



BEAUFORT COUNTY
STORMWATER MANAGEMENT UTILITY BOARD
AGENDA

Wednesday, December 16, 2015
2:00 p.m.

Beaufort Industrial Village, Building 3 Conference Room 104 Industrial
Village Road, Beaufort
843.255.2805

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.

1. CALL TO ORDER – 2:00 p.m.
 - A. Approval of Agenda
 - B. Approval of Minutes – November 18, 2015 ([backup](#))
2. INTRODUCTIONS
3. PUBLIC COMMENT
4. REPORTS
 - A. Utility Update – Eric Larson, P.E. ([backup](#))
 - B. MS4 Update - Eric Larson, P.E. ([backup](#))
 - C. Monitoring Update – Eric Larson, P.E. ([backup](#))
 - D. Stormwater Implementation Committee Report – Eric Larson, P.E. ([backup](#))
 - E. Stormwater Related Projects – Eric Larson, P.E. ([backup](#))
 - F. Upcoming Professional Contracts Report – Eric Larson, P.E. ([backup](#))
 - G. Regional Coordination – Eric Larson, P.E. ([backup](#))
 - H. Financial Report ([backup](#))
 - I. Maintenance Projects Report – Eddie Bellamy ([backup](#))
5. UNFINISHED BUSINESS
6. NEW BUSINESS
 - A. Award of Okatie West 319 Grant Design to Consultant ([backup](#))
7. PUBLIC COMMENT
8. EXECUTIVE SESSION
 - A. Discussion of Negotiations Incident to Proposed Contractual Arrangements and Proposed Purchase of Factory Creek Watershed Site Phase II.
9. NEXT MEETING AGENDA
 - A. January 27, 2016 ([backup](#))
10. ADJOURNMENT



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

November 18, 2015 at 2:00 p.m. in Beaufort Industrial Village Building #3 Conference Room
Draft 12/02/2015

Board Members

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

Ex-Officio Members

Present	Absent
Andy Kinghorn	Van Willis
Scott Liggett	
Jeremy Ritchie	

Beaufort County Staff

Eric Larson
Eddie Bellamy
Patricia Wilson
Kevin Pitts
Danny Polk
Rebecca Baker
Allison Coppage

Visitors

Paul Moore, Ward Edwards
Alice Howard, County Council
Reed Armstrong, Coastal Conservation League
Denise Parsick, BSWCD

1. Meeting called to order – Don Smith

- A. Agenda – The Agenda was approved.
- B. October 21, 2015 Minutes - Approved.

2. Introductions – Completed.

3. Public Comment(s) – None.

4. Reports – Mr. Eric Larson, Mr. Eddie Bellamy, and Mr. Alan Eisenman 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/2015/111815.pdf>

A. Utility Update – Eric Larson

Rate Structure Ordinance and Rate Increase – Staff completed the annual tax run. Tax notices were mailed out November 10th. Staff has been busy answering inquiries about the rate increase. Most people understand the need for the increase and some minor adjustments have been made. Mr. Larry Meisner made a motion to thank the Stormwater staff for all the hard work involved with getting the tax run ready to be mailed to the public. The motion was seconded and the board thanked the staff for all their efforts involved in this process.

B. Municipal Separate Storm Sewer System (MS4 Update) – Eric Larson

MS4 Permit Application –Mr. Larson stated that the effective permit date will be December 1, 2015. Written confirmation from DHEC has been received. The delay due to comments by SC-DNR resulted in an additional permit condition to submit the Stormwater Management Plan for the MS4 permit to DNR for review once it is ready. Mr. William Bruggeman questioned whether or not the DNR review would affect the submitted management plan. Most in attendance felt the review is just a courtesy and would not affect the plan.

MS4 Staffing – Mr. Larson introduced the new MS4 Coordinator, Mrs. Rebecca Baker, formerly the MS4 coordinator for the City of Bartow, FL. Mrs. Baker brings a wealth of experience in MS4 permit implementation.

Beaufort County Pond Conference – The conference was October 22, 2015 at USCB Gateway campus in Bluffton. Final attendance was 86 paid participants in addition to numerous volunteers and presenters, resulting in over 100 people in attendance. The conference actually profited approximately \$847, which will be put back into expenses for public education.

C. Monitoring Update – Eric Larson

Shellfish Harvesting Summary Report – Mr. Larson stated that the report would be presented later under Unfinished Business.

USCB and County MOU for the Lab Services - Mr. Larson and Dr. Warren will be meeting the week of November 23, 2015 to discuss a proposed draft of a new MOU that allows more flexibility in the quantity, type, and locations of samples to be collected and tested. This will allow for adjustments based on the new MS4 needs.

D. Stormwater Implementation Committee (SWIC) Report – Eric Larson

SWIC Meeting November 12, 2015 - Mr. Larson referred to the SWIC minutes which were included in the posted agenda.

E. Stormwater Related Projects – Eric Larson

Okatie West / SC 170 Widening Retrofit Land Purchase – Mr. Larson stated the RFP for design services is currently being advertised and that the SOQs (Statement of Qualifications) are due November 30, 2015.

Excessive Rain – Mr. Larson commented that projects have been delayed due to excessive rain and County staff has been responding to numerous complaints due to flooding.

F. Professional Contracts Report – Eric Larson

Utility Rate Study – The portion of the rate study for the municipalities is still pending and will not be presented until possibly January or February. The consultants are still compiling the necessary data. Mr. Scott Liggett questioned when the data would be released to the Municipalities. Mr. Larson replied that the model is currently available to the municipalities who will have plenty of opportunity to run the model before the final presentation. Mr. Larson also stated that some of the municipal stormwater managers would like the County Stormwater Utility Board to make a recommendation to their City or Town Councils. Mr. Don Smith is hesitant about making a recommendation to the Municipalities and would like to discuss the issue at a later date. Mr. Larson suggested that the four municipalities make a formal request to the board detailing what actions they would like the board to consider. Mr. Larson also reminded the board that this contract was part of a cost share which included a final deliverable of the product to the County and the Municipalities.

Stormwater Management Plan (Master Plan) Update – Recommendation to the Natural Resources Committee has been delayed until December. Mr. Larson stated that the Natural Resources Committee Chairman has asked for additional information to be presented to the Committee and time was needed to prepare for the presentation. Mr. Larson encouraged Stormwater Board Members to

attend the NRC meeting on December 7, 2015 to show their support for the project and recommendation.

G. Regional Coordination - Eric Larson

Factory Creek Watershed Regional Detention Basin & Academy Park Subdivision Proposal –Mr. Larson stated that a feasibility study is in progress. This item will be discussed further in Executive Session.

Plantation Business Park Drainage Assessment – Mr. Larson reported that the County has contracted with Ward Edwards to prepare an evaluation of the condition of the stormsewer system in this development. The POA is requesting the County take over the ownership and operations of the system. This is a result of an agreement from the initial development in early 2000’s that was never completed.

H. Financial Report – Mr. Eric Larson

Mr. Larson pointed out that the utility is under budget for the year due to the late approval and passing of the rate increase. Now that the increase has been included in the current tax run, the utility will be able to implement budget items.

I. Maintenance Projects Report – Mr. Eddie Bellamy

Mr. Eddie Bellamy referred to his written report included in the posted agenda which consisted of one major and fifteen minor or routine projects. Mr. Larry Meisner asked about the BIV Water Quality Demonstration Raingarden located outside the building. Mr. Bellamy replied that Mr. Kevin Pitts was involved with that project and could report later. Mr. Bellamy mentioned that the heavy rains in combination with the “King” tides have caused some localized flooding and dirt road failures. The criteria to approve repairs to private roads include passibility for emergency vehicles and sometimes school buses. Staff plans to revise the Extent of Service document to reflect the increased services included in the new Stormwater rate structure. That will help some of the drainage issues. Mr. Meisner asked about public road calls versus state road calls. Mr. Bellamy replied that the majority of the calls are about private property and drainage issues. Mr. Don Smith expressed the board’s appreciation for the crews’ hard work.

5. Unfinished Business – Mr. Kevin Pitts

Shellfish Harvesting Update- Mr. Kevin Pitts stated that the information was included in the posted agenda. He summed up his report by stating that the May River 24-19B was downgraded from approved to restricted, the Chechessee/Hazard creek 17-18 was downgraded from approved to restricted, and the Chechessee Creek 03-11 was upgraded from restricted to approved.

BIV Raingarden – Mr. Pitts explained the layout of the raingarden and specifics about the underdrain required for proper drainage. The County is trying to have sample raingardens for public demonstration. Some properties require raingardens and the County plans to provide raingarden workshops to interested parties.

6. New Business – None.

7. Public Comment(s) –

Council Woman Alice Howard thanked the Stormwater Board for their participation in getting the rate increase passed. She also commented that she is getting a lot of calls about the recent flooding issues and old concerns the public would like addressed now that the rate increase has passed.

8. Executive Session -

Discussion of Negotiations Incident to Proposed Contractual Arrangements and Proposed Purchase of Factory Creek Watershed Site – Following the Executive Session, Mr. James Fargher made a motion to provide Mr. Eric Larson the authority to proceed with the Rock Springs Creek Project providing the feasibility study is positive and the project is viable. The motion was seconded by Allyn Schneider and passed unanimously.

9. Next Meeting Agenda - Passed with possible work session included. Mr. Don Smith would like a report on monitoring parameters for effect on fish and other marine organisms as a future topic, Mr. Smith would also like to add voting for the chairman of the board to the next meeting agenda. Mr. Larry Meisner suggested contacting the Town of Port Royal representative about possibly assigning an alternate representative.

10. Meeting Adjourned



BEAUFORT COUNTY STORMWATER UTILITY
120 Shanklin Road
Beaufort, South Carolina 29906
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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Utility Update

1. Staff has reviewed 2 projects for County Staff Review Team.
2. Annual Stormwater Fee Billing – The staff continues to respond to questions about billing. Most are educational in nature and do not require adjustments. However, we need to make some minor adjustments in some cases to accounts for refinement of the IA (Impervious Area) and GA (Gross Area) measurements. There are a few significant issues arising and staff is working on a plan to address them. The identified issues involve marsh/open/eroded areas included in GA (Gross Area), inaccurate parcel line information and charges to master accounts associated with condominiums.
3. Mr. Larson attended training on SC Water Laws in Columbia.
4. Mr. Larson was interviewed by a graduate student from Clemson working on research concerning watershed planning efforts in the state. The focus was on current work in the Okatie watershed.
5. Mr. Larson has been elected onto the Board of Directors of SCASM for 2016. This involves one face to face meeting in Columbia and 3-4 conference calls throughout the year. MASC (Municipal Association of South Carolina) staffs the SCASM (South Carolina Association of Stormwater Managers) so the duties are minimal. Mr. Larson attended the first board meeting in Columbia last week.
6. Mr. Larson attended an invitation only roundtable hosted by Governing Magazine to discuss stormwater infrastructure: Key Strategies for Cross-Sector Investment & Building Resilient Communities. The purpose was to gain knowledge of what communities are doing to address water quality concerns and flooding issues.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

MS4 Update

1. BMP Manual Update – Staff met with ATM (Applied Technology and Management) staff to discuss a workplan for revision of the manual to meet MS4 MCM (Minimum Control Measures) 3, 4, 5, and 6 needs.
2. Inspection Data Management – Staff met to discuss a workplan to develop a MUNIS application for permitting and inspection.
3. Education and Outreach – Staff met with BSWCD (Beaufort Soil and Water Conservation District) staff to discuss changes to the FY 16 workplan and new items for the FY 17 workplan.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Monitoring Update

1. USCB and County MOU for the Lab Services – Staff met with USCB staff to continue drafting a revised agreement. A final draft is pending.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Stormwater Implementation Committee (SWIC) Report

1. The SWIC meeting on December 9, 2015 was canceled. The next meeting is January 20, 2016.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Stormwater Related Projects

1. US 278 Retrofit Ponds (\$356,000 =Budget) – Nothing new to report. Clearing and excavation on ponds 2 and 3 continues.
2. Turtle Lane Paving on Lady's Island (Stormwater Add-On) (\$8,940 Budget) – Staff has identified a potential elevation problem with the downstream receiving pipe. We are meeting with the design-build team doing the work to resolve the issue.
3. Okatie West / SC 170 Widening Retrofit Land Purchase (Land Acquisition = \$160,415 Budget, Design and Construction = \$915,000 Budget) – Closing of the property is still pending. The selection committee received 5 proposals for the engineering and surveying. The committee has recommended hiring Ward Edwards Engineering, which will be discussed later under New Business.
4. SC 170 Widening Pond #8 project (Land Acquisition = \$155,694 Budget, Design and Construction = \$630,840) – Closing of the property is still pending. Nothing new to report.
5. Huspah Court South Ditch Easement / Mike Zara – The County has revised the proposal to Mr. Zara after considering his in-kind site work in exchange for an easement. His response is pending.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Professional Contracts Report

1. Utility Rate Study – The portion of the rate study for the municipalities is still pending and will not be presented to the Board at the December meeting.
2. Stormwater Management Plan (Master Plan) Update – The recommendation was approved by the Natural Resources Committee. The County Council will take action on this contract on December 14, 2015.



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December 16, 2015

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Regional Coordination

1. Battery Creek Pond Funded by an EPA 319 Grant (\$132,609 Budget – County Portion) – The project team met with Dr. John Gray (property owner) last week to discuss the final design plan, bidding, and clearing plans. Dr. Gray is attempting to have the site timbered to salvage the trees for beneficial use. The team is adjusting the contractor's scope of services to account for this plan.
2. May River Watershed Action Plan – No update to report. (Town of Bluffton staff may also report)
3. Stoney Creek Project – No update to report. (Town of Bluffton staff may also report)
4. Pine Ridge Retrofit Project – No update to report. (Town of Bluffton staff may also report)
5. Buckingham Plantation Drive Innovation District Conceptual Design Study (\$25,000 Budget – SWU Portion) – Nothing new to report.
6. SC 170 Widening – Nothing new to report.
7. City of Beaufort Stormwater Assistance MOU – Nothing new to report.
8. Factory Creek Watershed Regional Detention Basin & Academy Park Subdivision Proposal – A Feasibility study is in progress. This item will be discussed further in Executive Session.
9. Factory Creek Watershed Regional Detention Basin "Phase II" – This item will be discussed further in Executive Session.
10. City of Beaufort and SCDOT partnership projects – Nothing new to report.
Plantation Business Park Drainage Assessment – Evaluation of the condition of the stormsewer system is still in progress. The Report should be available in January.



COUNTY COUNCIL OF BEAUFORT COUNTY
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December 9, 2015

October 2015 Stormwater Financials Narrative and Analysis

Since October is the 4th month of the fiscal year, one might expect expenses to be at 33% of budget based on consistent and recurring expenses. Stormwater is currently below this budget level at 20%.

The main source of revenue is from Stormwater Utility fees in property tax bills. The fees received relate to delinquent property tax payments in September and October. Stormwater should have a better idea of utility fees when the property taxes are mostly collected in December and January.

With the recent addition of the Capital Improvement Fund, some Stormwater Utility Funds have been transferred for larger retrofit projects that might take several years to fund and finish. Therefore, the Stormwater cash balance is now comprised of two cash balances. The Stormwater cash balance has decreased by about \$43,000 compared to last year, along with a increase in fund balance by about \$154,000.

Respectively submitted,

Alan R. Eisenman, CPA

102 Industrial Village Road, Building 2, Beaufort, SC 29906

"Professionally we serve; Personally we care!"

UNAUDITED AND PRELIMINARY
BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF NET ASSETS
Stormwater Utility and Capital Improvement Funds
October 31, 2015 & October 31, 2014

	Stormwater Utility Fund October 31, 2015	Capital Improvements Fund October 31, 2015	Stormwater Utility Fund October 31, 2014	Capital Improvements Fund October 31, 2014
ASSETS				
Current Assets				
Cash and Investments with Trustee	\$ 1,440,120	\$ 374,489	\$ 1,057,006	\$ 801,368
Receivables, Net	893	-	-	-
Inventories	73,741	-	113,850	-
Total Current Assets	<u>1,514,754</u>	<u>374,489</u>	<u>1,170,856</u>	<u>801,368</u>
Capital Assets	3,067,236	-	2,980,317	-
Accumulated Depreciation	<u>(2,247,961)</u>	<u>-</u>	<u>(2,109,674)</u>	<u>-</u>
	819,275	-	870,643	-
Total Assets	<u>\$ 2,334,029</u>	<u>\$ 374,489</u>	<u>\$ 2,041,499</u>	<u>\$ 801,368</u>
LIABILITIES				
Liabilities				
Account Payable	104,048	10,050	163,049	625
Accrued Payroll	33,813	-	68,378	-
Accrued Compensated Absences	7,823	-	6,247	-
Total Current Liabilities	<u>145,684</u>	<u>10,050</u>	<u>237,674</u>	<u>625</u>
Long Term Liabilities				
Accrued Compensated Absences	79,582	-	67,554	-
Net Other Postemployment Benefits Obligation	<u>702,056</u>	<u>-</u>	<u>920,444</u>	<u>-</u>
Total Long Term Liabilities	<u>781,638</u>	<u>-</u>	<u>987,998</u>	<u>-</u>
Total Liabilities	927,322	10,050	1,225,672	625
NET ASSETS				
Invested in Capital Assets, Net of Related Debt	819,275	-	870,643	-
Reserved for Encumbrances	233,337	136,620	494,236	306,962
Reserved for Capital Improvements	-	227,819	-	493,781
Unrestricted	<u>354,095</u>	<u>-</u>	<u>(549,052)</u>	<u>-</u>
Total Net Assets	<u>\$ 1,406,707</u>	<u>\$ 364,439</u>	<u>\$ 815,827</u>	<u>\$ 800,743</u>

Unaudited and Preliminary
 BEAUFORT COUNTY, SOUTH CAROLINA
 STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
 Stormwater Utility Fund
 For the Period Ended October 31, 2015

	Budget FY 2016	Actual	Budget to Actual	Percent of Budget
Operating Revenues				
Stormwater Utility Fees	\$ 5,058,882	\$ 158,434	(4,900,448)	3%
Countywide Infrastructure	496,148	4,614	(491,534)	1%
Stormwater Utility Project Billings	275,851	399	(275,452)	0%
Total Operating Revenues	<u>5,830,881</u>	<u>163,447</u>	<u>(5,667,434)</u>	<u>3%</u>
Operating Expenses				
Personnel	2,563,225	551,187	(2,012,038)	22%
Purchased Services	1,308,162	198,447	(1,109,715)	15%
Supplies	358,324	83,905	(274,419)	23%
Depreciation	248,481	82,828	(165,653)	33%
Total Operating Expenses	<u>4,478,192</u>	<u>916,367</u>	<u>(3,561,825)</u>	<u>20%</u>
Operating Income (Loss)	1,352,689	(752,920)	(2,105,609)	-56%
Non-Operating Revenues (Expenses)				
Interest Earned	2,771	-	(2,771)	0%
Total Non-Operating Revenues (Expenses)	<u>2,771</u>	<u>-</u>	<u>(2,771)</u>	<u>0%</u>
Transfers Out To Capital Improvement Fund	495,908	-	(495,908)	100%
Change in Net Assets	859,552	(752,920)	(1,612,472)	-88%
Net Assets, Beginning	<u>2,159,627</u>	<u>2,159,627</u>		
Net Assets, Ending	<u>\$ 3,019,179</u>	<u>\$ 1,406,707</u>	(1,612,472)	47%

Unaudited and Preliminary
BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
Stormwater Capital Improvements Fund
For the Period Ended October 31, 2015

	Budget FY 2016	Actual	Budget to Actual	Percent of Budget
Transfers In from Stormwater Utility Fund				
Administration Complex Parking Lot Retrofit	\$ -	\$ -	-	0%
Okatie East Retrofit	-	-	-	0%
Highway 278 Retrofit	-	-	-	0%
Okatie West Retrofit	-	-	-	0%
Buckingham Plantation Retrofit	400,000	-	(400,000)	0%
Upper Battery Creek Retrofit	95,908	-	(95,908)	0%
Brewer Memorial Park	-	-	-	0%
Total Transfers In	<u>495,908</u>	<u>-</u>	<u>(495,908)</u>	<u>0%</u>
Capital Improvement Expenses				
Administration Complex Parking Lot Retrofit	-	382	382	100%
Okatie East Retrofit	-	1,250	1,250	100%
Highway 278 Retrofit	47,590	24,855	(22,735)	52%
Okatie West Retrofit	315,000	-	(315,000)	0%
Buckingham Plantation Retrofit	400,000	-	(400,000)	0%
Upper Battery Creek Retrofit	117,604	2,860	(114,744)	2%
Brewer Memorial Park	9,500	-	(9,500)	0%
Total Operating Expenses	<u>889,694</u>	<u>29,347</u>	<u>(860,347)</u>	<u>100%</u>
Change in Net Assets by Project				
Administration Complex Parking Lot Retrofit		(382)	(382)	
Okatie East Retrofit		(1,250)	(1,250)	
Highway 278 Retrofit		(24,855)	(24,855)	
Okatie West Retrofit		-	-	
Buckingham Plantation Retrofit		-	-	
Upper Battery Creek Retrofit		(2,860)	(2,860)	
Brewer Memorial Park		-	-	
Total Change in Net Assets by Project		<u>(29,347)</u>	<u>(29,347)</u>	
Net Assets, Beginning				
Administration Complex Parking Lot Retrofit	24,919	24,919		
Okatie East Retrofit	35,169	35,169		
Highway 278 Retrofit	143,670	143,670		
Okatie West Retrofit	62,285	62,285		
Buckingham Plantation Retrofit	2,500	2,500		
Upper Battery Creek Retrofit	125,243	125,243		
Brewer Memorial Park	-	-		
Total Net Assets, Beginning	<u>393,786</u>	<u>393,786</u>		
Net Assets, Ending				
Administration Complex Parking Lot Retrofit		24,537		
Okatie East Retrofit		33,919		
Highway 278 Retrofit		118,815		
Okatie West Retrofit		62,285		
Buckingham Plantation Retrofit		2,500		
Upper Battery Creek Retrofit		122,383		
Brewer Memorial Park		-		
Total Net Assets, Ending	-	<u>\$ 364,439</u>		

Unaudited and Preliminary
BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
Stormwater Utility Fund
For the Period Ended October 31, 2014

	Budget FY 2015	Actual	Budget to Actual	Percent of Budget
Operating Revenues				
Stormwater Utility Fees	\$ 3,132,205	\$ 77,405	(3,054,800)	2%
Stormwater Utility Project Billings	44,189	281	(43,908)	1%
Total Operating Revenues	<u>3,176,394</u>	<u>77,686</u>	<u>(3,098,708)</u>	2%
Operating Expenses				
Personnel	2,261,074	717,473	(1,543,601)	32%
Purchased Services	684,864	164,139	(520,725)	24%
Supplies	350,509	91,248	(259,261)	26%
Depreciation	182,523	60,844	(121,679)	33%
Total Operating Expenses	<u>3,478,970</u>	<u>1,102,729</u>	<u>(2,376,241)</u>	32%
Operating Income (Loss)	(302,576)	(1,025,043)	(722,467)	339%
Non-Operating Revenues (Expenses)				
Gain (Loss) on Sale of Capital Assets	-	-	-	0%
Interest Earned	2,955	-	(2,955)	0%
Total Non-Operating Revenues (Expenses)	<u>2,955</u>	<u>-</u>	<u>(2,955)</u>	0%
Transfers Out To Capital Improvement Fund	-	12,365	12,365	0%
Change in Net Assets	(299,621)	(1,037,408)	(737,787)	346%
Net Assets, Beginning	<u>1,853,235</u>	<u>1,853,235</u>		
Net Assets, Ending	<u>\$ 1,553,614</u>	<u>\$ 815,827</u>	(737,787)	53%

Unaudited and Preliminary
BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
Stormwater Capital Improvements Fund
For the Period Ended October 31, 2014

	Budget FY 2015	Actual	Budget to Actual	Percent of Budget
Transfers In from Stormwater Utility Fund				
Administration Complex Parking Lot Retrofit	\$ -	\$ -	-	0%
Okatie East Retrofit	-	-	-	0%
Highway 278 Retrofit	-	-	-	0%
Okatie West Retrofit	-	-	-	0%
Buckingham Plantation Retrofit	-	12,365	12,365	100%
Upper Battery Creek Retrofit	-	-	-	0%
Total Transfers In	<u>-</u>	<u>12,365</u>	<u>12,365</u>	<u>0%</u>
Capital Improvement Expenses				
Administration Complex Parking Lot Retrofit	-	360	360	100%
Okatie East Retrofit	-	2,083	2,083	100%
Highway 278 Retrofit	-	-	-	0%
Okatie West Retrofit	-	12,938	12,938	100%
Buckingham Plantation Retrofit	-	-	-	0%
Upper Battery Creek Retrofit	-	4,634	4,634	100%
Total Operating Expenses	<u>-</u>	<u>20,015</u>	<u>20,015</u>	<u>100%</u>
Change in Net Assets by Project				
Administration Complex Parking Lot Retrofit		(360)	(360)	
Okatie East Retrofit		(2,083)	(2,083)	
Highway 278 Retrofit		-	-	
Okatie West Retrofit		(12,938)	(12,938)	
Buckingham Plantation Retrofit		12,365	12,365	
Upper Battery Creek Retrofit		(4,634)	(4,634)	
Total Change in Net Assets by Project		<u>(7,650)</u>	<u>(7,650)</u>	
Net Assets, Beginning				
Administration Complex Parking Lot Retrofit		327,169		
Okatie East Retrofit		40,892		
Highway 278 Retrofit		207,722		
Okatie West Retrofit		100,000		
Buckingham Plantation Retrofit		-		
Upper Battery Creek Retrofit		132,610		
Total Net Assets, Beginning		<u>808,393</u>		
Net Assets, Ending				
Administration Complex Parking Lot Retrofit		326,809		
Okatie East Retrofit		38,809		
Highway 278 Retrofit		207,722		
Okatie West Retrofit		87,062		
Buckingham Plantation Retrofit		12,365		
Upper Battery Creek Retrofit		127,976		
Total Net Assets, Ending	<u>\$ -</u>	<u>\$ 800,743</u>		



MEMORANDUM

Date: December 16, 2015

To: Stormwater Management Utility Board

From: Eddie Bellamy, Public Works Director

Re: **Maintenance Project Report for December 2015**

1. This report will cover six minor or routine projects. The Project Summary Reports are attached.

2. Minor or Routine Projects:

- A. **Pine Run Trail**, completed in September in District 7; we removed debris and used the string trimmer on fence line and around the catch basin.
- B. **Stanley Road**, completed in October in District 6; we cleaned out 3,055 feet of roadside ditch and jetted two crossline pipes and 10 driveway pipes.
- C. **Halifax Drive**, completed in October in District 8, we reconstructed 75 feet of roadside ditch and cleaned out another 371 feet, installed straw mat and rip rap for erosion control, and jetted one crossline, one access pipe, and four driveway pipes.
- D. **Parkside Drive**, completed in October in District 9; we repaired a sinkhole near a catch basin.
- E. **African Baptist Church Road**, completed in September in District 5; we opened up a crossline pipe with the Vacuum Truck to relieve localized flooding.
- F. **Horace Dawson Lane**, completed in November in District 5; we removed blockage from a flowline by hand.
- G. **Port Royal Island Vacuum Truck**, completed in November in District 6; we cleaned out 29 catch basins and jetted three driveway pipes, 16 crossline pipes, 30 feet of channel pipe, and 428 feet of roadside pipe.

4. This will be my last report to the Board as Public Works Director. I want to express my appreciation to the entire Board for your hard work and the dedication you have shown to your fellow citizens and protecting our environment. My special thanks go to Chairman Don Smith, the Grand Poobah of all things Stormwater. His advice and counsel were appreciated more than I can relate.



Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Pine Run Trail

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Removed debris, weedeat fenceline and around catch basin.

Completion: Sep-15

2016-547 / Pine Run Trail	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
WEED / Weedeating	12.0	\$270.96	\$10.62	\$8.50	\$0.00	\$175.11	\$465.19
2016-547 / Pine Run Trail Sub Total	12.5	\$282.71	\$10.62	\$8.50	\$0.00	\$181.73	\$483.55
Grand Total	12.5	\$282.71	\$10.62	\$8.50	\$0.00	\$181.73	\$483.55

Before



During



After





Project: Pine Run Trail

Activity: Routine/ Preventive Maintenance

Project #: 2016-547

Township: Lady's Island

Completed: September 2015

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



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Stanley Road

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Project improved 3,055 L.F. of drainage system. Cleaned out 3,055 L.F. of roadside ditch. Jetted (2) crossline pipes and (10) driveway pipes.

Completion: Oct-15

2016-533 / Stanley Road	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
CLPJT / Crossline Pipe - Jetted	20.0	\$457.60	\$86.80	\$37.13	\$0.00	\$297.00	\$878.53
DPJT / Driveway Pipe - Jetted	4.0	\$91.52	\$17.36	\$18.12	\$0.00	\$59.40	\$186.40
HAUL / Hauling	76.0	\$1,713.15	\$602.79	\$113.21	\$0.00	\$1,109.98	\$3,539.13
ONJV / Onsite Job Visit	7.0	\$232.40	\$17.70	\$10.20	\$0.00	\$158.81	\$419.11
RSDCL / Roadside Ditch - Cleanout	190.0	\$4,174.89	\$824.31	\$135.62	\$0.00	\$2,667.46	\$7,802.28
UTLOC / Utility locates	0.5	\$12.35	\$0.00	\$0.00	\$0.00	\$6.62	\$18.97
2016-533 / Stanley Road Sub Total	298.0	\$6,693.66	\$1,548.96	\$314.28	\$0.00	\$4,305.88	\$12,862.77
Grand Total	298.0	\$6,693.66	\$1,548.96	\$314.28	\$0.00	\$4,305.88	\$12,862.77

Before



During



After





Project: Stanley Road
 Activity: Vacuum Truck
 Project #: 2016-533
 Township: Port Royal Island
 Completed: October 2015

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 = 330 feet



Project: Stanley Road

Activity: Routine/ Preventive Maintenance

Project #: 2016-533

Township: Port Royal Island

Completed: October 2015

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 = 420 feet



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Halifax Drive

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Project improved 446 L.F. of drainage system. Reconstructed 75 L.F. roadside ditch. Cleaned out 371 L.F. of roadside ditch. Installed strawmat and rip rap for erosion control. Jetted (1) crossline pipe, (1) access pipe and (4) driveway pipes.

Completion: Oct-15

2016-536 / Halifax Drive	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
CCO / Channel - cleaned out	18.0	\$433.62	\$153.50	\$24.85	\$0.00	\$285.66	\$897.63
CLPJT / Crossline Pipe - Jetted	5.0	\$123.50	\$43.40	\$25.62	\$0.00	\$82.35	\$274.87
DPJT / Driveway Pipe - Jetted	10.0	\$228.80	\$43.40	\$24.00	\$0.00	\$148.50	\$444.70
HAUL / Hauling	47.0	\$1,046.69	\$353.28	\$391.36	\$0.00	\$677.74	\$2,469.07
HYDR / Hydroseeding	44.0	\$995.92	\$174.57	\$140.65	\$0.00	\$643.45	\$1,954.59
ONJV / Onsite Job Visit	11.0	\$407.94	\$39.26	\$20.40	\$0.00	\$282.17	\$749.77
PI / Project Inspection	2.0	\$91.20	\$7.24	\$3.40	\$0.00	\$67.92	\$169.76
PL / Project Layout	2.0	\$91.20	\$7.24	\$3.40	\$0.00	\$67.92	\$169.76
RPWO / Repaired Washout	30.0	\$680.40	\$126.63	\$43.23	\$0.00	\$439.50	\$1,289.76
SC / Sediment Control	15.0	\$347.50	\$48.11	\$107.91	\$0.00	\$225.90	\$729.42
SG / Shoot Grade	30.0	\$680.40	\$35.40	\$8.50	\$0.00	\$439.50	\$1,163.80
2016-536 / Halifax Drive Sub Total	214.5	\$5,138.92	\$1,032.03	\$793.31	\$0.00	\$3,367.22	\$10,331.48
Grand Total	214.5	\$5,138.92	\$1,032.03	\$793.31	\$0.00	\$3,367.22	\$10,331.48

Before



During



After





Project: Halifax Drive

Activity: Routine/ Preventive Maintenance

Project #: 2016-536

Township: St. Helena Island

Completed: September 2015

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: 9/28/2015
 File: C:\project summaries map\Halifax Drive_2016-536



Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Parkside Drive

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Repaired sinkhole.

Completion: Oct-15

2016-549 / Parkside Drive	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
HAUL / Hauling	5.5	\$122.49	\$43.95	\$156.31	\$0.00	\$79.31	\$402.05
ONJV / Onsite Job Visit	12.0	\$369.00	\$42.48	\$24.08	\$0.00	\$218.76	\$654.32
SD / Soft Digging	10.0	\$228.80	\$43.40	\$34.65	\$0.00	\$148.50	\$455.35
SR / Sinkhole repair	106.0	\$2,409.81	\$130.98	\$286.27	\$0.00	\$1,516.56	\$4,343.62
2016-549 / Parkside Drive Sub Total	134.0	\$3,141.84	\$260.81	\$501.31	\$0.00	\$1,969.74	\$5,873.70
Grand Total	134.0	\$3,141.84	\$260.81	\$501.31	\$0.00	\$1,969.74	\$5,873.70

Before



During



After



Project: Parkside Drive

Activity: Routine/
Preventive
Maintenance

Project #:
2016-549














Township:
Bluffton

Completed:
October 2015



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 = 83 feet

Prepared By: BC Stormwater Management Utility
Date Print: 10/13/15
File: C:\project summaries map\Parkside Drive_2016-549



Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: African Baptist Church Road

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Jetted (1) crossline pipe.

Completion: Nov-15

2016-555 / African Baptist Church Rd	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
CLPJT / Crossline Pipe - Jetted	9.0	\$339.37	\$12.22	\$206.88	\$0.00	\$150.54	\$709.01
ONJV / Onsite Job Visit	3.0	\$153.81	\$10.62	\$6.88	\$0.00	\$73.41	\$244.72
SVCREQ / Service Request	3.0	\$136.80	\$10.86	\$3.44	\$0.00	\$101.88	\$252.98
2016-555 / African Baptist Church Rd Sub Total	15.5	\$641.73	\$33.70	\$217.20	\$0.00	\$332.45	\$1,225.07
Grand Total	15.5	\$641.73	\$33.70	\$217.20	\$0.00	\$332.45	\$1,225.07

(Pictures Not Available)
















Project: African Baptist Church Road

Activity: Vacuum Truck

Project #: 2016-555

Township: Sheldon

Completed: November 2015

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 = 65 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/03/215

File: C:\project summaries map\African Baptist Church Road_2016-555



Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Horace Dawson Lane

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Removed blockage from flowline by hand.

Completion: Nov-15

2016-557 / Horace Dawson Lane	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	0.5	\$11.75	\$0.00	\$0.00	\$0.00	\$6.62	\$18.36
ONJV / Onsite Job Visit	1.0	\$34.18	\$3.54	\$5.16	\$0.00	\$24.47	\$67.35
RB / Remove blockage from flowline	4.0	\$87.90	\$3.54	\$5.16	\$0.00	\$56.16	\$152.76
2016-557 / Horace Dawson Lane Sub Total	5.5	\$133.83	\$7.08	\$10.32	\$0.00	\$87.25	\$238.47
Grand Total	5.5	\$133.83	\$7.08	\$10.32	\$0.00	\$87.25	\$238.47

Before



After





Project: Horace Dawson Lane

Activity: Routine/ Preventive Maintenance














Project #: 2016-557

Township: Sheldon

Completed: November 2015

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 45 90 180 270 360 Feet

1 inch = 190 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 11/03/15
 File: C:\project summaries map\Horace Dawson Lane_216-557



Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Port Royal Island Vacuum Truck

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Project improved 458 L.F. of drainage system. Cleaned out (29) catch basins. Jetted (3) driveway pipes, (16) crossline pipes, 30 L.F. of channel pipe and 428 L.F. of roadside pipe.

Completion: Nov-15

2016-306 / Port Royal Island Vacuum Truck	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	1.0	\$23.49	\$0.00	\$0.00	\$0.00	\$13.23	\$36.72
CBCO / Catch basin - clean out	88.0	\$1,999.08	\$381.92	\$193.63	\$0.00	\$1,294.56	\$3,869.19
CLPJT / Crossline Pipe - Jetted	24.0	\$545.55	\$104.16	\$71.17	\$0.00	\$353.34	\$1,074.22
DPJT / Driveway Pipe - Jetted	16.0	\$366.08	\$69.44	\$34.69	\$0.00	\$237.60	\$707.81
ONJV / Onsite Job Visit	6.5	\$199.88	\$23.01	\$8.60	\$0.00	\$118.50	\$349.98
RSPJ / Roadside Pipe - Jetted	12.0	\$286.26	\$52.08	\$42.15	\$0.00	\$188.55	\$569.04
2016-306 / Port Royal Island Vacuum Truck	147.5	\$3,420.34	\$630.61	\$350.23	\$0.00	\$2,205.77	\$6,606.96
Sub Total							
Grand Total	147.5	\$3,420.34	\$630.61	\$350.23	\$0.00	\$2,205.77	\$6,606.96

Before

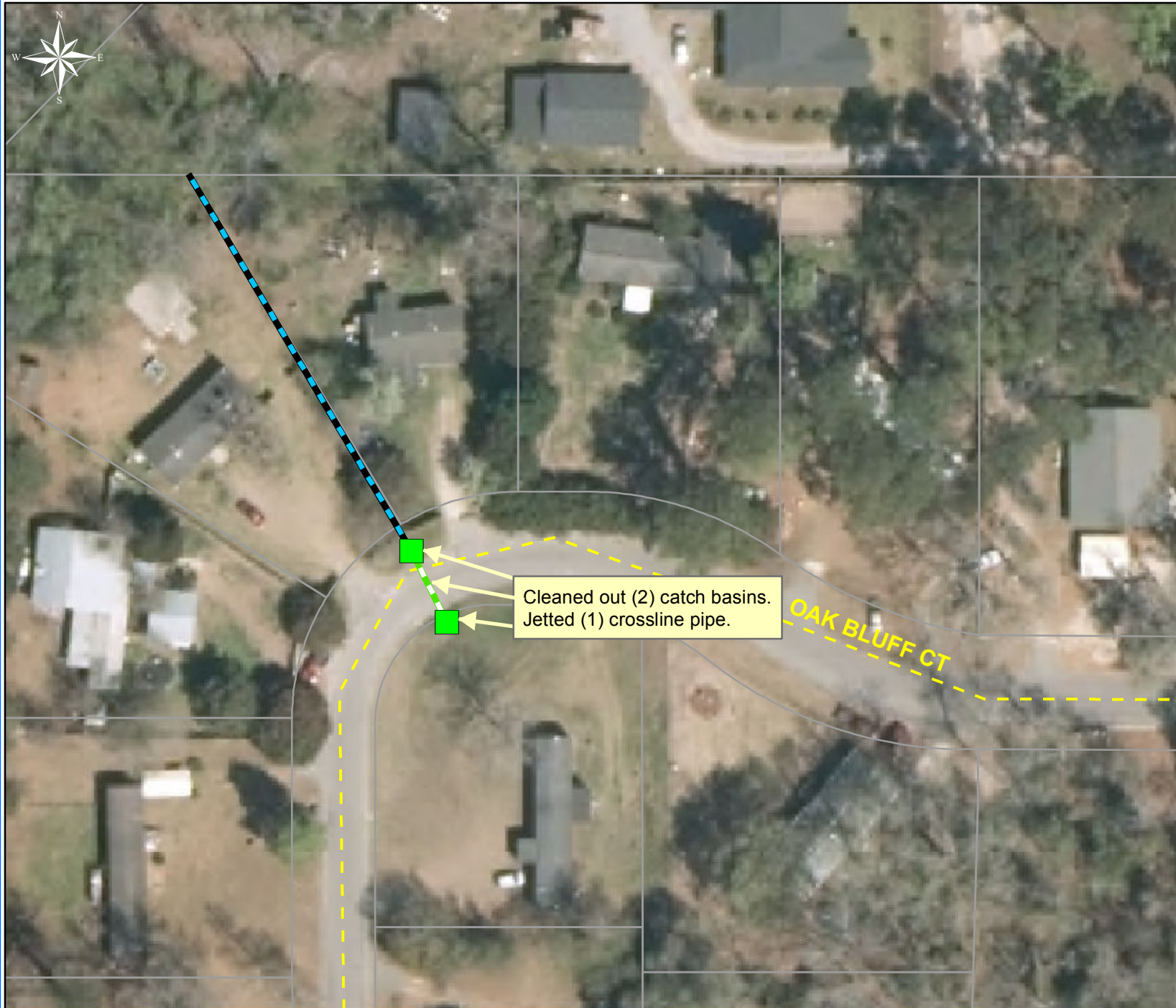


During



After





Project: Oak Bluff Court
Map 1

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015

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 = 61 feet

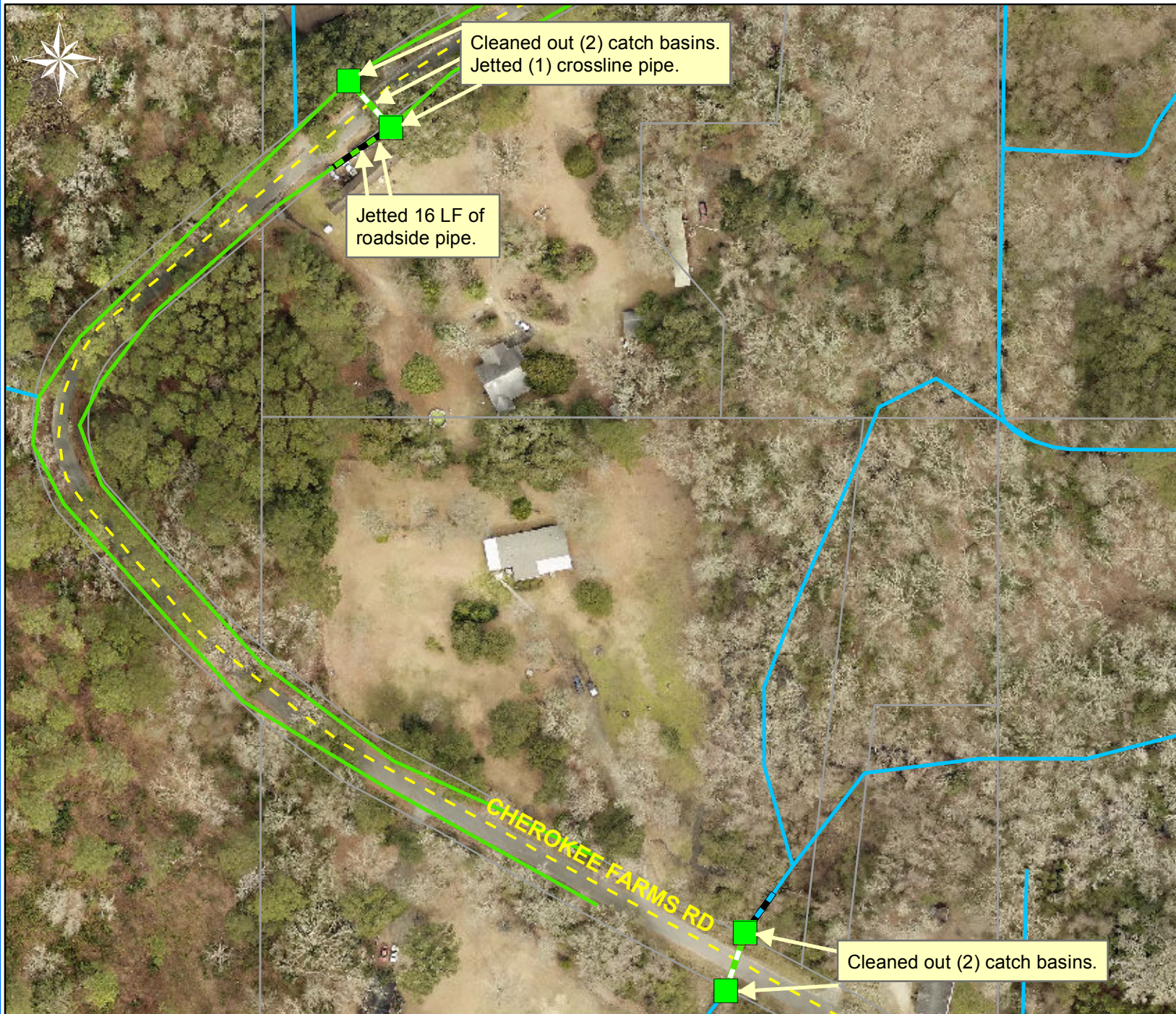
Project: Cherokee Farms Road Map 2

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015



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: 11/18/2015

File: C:\project summaries map\PRI-Cherokee Farms Road Map 2_2016-306



Project: Evergreen Lane
Map 3

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015

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

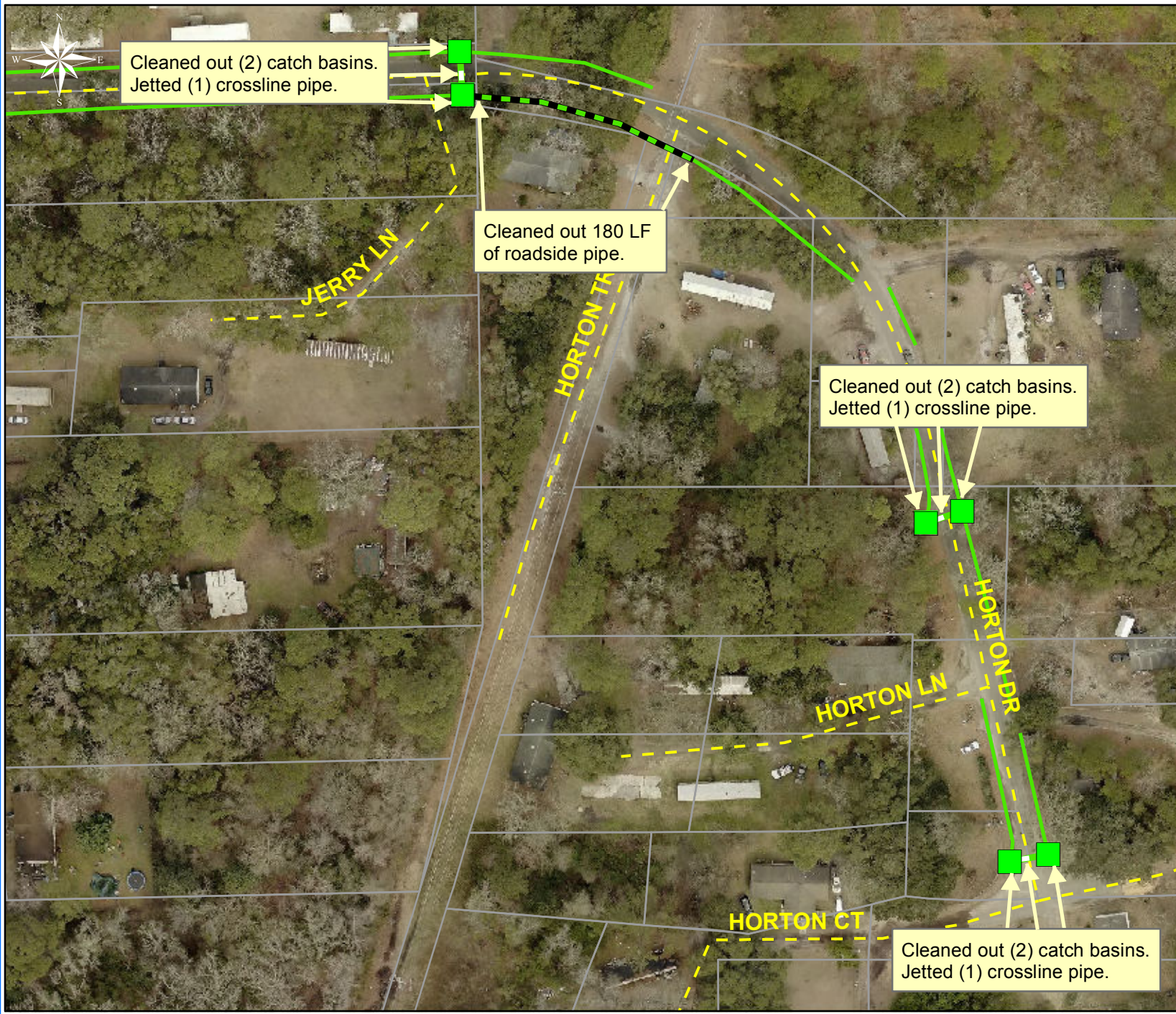


1 inch = 83 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/18/2015

File: C:\project summaries map\PRI Vac Truck_Evergreen Lane_2016-306



Project: Horton Drive Map4

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015

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



Project: Westwood Circle Map5

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015

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 = 67 feet

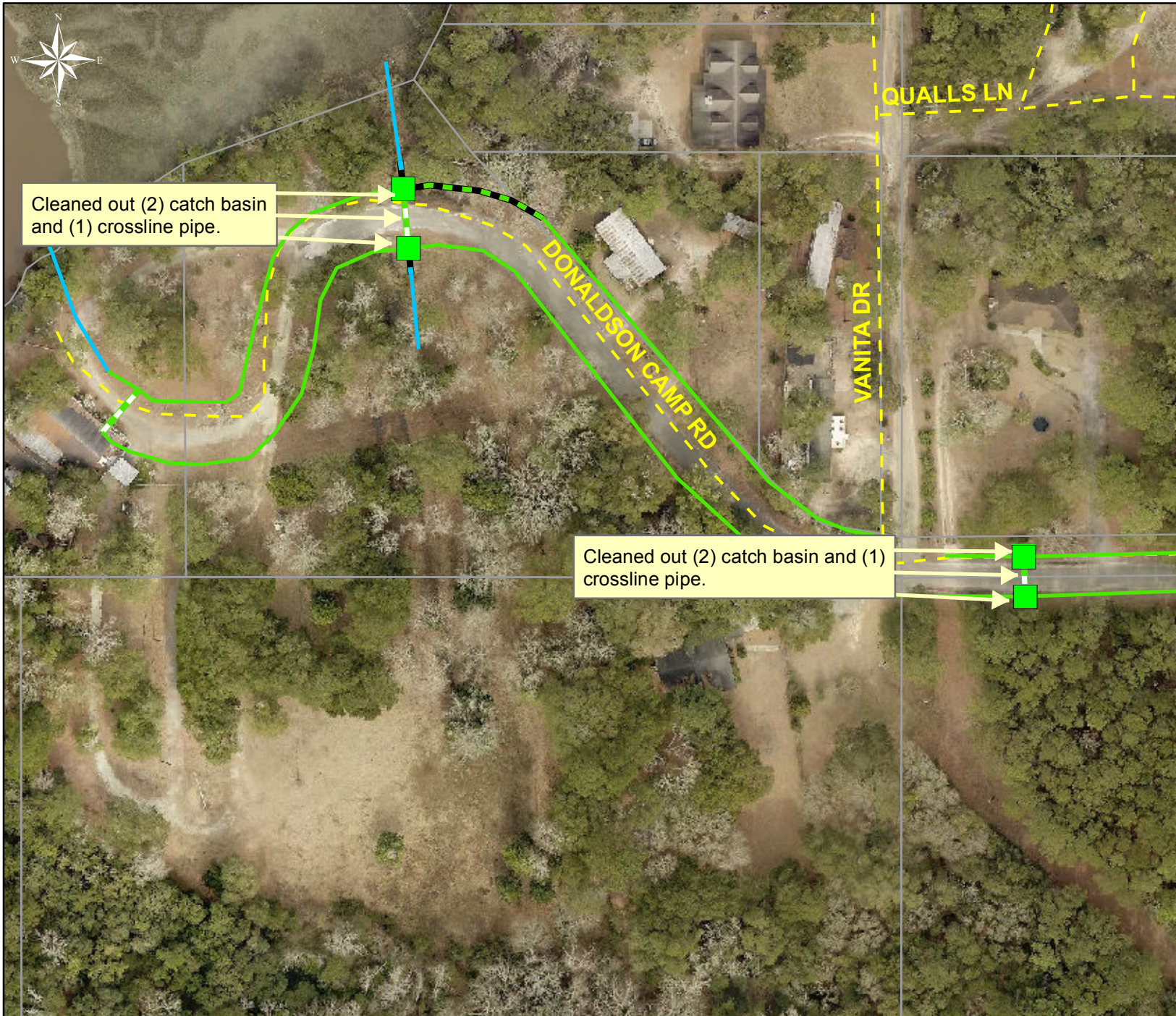
Project: Donaldson
Camp Road
Map 6

Activity: Vacuum
Truck

Project #:
2016-306

Township:
Port Royal Island

Completed:
November 2015



Cleaned out (2) catch basin
and (1) crossline pipe.

Cleaned out (2) catch basin and (1)
crossline 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



1 inch = 100 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/18/2015

File: C:\project summaries map\PRI VacTruck Map6- Donaldson Camp Road_2016-306



Project: Roosevelt Avenue
Map 7

Activity: Vacuum Truck

Project #: 2016-306

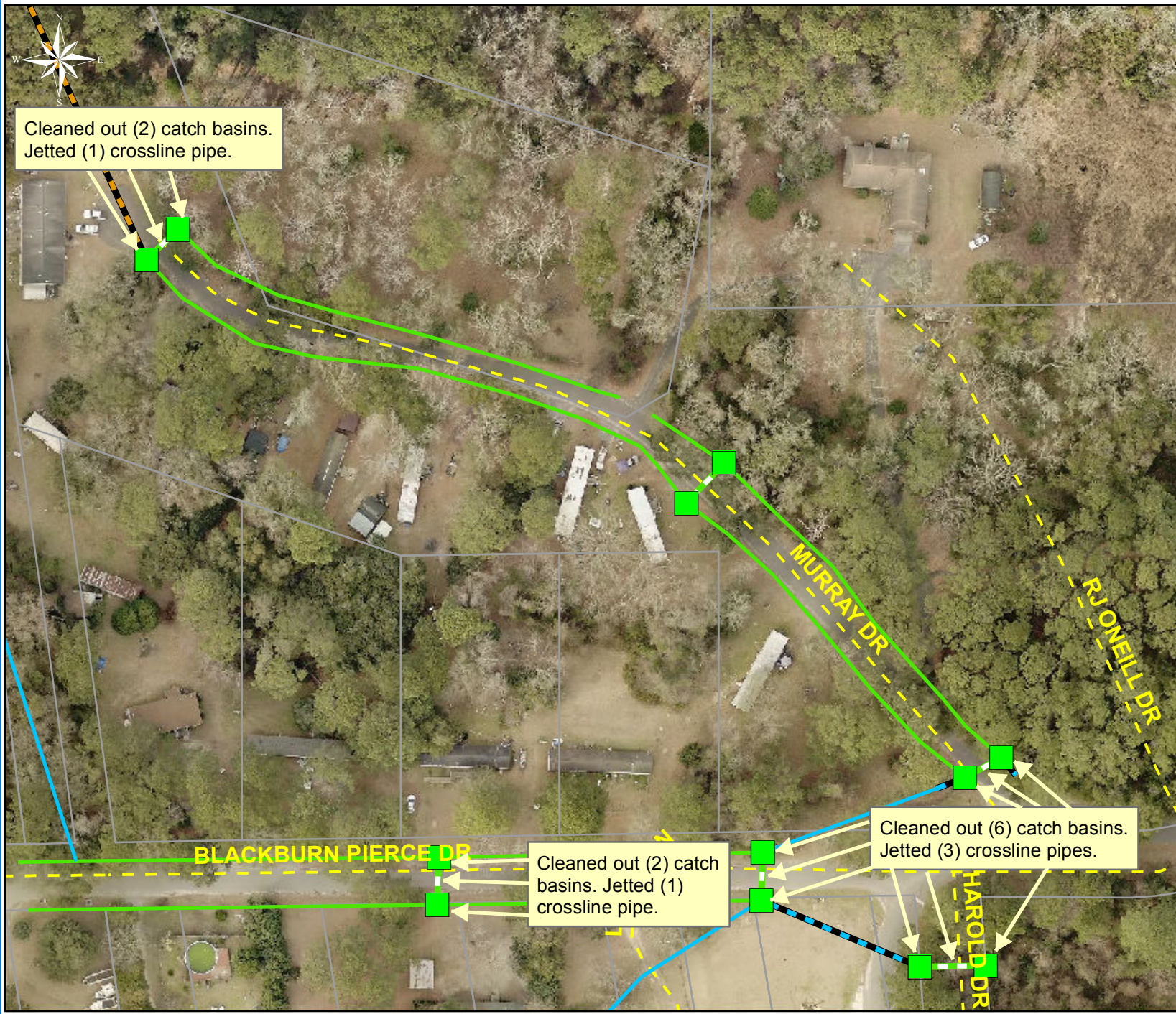
Township: Port Royal Island

Completed: October 2015

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



Project: Murray Drive, Blackburn Pierce Drive and Harold Drive
Map 8

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

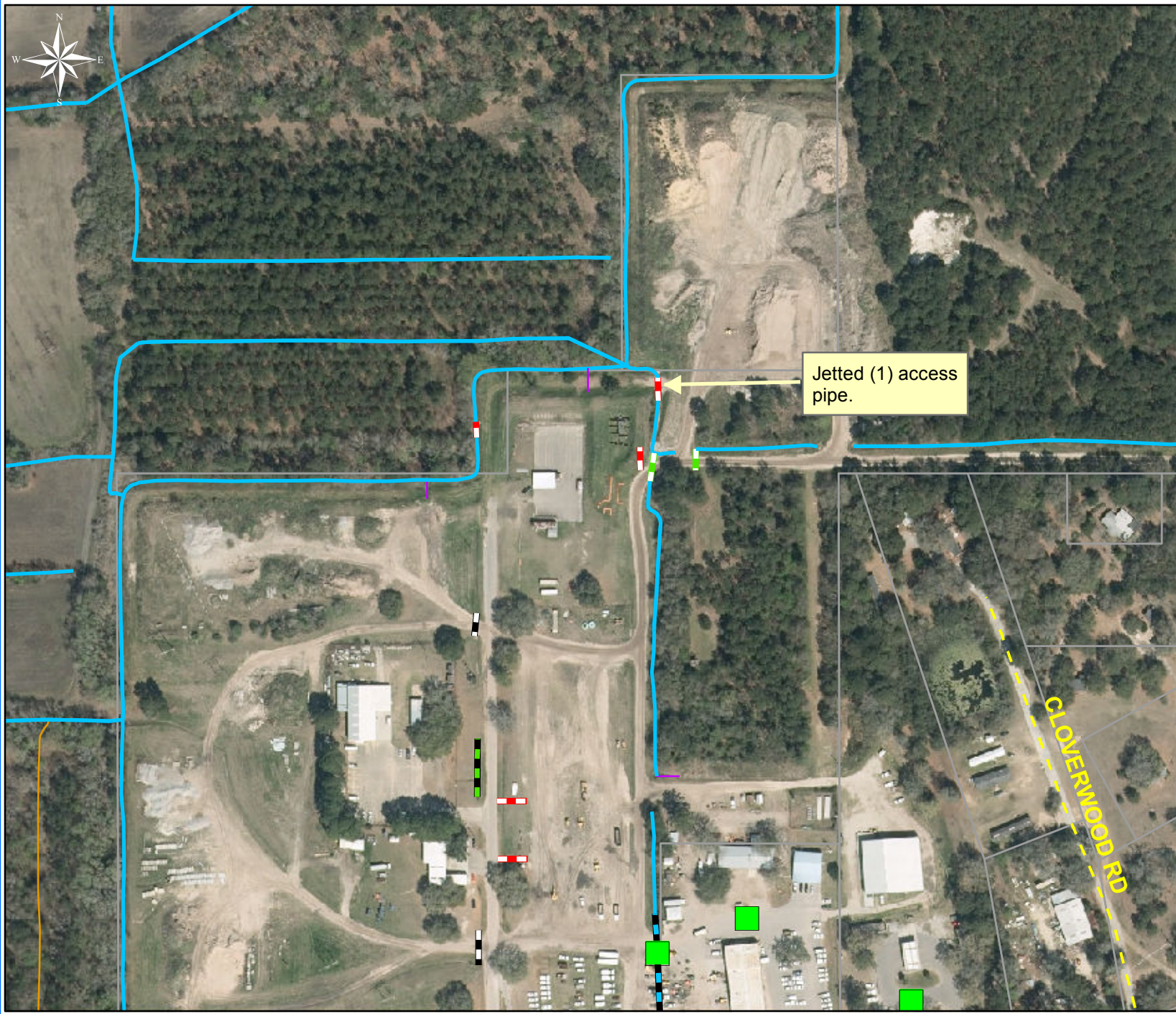
Completed: November 2015

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 1530 60 90 120
 Feet
1 inch = 100 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 11/18/2015

File: C:\project summaries map\PRI Vac Truck- Murray Drive, Blackburn Pierce Dr and Harold Dr Map 8 2016-306



Project: PRI Vacuum Truck-Public Works Complex

Activity: Vacuum Truck














Project #: 2015-306A

Township: Port Royal Island

Completed: June 2015

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



Project: Grays Hill Landing
Map 10

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015



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 = 67 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/18/2015

File: C:\project summaries map\PRI Vac Truck- Grays Hill Landing Map10_2016-306

Project: Butler Farms Road Map 11

Activity: Vacuum Truck

Project #: 2016-306

Township: Port Royal Island

Completed: November 2015



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 = 25 feet



Project:
Chesterfield
Lake Drive
Map 12

Activity: Vacuum
Truck

Project #:
2016-306

Township:
Port Royal Island

Completed:
November 2015

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 = 67 feet



COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT
106 Industrial Village Road, Building 3
Post Office Drawer 1228
Beaufort, South Carolina 29901-1228

TO: Councilman Brian Flewelling, Chairman, Natural Resources Committee

FROM: Dave Thomas, Purchasing Director

SUBJ: RFQ # 11302015 Request for Qualifications to Provide Engineering and Consulting Services for the 2015 Okatie West Regional Stormwater BMP, a CWA Section 319 grant project

DATE: January 4, 2016

BACKGROUND: Beaufort County Purchasing Department issued a Request for Qualifications (RFQ) for engineering and consulting services for the 2015 Okatie West Regional Stormwater BMP, a CWA Section 319 grant project. The proposal requested that the vendor consultant provide services to design and oversee construction of a regional stormwater best management practice. The Evaluation Committee consisted of five (5) staff members representing the County: Eric Larson - Stormwater Management; Rebecca Baker – Stormwater Management; Danny Polk – Stormwater Management; Andrea Atherton - Engineering; and Chanel Lewis - Finance. Beaufort County received five (5) responses to the RFQ. They reviewed and evaluated all RFQs, and decided to interview three (3) vendors listed below; Ward Edwards Engineering was selected and ranked the number one (1) firm. The final ranking is as follows:

1. Andrews Engineering, Beaufort, SC
2. Ward Edwards Engineering, Bluffton, SC (Interviewed)
3. McCormick Taylor, Charleston, SC (Interviewed)
4. Four Waters Engineering, Jacksonville, FL (Interviewed)
5. Thomas and Hutton Engineering, Savannah, GA

During the December 18, 2015 Stormwater Management Utility Board Meeting, the board voted _____ to recommend / not recommend the contract to Ward Edwards Engineering for the \$_____ scope of services.

The term of the contract will be effective January 5, 2016 to December 31, 2019, approximately 48 months (the term of the grant contract with DHEC). Contract fees for the project were negotiated with Ward Edwards Engineering, with the results attached to this recommendation.

FUNDING Primary Funding - 50250011-51160, Stormwater fees.

PROPOSED COST: \$ _____

FOR ACTION: Natural Resources Committee meeting January 4, 2016.

RECOMMENDATION: The Purchasing Department recommends that the Natural Resources Committee approve and recommend to County Council approval of the contract award of \$_____ to Ward Edwards Engineering for Engineering and Consulting Services for the 2015 Okatie West Regional Stormwater BMP, a CWA Section 319 grant project.

ATTACHMENTS:

Draft Contract
Fee Schedule
Fee Breakdown
Projected Project Schedule

CC: Gary Kubic, County Administrator
Joshua Gruber, Deputy County Administrator/Special Counsel
Alicia Holland, Assistant County Administrator, Finance
Monica Spells, Assistant County Administrator, Civic Engagement and Outreach
Don Smith, Chairman, Beaufort County Stormwater Board
Eric W. Larson, Division Director for Environmental Engineering

DRAFT



BEAUFORT COUNTY
STORMWATER MANAGEMENT UTILITY BOARD AGENDA
Wednesday, January 27, 2016
2:00 p.m.
Executive Conference Room 170, 100 Ribaut Road, Beaufort, SC
843.255.2805

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.

1. CALL TO ORDER – 2:00 p.m.
 - A. Approval of Agenda
 - B. Approval of Minutes – December 16, 2015 ([backup](#))
2. INTRODUCTIONS
3. PUBLIC COMMENT
4. REPORTS
 - A. Utility Update – Eric Larson, P.E. ([backup](#))
 - B. Monitoring Update – Eric Larson, P.E. ([backup](#))
 - C. Stormwater Implementation Committee Report – Eric Larson, P.E. ([backup](#))
 - D. Stormwater Related Projects – Eric Larson, P.E. ([backup](#))
 - E. Upcoming Professional Contracts Report – Eric Larson, P.E. ([backup](#))
 - F. Regional Coordination – Eric Larson, P.E. ([backup](#))
 - G. MS4 Update – Rebecca Baker ([backup](#))
 - H. Maintenance Projects Report – Eddie Bellamy ([backup](#))
 - I. Financial Report ([backup](#))
5. UNFINISHED BUSINESS ([backup](#))
6. NEW BUSINESS ([backup](#))
 - A. Special Report – Kevin Pitts - Discussion of monitoring needs to measure impacts to local marine organisms.
7. PUBLIC COMMENT
8. NEXT MEETING AGENDA
 - A. February 24, 2016 ([backup](#))
9. ADJOURNMENT

