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

August 10, 2016 at 2:00 p.m. in Executive Conference Room, Administration Building, Beaufort County Government Robert Smalls Complex, 100 Ribaut Road, Beaufort, South Carolina

Board Members

Present	Absent
Don Smith	Marc Feinberg
Allyn Schneider	
James Fargher	
Patrick Mitchell	
William Bruggeman	
Larry Meisner	

Ex-Officio Members

Present Kim Jones Scott Liggett Van Willis Absent Andy Kinghorn

Beaufort County Staff

Eric Larson David Wilhelm Rebecca Baker Patricia Wilson Danny Polk Robert O'Quinn

Visitors

Alice Howard, Beaufort County Council Alan Warren, USCB Reed Armstrong, Coastal Conservation League Denise Parsick, Bft. Soil and Water Conservation Dis. Gloria White Bonnie Adams Brian McIlwee, TOHHI Bates Rambow, TOHHI

1. Meeting called to order – Don Smith

- **A.** Agenda Approved
- **B.** June 8, 2016 Minutes Approved.
- 2. Introductions Completed.

3. Public Comment(s) -

4. Reports – Mr. Eric Larson, Mr. David Wilhelm, and Mrs. Rebecca Baker provided a written report which is included in the posted agenda and can be accessed at: http://www.bcgov.net/departments/Administrative/beaufort-county-council/boards-and-commissions/council-appointed/board-list/stormwater-management-utility-board/agendas/2016/081016.pdf

Utility Update - Eric Larson

Mr. Eric Larson discussed an organizational chart change and his title change which reflect departments under his charge. His title has been changed to Director of Environmental Engineering and Land Management.(backup)

Monitoring Update – Eric Larson

Mr. Larson said that Mrs. Rebecca Baker will discuss monitoring updates under the MS4 Update. Dr. Alan Warren with USCB commented that the lab is having to hand deliver Source Water (used in testing) samples to Columbia because that is the closest certified South Carolina Lab for analyzing the Source Water. The Lab is in the process of obtaining the needed certifications to avoid transporting samples in the future.

Stormwater Implementation Committee (SWIC) Report – Eric Larson

The SWIC met on August 3, 2016. Mr. Larson said the meeting would be discussed under MS4 Update.

Stormwater Related Projects – Eric Larson

Mr. Larson noted several easements that the County is trying to acquire. The Leo Green Road Easement will be discussed during New Business. Mr. Larson also mentioned the completion of the Bluffton Parkway 5A "Flyover" project. Several Stormwater and Public Works staff attended a joint final inspection prior to opening to traffic. This project has a lot of innovative Best Management Practices (BMPs) that the County will maintain. Examples are Hydrodynamic separator devices and filter devices which are used to keep the water running off the bridge clean. Mr. Don Smith added that Boundary Street has installed similar devices.

Professional Contracts Report – Eric Larson

Mr. Larson informed board members that the County Administrator has retained Bowman Consulting to do a third party evaluation of the Highway 170 Widening Drainage Project. Mr. Joe Fersner, a retired DHEC engineer, is evaluating all plans, design, construction and oversight of the project and associated drainage on a portion of the road adjacent to the Buckwater Crossings. His expert opinion will help to determine if the project has caused increased flooding to the adjacent property owner's development.

Regional Coordination

Mr. Larson stated that the Factory Creek Watershed Regional Detention Basin "Phase II" has been permitted for the first stage of three phases. Mr. Larson also pointed out that he has completed his review of the Hilton Head National Redevelopment Zone Change and he is working with Planning staff to proactively address citizen concerns.

Municipal Reports – Eric Larson

Town of Hilton Head Island – (backup) Brian McIlwee and Bates Rambow presented a new Inventory and Modeling system designed to track stormwater inventory. Mr. Bates Rambow demonstrated how the system he designed links an Access Data Base with GIS data; which allows for evaluating, scoring, and creating projects based on details of the project. This system will be used for asset management in the future and is currently linked to the webpage so it is available to staff at any location using multiple devices.

Town of Bluffton – Mrs. Kim Jones was happy to report that the town of Bluffton has been granted their third 319(h) grant award which totals about \$1 million over a span of 8 years. The project will be located in the head waters of the May River, more specifically in the May River Preserve area. The goal is to create a Greentree Reservoir, which is a modified pond. This will be a partnership with Beaufort County because a majority of the project is located in unincorporated Beaufort County.

Mrs. Jones also announced a Public May River Action Plan Advisory Committee Meeting on Wednesday, August 17, 2016. This is a special meeting to discuss prioritizing a public sewer connection policy. The meeting will be at 1:00 PM at the Oscar Frasier Park in the Rotary Community Center.

City of Beaufort – Mr. Larson reported that the Battery Creek Pond Funded by an EPA 319(h) Grant project partnership between the City of Beaufort and Beaufort County will hold a public meeting on Thursday, August 25 at Beaufort City Hall in Council Chambers from 6:00 PM to 8:00 PM. Mr. Larson is hoping that drone footage will be available for the meeting.

Town of Port Royal - Mr. Van Willis (Town Manager) reported that the Town of Port Royal has done sewer inventories, and he is still working with residents to improve the system. The Town and the County are working together on the Green Pond drainage project and the Town is working on Cypress Wetlands improvements.

Municipal Separate Storm Sewer System (MS4 Update) – Rebecca Baker

Management Plan and Monitoring Update – Mrs. Rebecca Baker displayed a map provided by ATM (Applied Technology and Management) highlighting preliminary hot spots (pollutants of concern) based on land use. Once empirical data is available, the top 10% of pollutant loading areas of concern will most likely change.

Plan Review – Mrs. Baker referenced a table from her report which lists all the plan reviews for June and July. She also offered for the other municipalities to include their reviews in her reports. Mrs. Baker discussed the number of active permits, inspections performed and drainage related complaints investigated by Mr. Danny Polk (Stormwater Inspection Superintendent). *Public Education* - Mrs. Baker said the MOA for Clemson Extension's Carolina Clear was approved. Staff is working with Carolina Clear on the planning process of the education program. Mrs. Baker thanked Mrs. Denise Parsick and Beaufort Soil and Water Conservation District for their education services this past year. In eight months they managed to reach about 20,000 people. *BMP (Best Management Practices) Manual* – Mrs. Baker said the final completion is expected in September. A meeting will be held August 31st in the Executive Conference Room with Planning, Engineering and staff of the final review. Mrs. Baker explained that the BMP Manual is a 365 paged document outlining the stormwater design, construction and other aspects of stormsewer drainage systems.

Stormwater Implementation Committee (SWIC) – Mrs. Baker said that one of the main topics was a possible name change from Neighbors for Clean Water to something more regionally recognizable. A strategic planning meeting will be held on September 29th from 9:00 AM -2:00 PM at Port Royal Sound Education Building.

Maintenance Projects Report – David Wilhelm

Mr. David Wilhelm commented that the Arrow Road project costs greatly exceeded estimated costs. His goal is to supply more accurate information on initial estimates. He compared the costs of linear foot of Katie Miller Drive which were \$5.50 versus \$19.00 per linear foot for Arrow Road. Mr. Wilhelm said the high traffic area near the Sea Pines Circle increased the time and labor components of the cost. Mr. Wilhelm pointed out the Possum Hill Road project which only covered 28 feet of drainage system and cost \$12,283.33. This drainage problem was affecting a telephone pole and was a potential safety hazard. Extensive work was necessary to divert drainage around the pole.

5. Unfinished Business –

Rate Study Final Report/Update on Municipalities – Mr. Larson reported that the County adopted option E of the rate study in 2015. The City of Beaufort and the Town of Port Royal adopted option E in 2016 but they are not increasing rates for the typical single family home. The Towns of Hilton Head and Bluffton accepted their reports and adopted option A (No change to their rate structure) with no rate increases.

6. New Business –

Stormwater Ordinance Revision Related to Condos and Submerged/Marsh Properties – Mr. Larson discussed how submerged properties have been lost to erosion and/ or the ocean. These properties have not received tax notices because the properties have zero value. In 2015, these properties received Stormwater Fees because they have Parcel Identification Numbers. The updated credit manual credited the (GA) Gross Area fee, but the \$12.00 Administration fee was still being accessed. This Ordinance Revision allows for the Utility to waive the administrative fee. The County has also created a Trust that will allow parcel owners to grant a quitclaim deed to the County and give the property to the Government.

Mr. Larson also explained that master accounts for Condos were billed a Gross Area fee in 2015 due to the new rate structure and many condo master account ownerships / entities have been dissolved or no longer exist. Many tax notices were returned as undeliverable. The proposed ordinance revision reassigns Gross Area (GA) fees to the condo unit rather than the master account. This will be revenue neutral to the County but makes the fees easier to collect.

The board voted unanimously (6:0) to recommend the Stormwater Ordinance Revision Related to Condos and Submerged/Marsh Properties for approval to Beaufort County's Natural Resources Committee.

Recommendation for Two Easements on Creg Green's Property be Abandoned in Exchange for an Alternate Requested Easement – Mr. Eric Larson displayed an Easement Map showing how the County would like to abandon two easements in exchange for one easement on Creg Green's property off of Leo Green Road. This easement would address a drainage issue that the County previously tried to address, but was not successful in completing.

Ms. Bonnie Adams (Citizen of Beaufort County) had questions about ownership of parcels off Leo Green Road. Mr. Larson said he would get with her after the meeting to answer her questions. Ms. Adams also had questions about who had right of way of Leo Green Road. The board voted unanimously (6:0) to recommend to the Natural Resources Committee the proposed abandonment of two easements on Creg Green's property in exchange for an alternate requested easement.

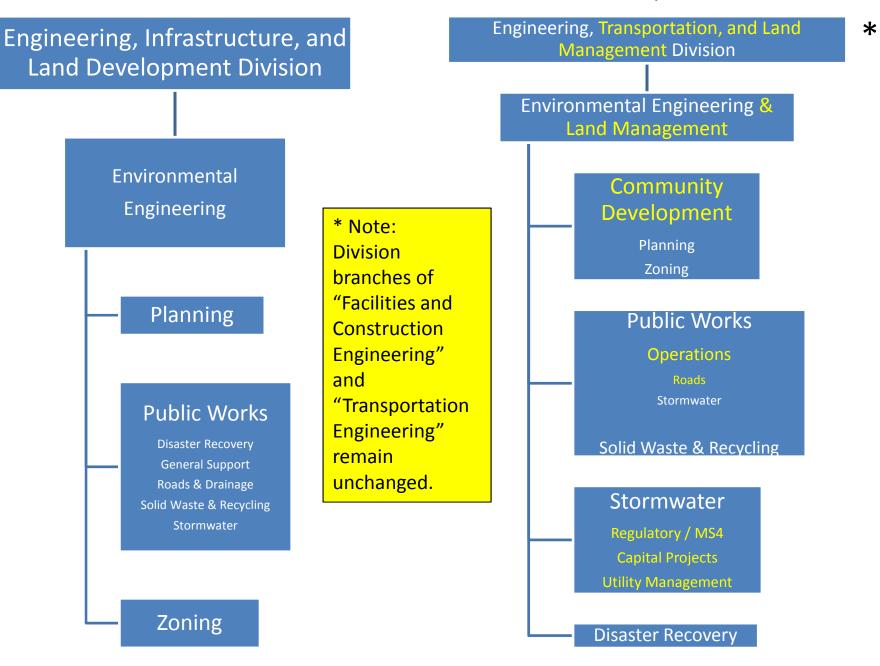
7. Public Comment(s) – Beaufort County Councilwoman Alice Howard thanked all parties involved in the Green Pond drainage project.

8. Next Meeting Agenda – Approved and included in posted agenda.

9. Meeting Adjourned

Existing

Proposed



Town of Hilton Head Island

Storm Water Utility Board Presentation



August 10, 2016

Introduction

Town of Hilton Head Island Public Projects & Facilities / Engineering Division

- Scott Liggett, PE Director PP&F / Chief Engineer
- Bryan McIlwee, PE Asst. Town Engineer / SW Manager
- Bates Rambow SW Data and Compliance Administrator

Background

- Town SWU fee = \$108.70 / SFU; last changed in FY 2010 (\$83.23/SFU)
- FY17 Revenues are expected to be ±\$3.56M
- Bond debt of \pm 1.15M/year. Anticipated to be paid off in 2026
- 4 Staff fully funded by SWU fee; 3 Staff partially funded (10-20%)

Town of Hilton Head Island, SC Potential MS4 Responsibility: Public Areas

Non-PUD area of storm water responsibility:

- 11.91 miles of Town-owned roads
- 1,345 acres of Town-owned property
- 4,810 acres of drainage easements



Approxmiately 28% of the island contains public drainage systems that potentially fall under MS4 responsibility.



Town of Hilton Head Island, SC Potential MS4 Responsibility: PUD Maintenance Agreements

10 PUDs with maintenance agreements: 15,209 acres

Planned Unit Developments with drainage maintenance agreements account for approximately 69% of the island. ✓ Roads - Main
 PUD Maintenance Agreements
 ✓ Open Water
 ✓ Salt Marsh
 ✓ 0 05 1 2

Miles

Town of Hilton Head Island, SC Potential MS4 Responsibility

Total area of storm water responsibility: 21,473 acres



Miles

As an MS4, the Town of Hilton Head Island is potentially responsible for drainage systems on 97% of the island.

Inventory & Modeling

Purpose:

- Operation and Maintenance of system
- NPDES Permit Compliance
- Hydrologic & Hydraulic modeling (XP-SWMM)
- Water Quality modeling (IDEAL)
- Stormwater and Watershed Master Plans

Inventory Status:

- 1995 Initial island-wide inventory (macro level)
- 2008 WK Dickson inventory of Shipyard Plantation
- 2010 Bates Rambow inventoried Port Royal Plantation
- 2012 Woolpert inventoried Hilton Head Plantation and Point Comfort
- 2013-2016 Sea Island Land Survey and Town interns performed inventory of remaining areas

To date the inventory includes:

• 12,000+ pipes

ATLANTIC OCEAN

- 3,500+ conveyances
- 225+ miles of pipes and 100+ miles of ditches.

To date the inventory includes approximately:

ATLANTIC OCEAN

Calibo

• 1,900+ weirs, junctions, stubs, etc.

To date the inventory includes approximately:

ATLANTIC OCEAN

Calibos

• 8,000+ inlets, catch basins, etc.

Service Requests

Service requests regarding flooding, water quality, maintenance, and/or the performance of the drainage system come from various sources:

- Phone calls
- E-mails
- Referrals from Town Staff or Town Council
- "Walk-ins" from the public
- Stormwater Hotline, 843-671-RAIN (7246)

Request Status:

- 612 Service Requests since initial tracking began in 2009
- 352 Service Requests from private PUD's (58% of total)
- 163 Stormwater Service Requests in FY16
- 91 Open Requests

Service Requests - Tracking

2008: Microsoft Excel Spreadsheet

- Project tracking only
- Inefficient
 - Hundreds of Rows; Multiple Worksheets
 - Duplicate Information
 - Redundant User Input or Formulas to link cells; User Error
- Long-term Size Limitations

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2					TOWN OF HILTON HEAD	ISLAND - S	TORM WATE	R MAINTEN	IANCE PI	ROJECTS										
3 RA	NK RATIN	PROJECT		PROJECT NAME	PROJECT LOCATION / ADDRESS	CONTACT	CONTACT	SCHEDULE TO	EST. COST		IN ROAD R/W	PRMT REQ'D	PROBLEM DESCRIPTION / PROJECT	INACTIV		NEED	DSGN		DONE	JOB NO.
4		GIS ID NUMBER	DATE			NAME(S)	PHONE / E- MAIL	BEGIN WORK		(R/W or PUD)	(OWNER)	(ENV or ENCR)	DESCRIPTION	E	PRMTS	ESMTS	ENGR	CNSTR		
	l High 2 High			YACHT COVE SINKHOLE VICTORIA SQUARE - BANK STABILIZATION	5 YACHT COVE DR VICTORIA SQUARE / INDIGO RUN			ASAP	\$11,836 \$22,888	NO NO		NO	Sinkhole in road							FY10-01 FY10-02
7	B Low		09/09/2009	PALMETTO HEADLANDS - DITCH MAINT	PALMETTO HEADLANDS			WINTER 10		NO										FY10-03
	4 High			AIRPORT OUTFALL	BTW AIRPT & DILLON RD			FALL 09	\$5,658	YES										FY10-04
	5 High S Low			FOLLY FIELD DRAINAGE CORPUS CHRISTIE DRAINAGE	FOLLY FIELD ROAD / STARFISH CORPUS CHRISTIE & NEW ORLEANS			ASAP SPRING 10		YES R/W	COUNTY	ENCR								FY10-05 FY10-06
11	7 Low			GOLDEN HIND SINKHOLE	41 GOLDEN HIND IN HHP			FY 2010		PUD										FY10-07
12	3 High			FIDDLER'S COVE SINKHOLE	45 FOLLY FIELD ROAD			ASAP	\$3,080											FY10-08
13 14 1				PINELAND - OLD WOODLANDS ARROW ROAD DITCHES AND TIDE FLAPS	400-416 WM HILTON PKWY 88 ARROW RD & REAR OF POST OFC			ASAP SPRING 2010		NO										FY10-09 FY10-10
14	Med		09/16/2009	ARROW ROAD DITCHES AND TIDE FEARS	00 ARROW RD & REAR OF POST OFC			SPRING 2010		NU			No storm infrastructure, pvmt poor conditions	-					H	
15 <u>r</u>	Med		09/16/2009	MYRTLE LANE ROAD FLOODING	ENTIRE STREET			SUMMER 2010		R/W	TOWN	DHEC / THHI	re-build enttire road - new section with storm No storm infrastructure, pvmt poor conditions	-	<u> </u>				$\left[-\right]$	FY10-11
16 17 1				HICKORY LANE ROAD FLOODING	ENTIRE STREET			SUMMER 2010		R/W	TOWN	DHEC / THHI	re-build enttire road - new section with storm						$ \longrightarrow $	
17 · 18 ·	2 High 3 Med			PEMBROKE DRIVE WILD HORSE DITCH - BUSH HOG	165 PEMBROKE DRIVE HHP TO WILD HORSE, PEREGRINE PT			ASAP ASAP	\$2,750	R/W	COUNTY			<u> </u>						FY10-12 FY10-13
19 1	4 High			58 S PT ROYAL CULVERTS	58 S PORT ROYAL DR IN PRP			WINTER 10		PUD	N/A	N/A	Replace CMP with RCP	<u> </u>						FY10-14
19 20 21	5 High		09/17/2009	55 SCARBOROUGH HEAD CULVERTS	55 SCARBOROUGH HEAD RD IN PRP			WINTER 10		PUD	N/A	N/A	Replace CMP with RCP							FY10-15
21 1	6 Low			PALMETTO PARKWAY OUTFALL	1 PALMETTO PARKWAY & WHP			WINTER 10		VEC		10	Class subtra dish	<u> </u>						FY10-16
22 1 23 1	7 Low 8 Med			BENJAMIN DRIVE SQUIRE POPE DRAINAGE	BENJAMIN DRIVE DITCH CEDAR WELL APTS DITCH EXCAV			WINTER 10		YES		NO	Clean existing ditch	<u> </u>						FY10-17 FY10-18
24 1	9 Hinh			PALMETTO PARKWAY SINKHOLE	60 PALMETTO PARKWAY			ASAP	\$11,174											FY10-19
25 2 26 2 27 2 28 2 29 2 30 2	0 High			GRASSLAWN AVE PIPE VIDEO	GRASSLAWN AVE PRP			WINTER 10	\$4,750											FY10-20
26 2	1 High 2 med			CYGNET CT & BEST LAGOON VIDEO FOLLY FIELD RD - BEACH AND TENNIS DITCH	OFF SEABROOK DR IN HHP			WINTER 10 WINTER 10	\$5,170					<u> </u>						FY10-21 FY10-22
28 2	3 High			PAULINE MANOR AT MATHEWS	11 PAULINE MANOR			ASAP	\$15,730					<u> </u>						FY10-22
29 2	4 Med		10/05/2009	MARBLEHEAD DRIVEWAYS	17 & 19 MARBLEHEAD			ASAP	\$2,333											FY10-24
30 2	5 High			SQUIRE POPE HEADWALL	BTW 56 & 89 SQUIRE POPE RD			ASAP	\$5,433											FY10-25
31 2	6 High 7 Low			SQUIRE POPE HEADWALL NORTH ISLAND STAGING SITE	BTW 56 & 89 SQUIRE POPE RD 111 LEG O'MUTTON ROAD			ASAP FY 2010	-\$3,104											CO10-25A FY10-26
32 2 33 2	8 Med			PALMER SIMMONS/MUDDY CR	MUDDY CREEK NEAR CAMPBELL DR			ASAP	\$7,691											FY10-27
34 2	9 Low				PATH NEXT TO XIP ADMIN BLDG			FY2010												FY10-28
35 3 36 3	0 High 1 High			INDIGO/VICTORIA EASEMENT ACC HIGH BLUFF ROAD LAGOON PIPES	ACROSS FROM 46 SUSSEX LANE HIGH BLUFF AT OYSTER REEF COVE			ASAP ASAP	\$9,640 \$56,844											FY10-29 FY10-30C
	Low			BAY PINES / TIDE POINTE SYSTEM	BAY PINES AND TIDE POINT CHANNEL			AUAI	\$30,044				N'hood system requiring survey and							
37 3	2							WINTER 10	\$22,979				engineering							FY10-31
38 3	3 Med 4 Low			SYGC CLUBHOUSE FLOOD PROOFING POND BEHIND OLD ISL PACKET BLDG	45 SHIPYARD DRIVE 15 EXECUTIVE PARK RD			WINTER 10 WINTER 10												FY10-32 FY10-33
37 3 38 3 39 3 40 3	5 High				4 NATURE'S WAY			WINTER 10 WINTER 10												FY10-33
41 3	6 Med		11/05/2009	AVOCET RD / SPINNAKER BANK ERSN	19 LAGOON RD			SPRING 10												FY10-34
42 .	Z Low		11/23/2009	CROSS ISL PKWY PATHWAY FLUMES	EROSION AT END OF FLUMES			WINTER 10					Erosion where flume meets pipe under							FY10-35
42 3 43 3 44 3	7 8 High		08/17/2009	LAWTON SINKHOLE/PIPE REPAIRS	179 GREENWOOD DRIVE			SUMMER 09	\$7,832				pathway, provide concrete intake at pipe.							1110-35
44	9 High		10/20/2009	LAWTON PUMP REMOVAL/INSPCTN	179 GREENWOOD DRIVE			FALL 09	\$10,187											
45 4	0 High 1 High			LAWTON PUMP FLANGE REPAIRS JARVIS STARTER #3 TRANSFORMER	179 GREENWOOD DRIVE			FALL 09	\$15,867											
46 47 4	1 High 2 High			WEXFORD PUMP NUMBER 1 REPAIRS	4 NATURE'S WAY 46 YORKSHIRE DRIVE			SUMMER 09 FALL 09	\$3,960 \$85,987											
48 4	3 High		12/04/2009	HHPSD #1 JARVIS MAINT CONTR	4 NATURE'S WAY			SUM/FALL 09	\$2,700											
49 4	4 High		12/08/2009	MISSION COMM SCADA MON CONTR	VARIOUS PUMP STATIONS			FY 2010	\$3,991											
50 4	5 High 6 High			CIRCLE CTR GRATE REPLACEMENT HERON ST SINKHOLE	CIRCLE CTR OFF POPE AVENUE 9 HERON ST OFF OF NFB			ASAP ASAP	\$683 \$2,690											FY10-40 FY10-41
	6 High 7 High			WEXFORD PUMP NUMBER 2 REPAIRS	46 YORKSHIRE DRIVE			ASAP	\$2,690											1110-41
53 4	8 Med		01/14/2010	MATHEWS/MATILDA DITCH STABILIZE	MATILDA LN AT MATHEWS INTSCTN			ASAP												FY10-42
	9 High			FOLLY FIELD OUTFALL SURVEY	FOLLY FIELD AND STARFISH DRIVE			SPRING 2010	\$5,843											FY10-43
55 56	0 Low 1 Med			JARVIS PUMP HOUSE REPAINT CARRABAS TURN LANE DI UPGRADE	4 NATURE'S WAY INT OF FOLLY FIELD RD AND US 278			WINTER 10 WINTER 10	\$3,325											FY10-44 FY10-45
	2 High			TABBY WALK MATHEWS OUTFALL	TABBY WALK APARTMENTS			EMERGENCY	\$1,843									10		FY10-45
58 5	3 High		01/20/2010	MARSHLAND RD PW BRIDGE WASHOUT	BTWN RIVER CLUB AND BROAD PTE			EMERGENCY	\$4,524									3		FY10-47
59 5	4 High	-		GUM TREE ROADSIDE DITCH	NED CT to KATIE MILLR			SPRING 2010	\$9,734											FY10-48
					Priority Ditch Maintenance	n Durati hu						: 4								

✓ Master Maintenance Project List Completed Projects Priority Ditch Maintenance Proj by PUD (+) : ∢

Service Requests - Tracking

2011-current: Staff-developed Microsoft Access database application to track and report requests and projects.

- More Efficient
- Not linked to GIS Inventory
- High Medium Low Priority Scheme; Inconsistent rankings due to user subjectivity
- Inconsistent Problem Description
- Requires knowledge of Access
- Coding Requirements

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 Required Obtained	PEI THHI COUNTY D	<u>EMITS</u> HEC SCDOT U		OTHER			
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Service Requests - Tracking

2013-current: Access Database linked to GIS

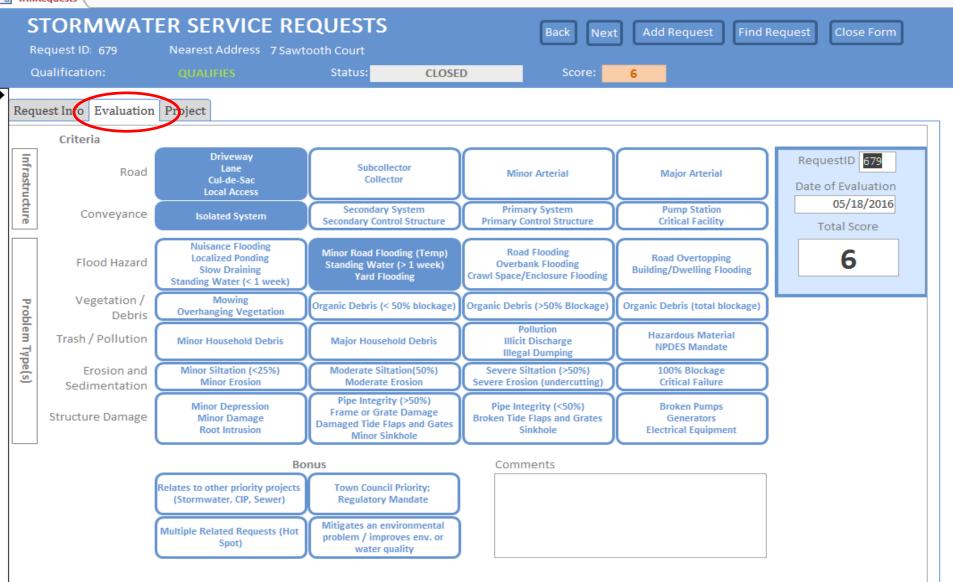
- Mapping Capabilities
- Projects and Requests linked together
- Consistent Problem Descriptions
- Numeric Evaluation
- Requires knowledge of GIS
- Additional Coding Requirements

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ualification:	QUALIFIES	S	tatus: (CLOSED		Score:	6				
est Info Evaluatio	n Project										
quest Date Ne	arest Address		PUD			Property	or Right o	f Way Ow	vner	Easement	?
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ROAD FLOODING		POOR/SLOW DR EROSION/SEDIN			LLICIT D	DISCHARGE/I MISC.	LLEGAL C	ONNECTI	ON		
oblem Description/	Notes										
oad flooding on Saw t time of call, it was ccuring elsewhere ir	high tide as witness		Ilwee in the field	l. Sawtooth Cour	t is at th	ne top of the	system.	Flooding	g was		
										*	
tions for this Reque	st (inspections, refe	erral updates, er	nforcement, etc.)								
tions for this Reque Date -		erral updates, er Employee 🕞	nforcement, etc.)					R	esults		

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STORMWAT Request ID: 679	ER SERVICE F Nearest Address 7 S			Back Next	Add Request	Find Request	Close Form
Qualification:	QUALIFIES	Status:	CLOSED	Score: 🦲	6		
Request Info Evaluation	Project						
Choose from Existing Pr	ojects						
545		-	OR Create Ne	w Project			
This Request is associated	with the following Pro	ject:			7		
ProjectID	545						
ProjectName	7 Sawtooth Court						
ProjectStatus	COMPLETE 👻						
ProjectDescription	Clean and CCTV app road to the back of t blockages.	he houses to determ	nine if there are any				
	Line the 214 LF of 15 prevent root penetr blockages.		tween the houses to which causes				
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STORMWATER I				
	PROJECTS			Close Form
ProjectID 545 Proje	ect Name 7 Sawtooth Court			
Project Details Related Req	uests			
Project Name		ProjectStatus		
7 Sawtooth Court		COMPLETE	•	
Project Description/Scope				
Clean and CCTV approximat	ely 250 LF of storm pipe from the	e road to the back of the hous	es to determine if ther	e are any blockages.
Line the 214 LF of 15" CMP/H	IDPE pipe between the houses to	o prevent root penetration in	to the block which cau	es blockages.
ProjectFolder				
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I:\STORM WATER\Operation	ProjectID - JobNum - Ta		•1 FiscalYear •	ge Orders\Job Order 49 - 7 Sawtooth Court CC tall 214 LF CIPP liner in 15" pipe
I:\STORM WATER\Operation	ProjectID • JobNum • Ta 545 C22-2012 JO-50 C4	askCategory - TaskStatus	ri FiscalYear → 2016 Ins	
I:\STORM WATER\Operation	ProjectID • JobNum • Ta 545 C22-2012 JO-50 C4	askCategory - TaskStatus APITAL COMPLETE	ri FiscalYear → 2016 Ins	tall 214 LF CIPP liner in 15" pipe
I:\STORM WATER\Operation	ProjectID • JobNum • Ta 545 C22-2012 JO-50 C4	askCategory - TaskStatus APITAL COMPLETE	ri FiscalYear → 2016 Ins	tall 214 LF CIPP liner in 15" pipe

	LINING	-	545 C22-2012 JO-50	CAPITAL	COMPLETE	2016	Install 214 LF CIPP liner in 15" pipe	
	TV		545 C22-2012 JO-49	MAINTENANCE	COMPLETE	2016	Clean and CCTV 250 LF of 15" pipe	
*								
•								20

STORMWATER PROJECTS

ProjectID 545 Project Name 7 Sawtooth Court

Close Form

-

Project Details Related Requests

📧 frmRequests 🔳 frmProjects

RequestID 👻	RequestDate 👻	PUD	Ŧ	NearestAddress	Ŧ	Priority	Ŧ	Status	*
538	09/07/2015	HILTON HEAD PLANTATION		Sawtooth Court		MEDIUM		CLOSED	
679	05/17/2016	HILTON HEAD PLANTATION		7 Sawtooth Court				CLOSED	

View/Edit Related Requests

GIS web-based Application

- Map-based web application combines inventory and Access database
- Will work on any computer as well as mobile devices in the field
- Will provide users with a map view interface that makes it easy to identify nearby related requests and projects.
- The future goal of this project is to build a web-based *asset management system* for the Town's stormwater management program. The major features/elements of the system will include:
 - Service Requests Module
 - Projects Module
 - Infrastructure Module
 - NPDES Module
 - Water Quality Monitoring Module
 - FEMA/Channel Maintenance Module
 - Mobile inspection/data collection forms
 - Staff Tasks/Work Module

Questions

 Bryan McIlwee, PE – Assistant Town Engineer / Storm Water Manager

843-341-4775

bryanm@hiltonheadislandsc.gov

• Bates Rambow – Stormwater Data & Compliance Administrator

843-341-4683

batesr@hiltonheadislandsc.gov