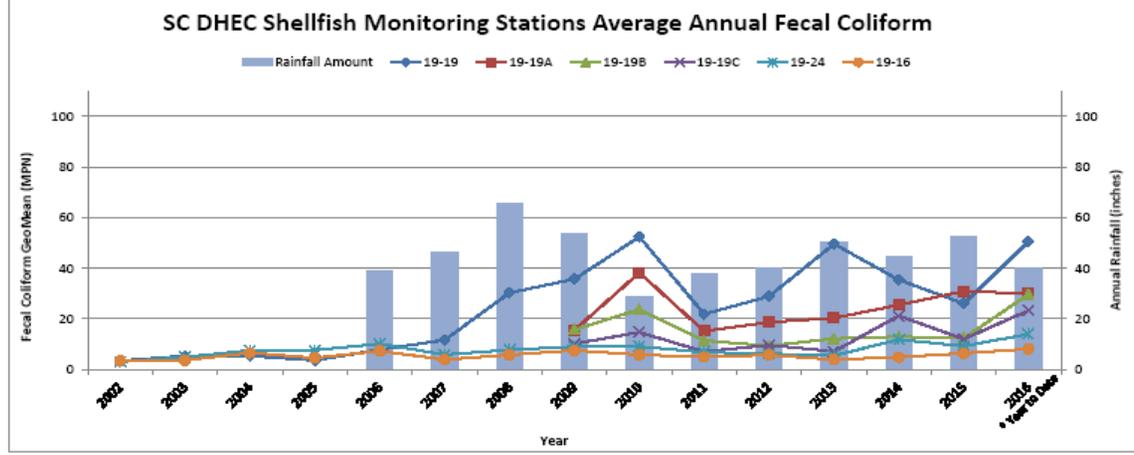
ACTIVITY - PROJECTS	STATUS
Septic Conversion to Sanitary Sewer	Buck Island/Simmons ville Road (BIS) Phases I and II are completed. Toy Fields is completed. Current project updates are included in Consent Agenda.
May River 319 Grant Phase I - New Riverside Pond	Weekly water quality testing on-going. A statistically significant reduction in fecal coliform bacteria concentration exists pre-pond versus post-pond. However, bacteria levels re-load to previous levels prior to discharging into the May River. This leads to management decisions with BMP placement as well as BMPs in-series to maintain bacteria reductions. An amendment to 319 Grant Phase 2 allows a portion of remaining funds to be reallocated to purchase and install Filtrexx bacteria removal media filter socks in the ditch downstream from the pond outfall to prevent bacteria re-load prior to discharging to the May River.
May River 319 Grant Phase II - Pine Ridge	Data collection ongoing. A substantial completion inspection was conducted on June 27, 2016. Current project updates are included in Consent Agenda.
May River 319 Grant Phase III - May River Preserve	This grant award of \$231,350 will be for construction of a shallow pond known as a Green Tree Reservoir. Current project updates are included in Consent Agenda.
Stoney Creek Wetlands Restoration: Conceptual Phase	Adjacent and offsite survey work has been completed for preliminary wetland delineation, site characteristics and topography. Wetland and subsurface hydrology evaluation has been completed and the Final Memo & Report was reviewed by Staff. Current project updates are included in Consent Agenda.
May River Watershed Water Quality Model	Preliminary 2002 Palmetto Bluff Duck Pond Drainage area watershed model complete. Completed New Riverside BMP model for comparison to field observations. Rose Dhu Creek sub-watershed "Existing Conditions" portion of the Headwaters Water Quality Model is underway. Current project updates are included in Consent Agenda.
ACTIVITY - POLICY	STATUS
May River Watershed Action Plan Update	To be completed as part of Jones' Ph.D. dissertation with direction and input from staff, the public, Water Quality Technical Advisory Committee, May River Watershed Advisory Committee, and Town Council during FY17 through FY18 in connection with Comprehensive Plan Update.

ACTIVITY - PROGRAMS	STATUS
Sewer Connection Program	In FY17 Council allocated \$200,000 for a Sewer Connection Program. Staff is working with the May River Watershed Action Plan Advisory Committee (WAPAC) to develop a draft policy for prioritization of efforts for Council's consideration at a future workshop. Through Neighborhood Assistance Program, income qualified individuals can receive assistance to connect to existing sanitary sewer. Funded at \$10,000 for FY17. WAPAC met August 17th to review a draft Public Sewer Connection policy and provide input. Committee will discuss revisions at September 22, 2016 meeting.
Septic System Maintenance Program	Funded at \$10,000 for FY17. On-going assistance offered to Town residents in need regardless of financial status through Neighborhood Assistance Program.
Water Quality Monitoring Program	Bacterial "hot spot" and BMP efficacy monitoring continue within the headwaters. Proposed expansion of program to meet MS4 requirements under development. Additional monitoring efforts to identify potential locations of human sources of bacteria to begin after TAC review of sampling regimen.
Sediment & Erosion Control Program	Sediment and erosion control inspections with escalating enforcement response continue.
Ditch Inspection/Maintenance Program	Coordinate with SCDOT, Beaufort County and Town Public Works to inspect and maintain ditches within the Town's jurisdiction.
Infrastructure Mapping/GIS	Data points continue to be collected as new development occurs to populate water quality model and meet MS4 requirements.
Public Outreach/Participation/Involvement	Outreach and involvement efforts continue through county-wide partnership with Carolina Clear as Lowcountry Stormwater Partners - Neighbors for Clean Water and through local cleanups and school classes. Planning for September 17th Beach Sweep/River Sweep event.
Development Plan Review Program	Staff supports development plan review process to ensure current BMPs for water quality and water quantity are incorporated into new developments.
ACTIVITY - FINANCIAL	STATUS
Additional Funding Opportunities - Buckwalter School Campus Pond Retrofit	The Buckwalter School Campus project was not selected for funding by the 319 Grant Selection Committee. Removed from FY17 CIP list.

SCDHEC Shellfish Harvesting Monitoring Data

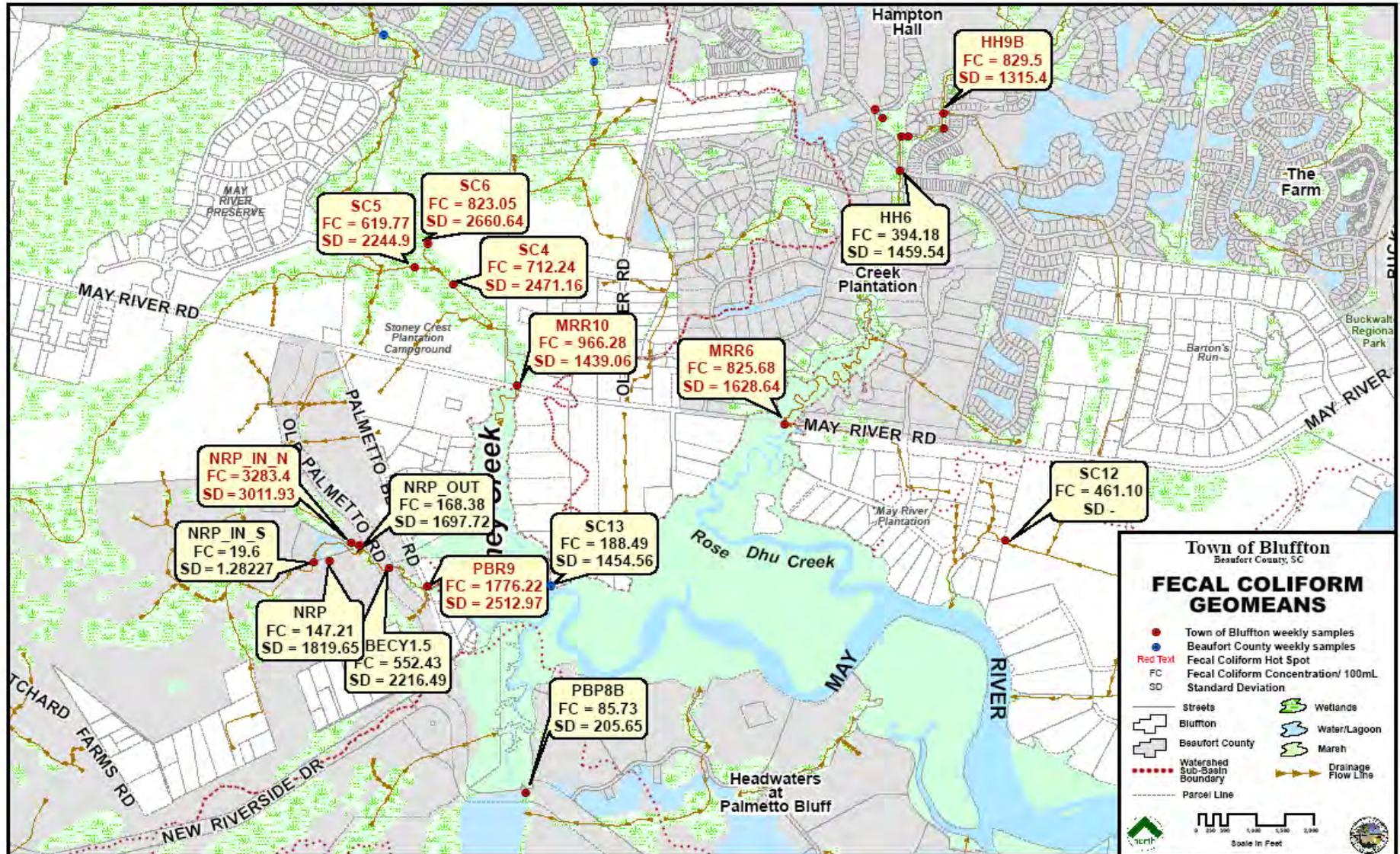
	19-19				19-19A				19-19B				19-19C				19-24				19-16			
	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016
	Fecal Coliform (MPN)																							
December	7.8	11.0	110.0		7.8	7.8	33.0		7.8	11.0	27.0		7.8	23.0	7.8		1.8	33.0	6.8		4.5	13.0	4.5	
November	11.0	49.0	NS		17.0	33.0	NS		17.0	17.0	NS		2.0	33.0	NS		13.0	31.0	NS		13.0	6.8	NS	
October	13.0	17.0	23.0		13.0	7.8	49.0		70.0	4.5	4.5		13.0	6.8	23.0		2.0	4.5	7.8		4.5	2.0	4.5	
September	33.0	27.0	46.0		17.0	17.0	17.0		7.8	2.0	9.3		13	4.5	17.0		7.8	4.5	23.0		6.8	2.0	4.5	
August	11.0	49.0	6.8		2.0	49.0	17.0		23	33.0	13.0		9.2	70.0	13.0		9.2	46.0	24.0		1.8	17.0	4.0	
July	6.8	17.0	17.0	79.0	4.5	7.8	7.8	17.0	7.8	1.8	6.8	22.0	2.0	1.8	11.0	17.0	1.7	2.0	2.0	49.0	1.7	1.8	4.5	13.0
June	1600.0	NS	33.0	79.0	920.0	NS	46.0	130.0	1.7	NS	11.0	70.0	1.7	NS	14.0	110.0	11.0	NS	4.5	33.0	7.8	NS	11.0	23.0
May	46.0	33.0	NS	70.0	13.0	33.0	NS	23.0	7.8	9.2	NS	49.0	7.8	49.0	6.8	49.0	4.0	7.8	6.8	14.0	2.0	2.0	23.0	17.0
April	1700.0	130.0	1.8	23.0	40.0	79.0	33.0	23.0	2.0	170.0	17.0	13.0	1.7	240.0	17.0	13.0	1.7	23.0	13.0	7.8	2.0	13.0	17.0	1.8
March	79.0	23.0	170.0	33.0	49.0	33.0	130.0	33.0	17.0	11.0	49.0	33.0	22.0	13.0	17.0	17.0	22.0	6.8	13.0	11.0	2.0	4.5	6.8	7.8
February	350.0	110.0	13.0	23.0	46.0	33.0	14.0	17.0	79.0	79.0	1.8	13.0	49.0	79.0	1.8	11.0	17.0	33.0	7.8	6.8	7.8	13.0	2.0	1.8
January	23.0	49.0	79.0	110.0	17.0	79.0	79.0	33.0	23.0	13.0	49.0	49.0	13.0	11.0	33.0	17.0	4.5	7.8	17.0	7.8	4.5	2.0	7.8	17.0
Additional Samples																								
Average Annual GeoMean	49.6	35.4	26.0	50.5	20.3	25.5	30.9	30.0	12.2	13.0	12.3	29.7	7.1	21.2	12.0	23.4	5.5	11.8	9.2	14.0	3.9	4.8	6.4	6.0
** Truncated GeoMetric Mean	34.0	31.0	37.0	36.0	23.0	17.0	21.0	28.0	14.0	10.0	11.0	15.0	10.0	7.0	11.0	16.0	7.0	6.0	7.0	9.0	5.0	4.0	4.0	6.0
** Truncated 90th Percentile	172.0	207.0	205.0	106.0	119.0	82.0	95.0	81.0	61.0	40.0	51.0	69.0	43.0	29.0	55.0	71.0	26.0	21.0	30.0	26.0	17.0	13.0	13.0	20.0

NS = No Sample
AS = Additional Samples
** Town staff calculations utilizing DHEC statistics



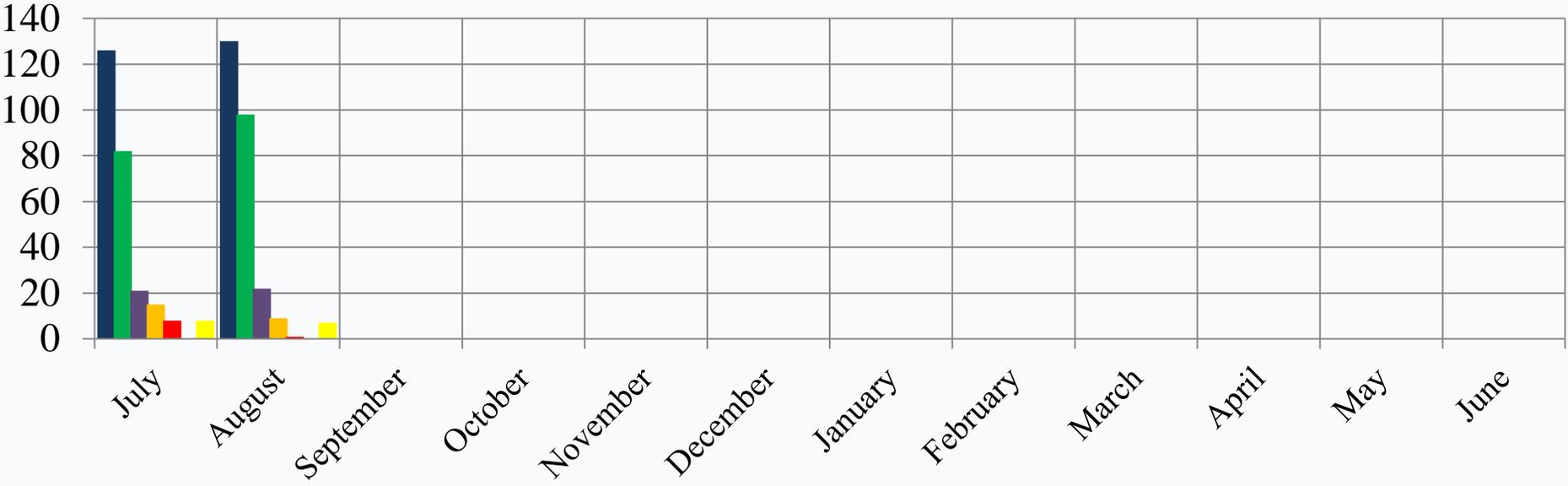
Attachment 3

Fecal Coliform Concentrations Trend Map



Erosion and Sediment Control Inspections

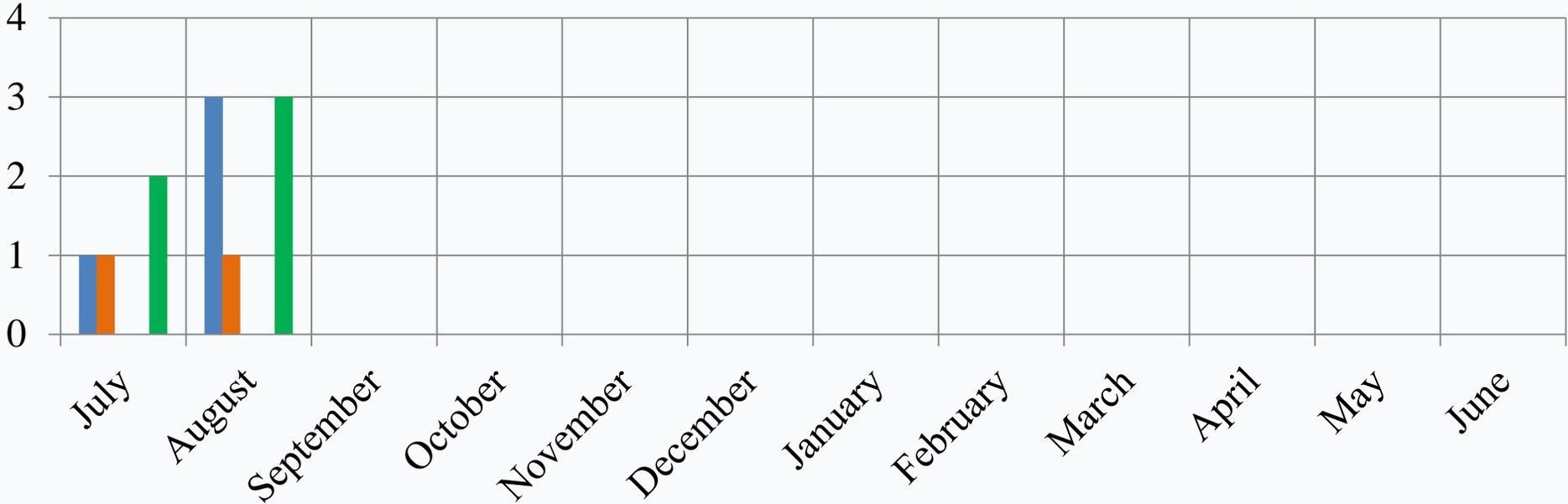
- Erosion & Sediment Control Inspections (E&SC)
- Number of Inspections Passed
- Number of 1st Notice To Comply (NTC)
- Number of 2nd Notice To Comply
- Number of Notice of Violation (NOV)
- Number of Fines for Notice of Violation
- Number of Erosion & Sediment Control Meetings



FY 2017 YTD	Number of Sediment & Erosion Control Inspections	Number of Inspections Passed	Number of 1st NTC Issued	Number of 2nd NTC Issued	Number of NOV's Issued	Number of NOV's Fines Issued	Number of E&SC Meetings
	256	180	43	24	9	0	15

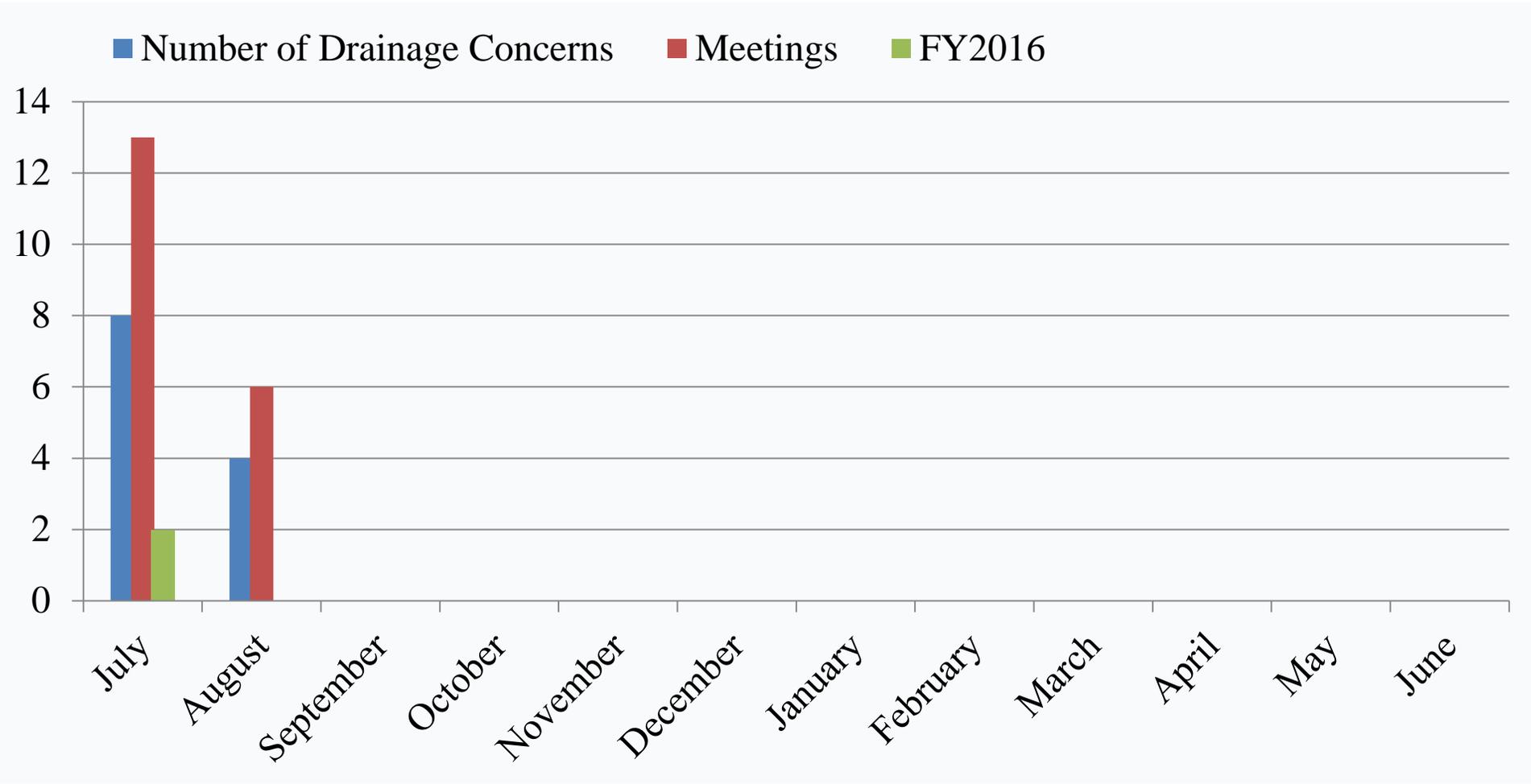
Illicit Discharge Investigations

- Number of Illicit Discharge Investigations
- Notice To Comply
- Notice of Violation
- Notice of Violation Resulting in Fines
- Meetings



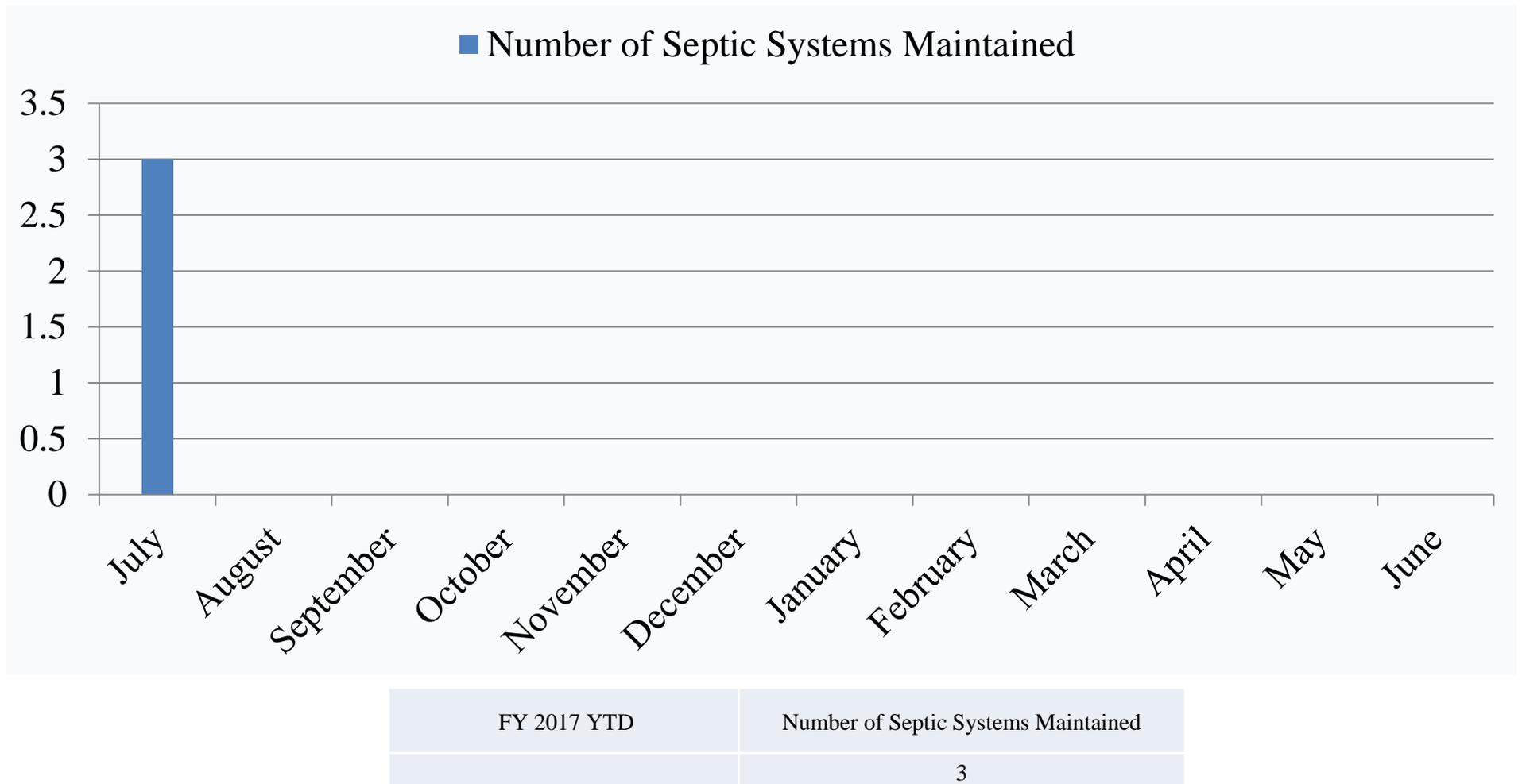
FY 2017 YTD	Number of Illicit Discharge Investigations	Number of Notices To Comply Issued	Number of Notices of Violation Issued	Notices of Violation Resulting in Fines	Number of Meetings
	4	2	0	0	5

Drainage Concerns



FY 2017 YTD	Number of Drainage Concerns Investigated	Number of Meetings
	12	19

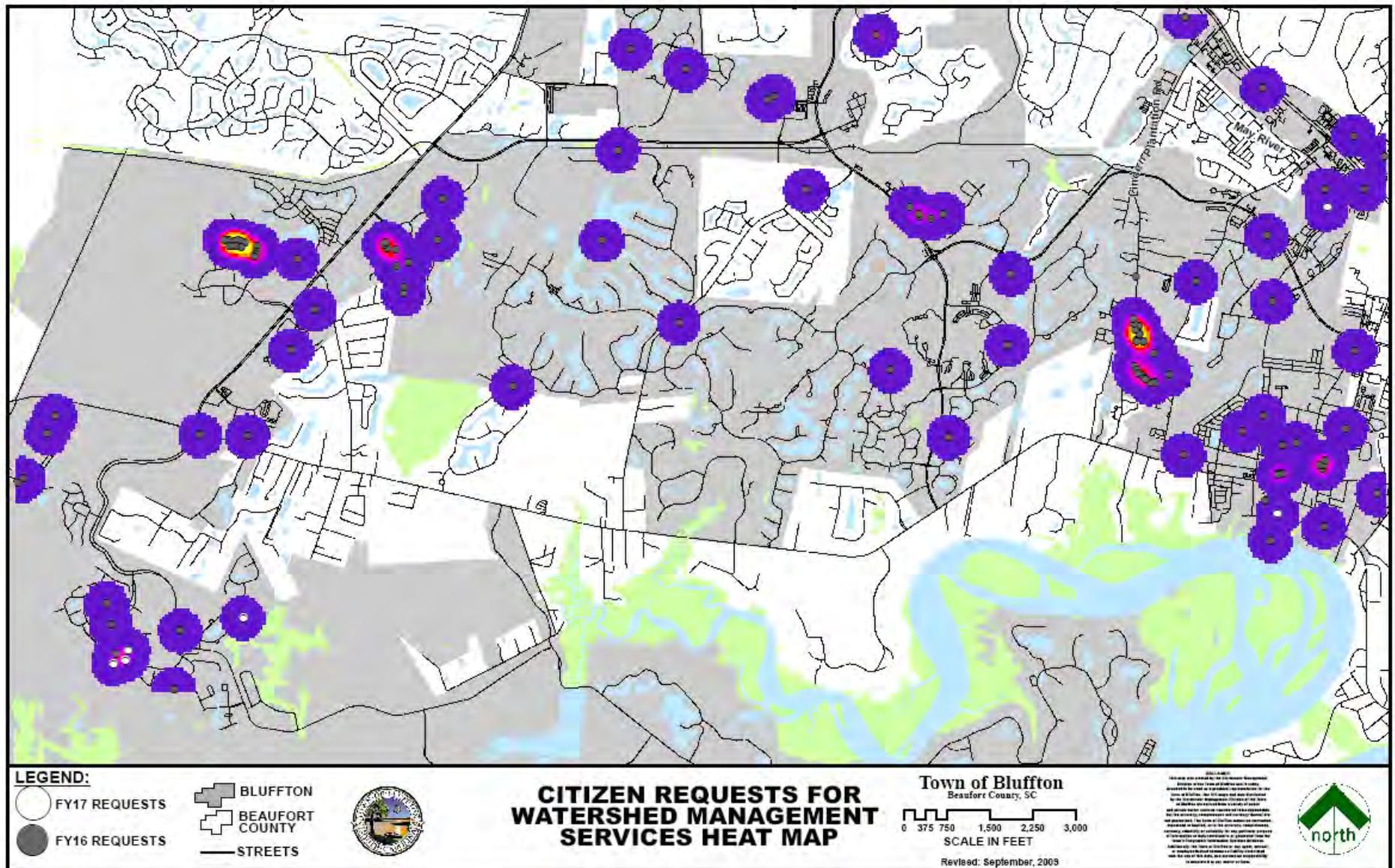
Septic System Maintenance Assistance



Requests for Septic System maintenance are down due to completed connections along Buck Island Road and Simonsville Road as part of the Phase #3 BIS Sewer project

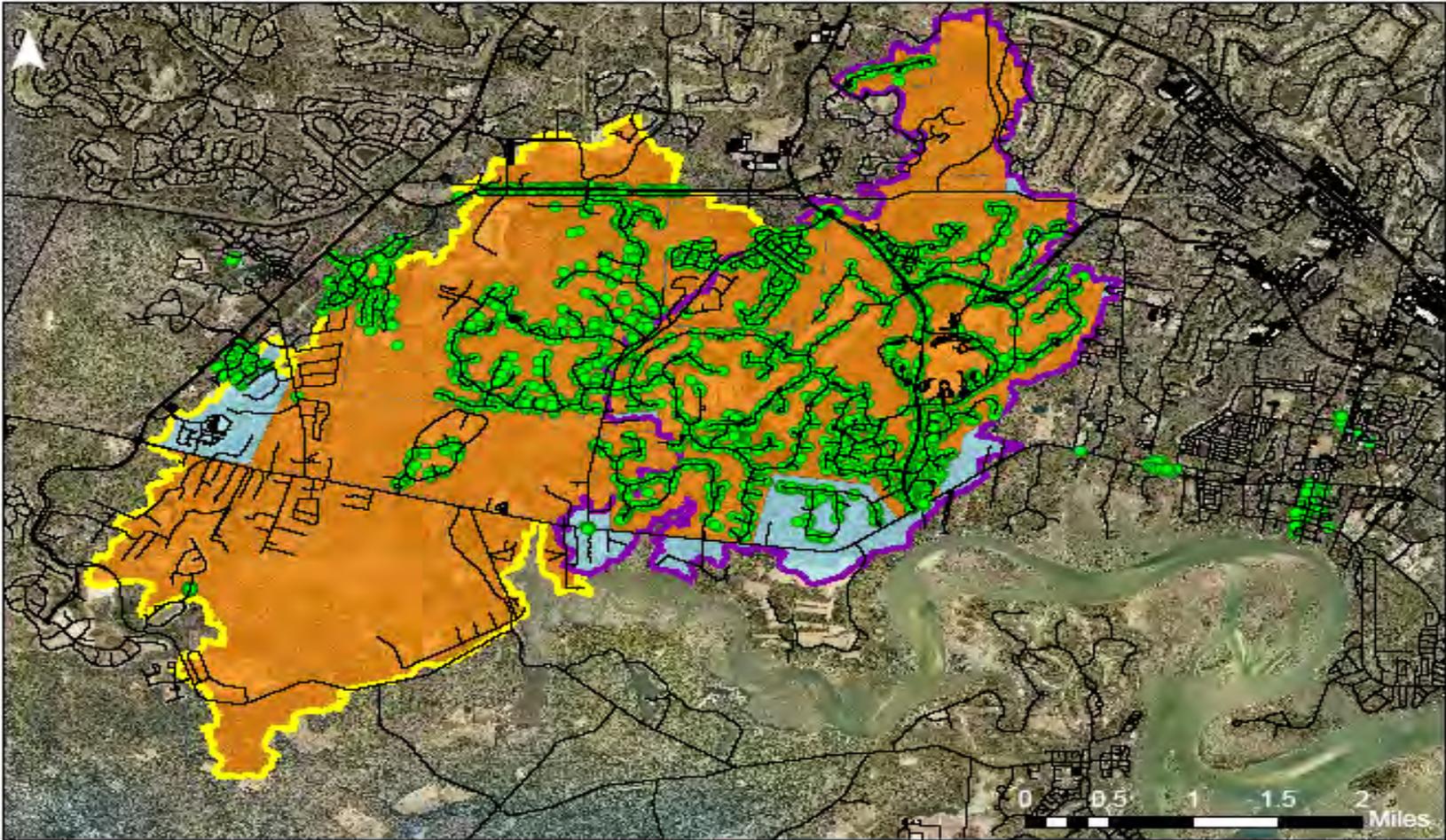
Attachment 8

Citizen Request for Stormwater Services Heat Map



Headwater Infrastructure Capture Map

Stormwater Inventory Collection



- Collection Status**
- Completed
 - In Progress
 - Inventoried SW Utilities
 - Rose Dhu Watershed
 - Stoney Creek Watershed

DISCLAIMER
 This map was created by the City of Raleigh Engineering Division and is hereby intended to be used as a general representation of the data on file. The City and data provided by the Rose of Raleigh Engineering Division are provided as a service to the community and are not intended to be used for any purpose other than that intended. The City of Raleigh makes no warranty, expressed or implied, as to the accuracy, completeness, or reliability of the data provided for any particular purpose or application. The City of Raleigh is not responsible for any errors or omissions in this map or for any consequences arising from its use. The City of Raleigh is not responsible for any damages, including consequential damages, arising from the use of this map. The City of Raleigh is not responsible for any damages, including consequential damages, arising from the use of this map.



TOWN OF BLUFFTON
MAY RIVER WATERSHED ACTION PLAN ADVISORY COMMITTEE
MEETING AGENDA

Rotary Community Center – 11 Recreation Court
Oscar J. Frazier Park
Wednesday, August 17, 2016 1:00 PM

- I. CALL TO ORDER
- II. ROLL CALL
- III. ADOPTION OF AGENDA
- IV. ADOPTION OF MINUTES – July 26, 2016
- V. PUBLIC COMMENTS
For the record, state your name and address before commenting.
- VI. OLD BUSINESS
 - 1. Review of Draft Public Sewer Connection Policy
- VII. NEW BUSINESS
Set next meeting date to discuss:
 - 1. Draft Watershed Management Division Policy & Programs
 - 2. Adopting new meeting dates for regularly scheduled meetings
- VIII. DISCUSSION
- IX. ADJOURNMENT

NEXT MEETING DATE: TBD

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.