



## CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY THAT THE FOLLOWING ELECTRONIC RECORDS ARE TRUE AND ACCURATE REPRODUCTIONS OF THE ORIGINAL RECORDS OF JAMES CITY COUNTY GENERAL SERVICES DEPARTMENT- STORMW ATER DIVISION; WERE SCANNED IN THE REGULAR COURSE OF BUSINESS PURSUANT TO GUIDELINES ESTABLISHED BY THE LIBRARY OF VIRGINIA AND ARCHIVES; AND HA VE BEEN VERIFIED IN THE CUSTODY OF THE INDIVIDUAL LISTED BELOW.

**BMPNUMBER:** 99202

**DATE VERIFIED:** December 6, 2016

**QUALITY ASSURANCE TECHNICIAN:** Charles E. Lovett II

A handwritten signature in cursive script that reads "Charles E. Lovett II".

**LOCATION:** WILLIAMSBURG, VIRGINIA



# Stormwater Division

## MEMORANDUM

**DATE:** December 6, 2016  
**TO:** Virginia Correctional Enterprises Document Management Services  
**FROM:** Charles Lovett II, Stormwater Administrative Assistant  
**BMP:** 99202  
**RE:** Files Approved for Scanning

<b>NAME PDF/SCANNED FILE:</b>		Warhill Stream Restoration Project	
<b>BMP ID OR GEN FILE NUMBER:</b>	99202	<b>OWNER NAME :</b>	JAMES CITY COUNTY
<b>PIN:</b>	3210100012	<b>SITE ADDRESS:</b>	5700 WARHILL TRAIL
		<b>LEGAL DESCRIPTION:</b>	PARCEL 1 WARHILL TRACT; JCC THIRD HIGH SCHOOL SITE ADDRESS

<b>MAINTENANCE AGREEMENT IN FILE:</b>	N/A	<b>BOOK/PAGE OR DOCUMENT NO:</b>	N/A	<b>OTHER DESCRIPTION:</b>	A3 - Wet Pond
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<b>BOX NO:</b>	N/A	<b>COMMENTS:</b>	



## County Record Checklist

\*Directions: Please check the type of file for scanning and check the documents enclosed in the file. Remove any budget documents, contractor financial statements or any documents with account numbers.

### Stormwater Projects, General Site/Subdivision (from ERP) and Stream Restoration Files

Order of Contents:

File Name: 99202

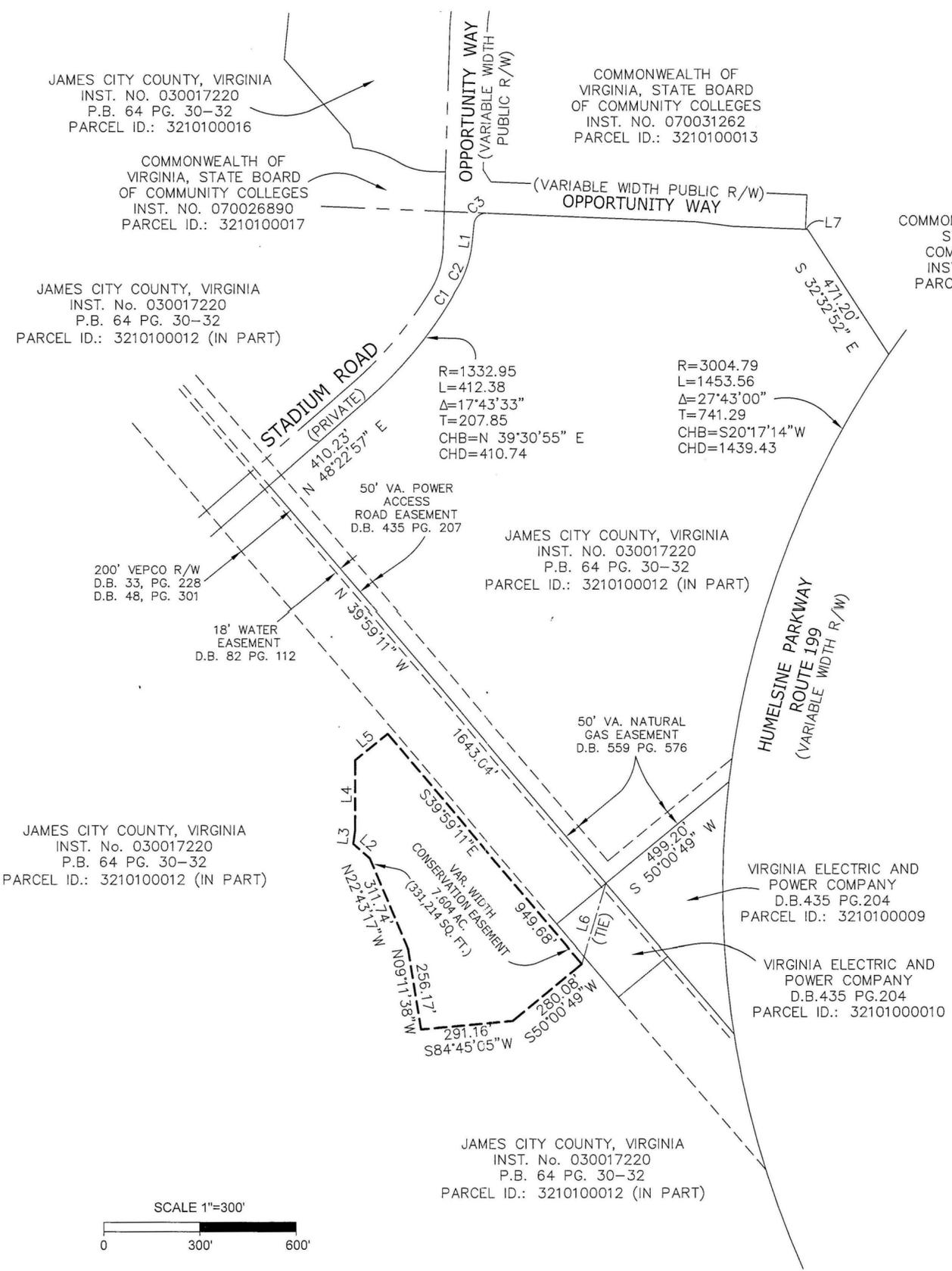
	a.	Certification of Authenticity (placed in the file at the time of certification)
	b.	Memorandum of files approved for scanning
	c.	This checklist
<input type="checkbox"/>	1.	Maintenance Agreement
<input checked="" type="checkbox"/>	2.	Deeds/Easements/Agreements/Property Records
<input type="checkbox"/>	3.	Record Drawings (As Builts)
<input checked="" type="checkbox"/>	4.	Construction Drawings
<input checked="" type="checkbox"/>	5.	Warranties
<input checked="" type="checkbox"/>	6.	Project development documentation
<input checked="" type="checkbox"/>	7.	Reports
<input type="checkbox"/>	8.	Specifications and engineering calculations
<input checked="" type="checkbox"/>	9.	Permitting (ex. wetlands permit, SWPPP)
<input checked="" type="checkbox"/>	10.	Inspections
<input checked="" type="checkbox"/>	11.	Correspondence
<input checked="" type="checkbox"/>	12.	Misc. (ex. photos)

### Stormwater Stormwater Mangement Facilities (BMP) Files

Order of Contents:

File Name: \_\_\_\_\_

	a.	Certification of Authenticity (placed in the file at the time of certification)
	b.	Memorandum of files approved for scanning
	c.	This checklist
<input type="checkbox"/>	1.	Maintenance Agreement
<input type="checkbox"/>	2.	Deeds/Easements/Agreements/Property Records
<input type="checkbox"/>	3.	Construction Certificate
<input type="checkbox"/>	4.	Record Drawing (as-built plan)
<input type="checkbox"/>	5.	Construction Drawings
<input type="checkbox"/>	6.	Design Calculations
<input type="checkbox"/>	7.	Reports
<input type="checkbox"/>	8.	Correspondence
<input type="checkbox"/>	9.	Inspection Records
<input type="checkbox"/>	10.	Misc. (ex. photos)



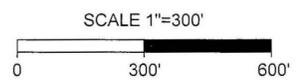
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING	CHORD
C1	338.66'	28.89'	14.45'	4°53'14"	N27°29'26"E	28.88'
C2	333.00'	162.85'	83.09'	28°01'13"	N19°45'31"E	161.23'
C3	37.00'	56.02'	34.96'	86°45'02"	N49°08'35"E	50.82'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N05°46'04"E	63.26'
L2	N48°19'20"W	68.74'
L3	N07°34'36"E	43.39'
L4	N00°00'00"E	222.08'
L5	N50°38'19"E	130.92'
L6	S16°22'46"W	264.24'
L7	S87°28'54"E	6.72'

**NOTES:**  
 THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE BINDER, THEREFOR ALL EXISTING EASEMENTS MAY NOT BE SHOWN.



**PLAT SHOWING A VARIABLE WIDTH CONSERVATION EASEMENT ACROSS THE PROPERTY OF JAMES CITY COUNTY, VIRGINIA**



Powhatan District	James City County, Va
DATE: SEPT.9, 2009	SCALE: 1"=300'
SHEET: 1 OF 1	J.N.: 24136
DRAWN BY: M.S.F.	CHECK BY: M.C.S.

VII CERTIFICATE OF SUBSTANTIAL COMPLETION Contract Title/No.

Project Description: Ironbound Compensatory Mitigation Plan Project No 10-3726  
 Location: James City County Other: \_\_\_\_\_  
 Completion Date: 12-22-10  
 Contract Date: 6-21-10  
 Contract For: \_\_\_\_\_ Contractor: HGS LLC dba Angler Environmental  
 Owner: James City County

This Certificate of Substantial Completion applies to all Work under the Contract Documents or to the following specified parts thereof:

Section 600 - Planting; Tasks 605-1 through 605-12. Guarantees and warranties for tree planting will be effective for a period of 365 days beyond date of substantial completion for section 600.

TO WIT: The Owner and Contractor are hereby advised that the work to which this certificate applies has been inspected by authorized representatives of the Owner, Contractor, and Engineer, and that all Work is hereby declared to be substantially complete in accordance with the Contract Documents on:

December 22, 2010

Date of Substantial Completion

A tentative list of items to be completed or corrected is attached hereto. This list may not be all-inclusive and the failure to include an item in it does not alter the responsibility of the CONTRACTOR to complete all items of the Work in accordance with the Contract Documents. When this certificate applies to a specified part of the Work, the items in this tentative list shall be completed or corrected by the CONTRACTOR within 365 days of the above date of substantial completion. The date of substantial completion is the date which all guarantees and warranties begin, except as follows:

Work completed for sections 110, 301, 303, 414, 513, and 603 of the Contract Documents substantial completion began August 6, 2010

This certificate is issued, accepted, and acknowledged by:

Engineer	By	Title	Date
Contractor	By	Title	Date
Owner	By	Title	Date



COUNTY OF JAMES CITY, VIRGINIA

SILTATION AGREEMENT

THIS AGREEMENT, made this 7 day of June, 2010, by and between  
HGS LLC DBA Angler Environmental, and  
all successors in interest, a corporation ("Developer"), and the County of James City, Virginia,  
("County"), and Scott J. Thomas, ("Agent") the County's  
Administrator of the Erosion and Sediment Control Ordinance.

WITNESSETH:

WHEREAS, Developer, desires approval of plans by the Agent for the County, for a project  
known as Ironbound Road BMP Compensatory Mitigation Plan,  
located at James City County, Virginia,  
which plans include provision of siltation and erosion control measures as required by Chapter 8 of  
the Code of the County, and

WHEREAS, County desires to ensure the installation, maintenance and adequate performance  
of such control measures,

NOW THEREFORE, for and in consideration of the foregoing premises and the following  
terms and conditions, and in further consideration of the approval of the aforesaid plans by the  
County and the issuance of permits for the work proposed to be done thereunder the parties hereto  
agree as follows:

1. Developer has either:

- a. deposited with Agent, and Agent by this execution hereof acknowledges that he  
holds, the sum of \_\_\_\_\_

dollars (\$ \_\_\_\_\_) in escrow under and subject to the terms of this  
agreement, or;

- b. has furnished the County an irrevocable letter of credit or bond with corporate  
surety, whose terms and conditions are acceptable in substance and in form to the  
County Attorney, in the sum of Thirty seven thousand

dollars (\$ 37,000.00), which letter of credit or bond is under and subject  
to the terms of this agreement.

The deposit, letter of credit or bond (collectively "Security Instrument") is designed to insure performance of the Developer's obligations and to insure reimbursement to the County in the event that it performs work or causes work to be performed pursuant to this Agreement and plans approved by and on file with the County.

2. In the event measures for the control of siltation and/or erosion as provided for on the plans referred to herein, or on any approved revision thereof, are not constructed at or prior to the occurrence of any rainstorm or other phenomena actually causing any siltation or erosion, County or its authorized agent shall have the right to enter upon Developer's property and construct such measures or do such other work as may be necessary to prevent further erosion or siltation, provided that County shall first give notice in writing to Developer or his superintendent of its intent so to do.

3. In the event measures for the control of siltation and/or erosion have been constructed, but fail, through overload and/or inadequate maintenance, to perform the function for which they were intended, County or its authorized agent, may in like manner to paragraph 2 above, enter to perform such reconstruction or maintenance as may be necessary to restore performance in accord with the plans, or approved revisions thereof, upon giving notice in writing to Developer or his superintendent of its intent so to do.

4. In the event there occurs siltation and/or erosion from the property covered by the plans referred to herein in sufficient quantity adversely to affect downstream drainage, or travel on any street, road, highway or other public way, then County may take such steps as may be necessary to restore functions to the affected drainage or travel way.

5. a. In the event County determines work shall be performed or causes to be performed work of any nature, including labor, use of equipment, and materials, under the provisions of paragraphs 2, 3 and 4 above, either by County staff, or other contractor, Agent shall draw and disburse to County on its order such sum or sums as may be requested, provided, however, that Agent's liability so to disburse shall be limited to the undistributed balance in its hands of:

1. the escrow amount, or
2. the letter of credit, or
3. the bond

Such surety may be drawn in total, if at the time the surety is to expire, if all improvements or any portion thereof are not complete and surety has not been adequately extended or replaced to ensure completion of the improvements. In addition, the County may draw a Security Instrument in the event it is not renewed or amended to remain in effect at least 10 days prior to its expiration. A notice that such draw has been made shall be delivered or mailed by County to Developer.

b. In the event the County calls, collects or otherwise draws on the Security Instrument pledged under this agreement, Developer agrees to either pay, or have the County use the proceeds of the draw to pay, a reasonable administrative fee of \$35.00 plus any costs actually incurred by the County in drawing on the Security

Instrument. The charge for an administrative fee plus costs shall apply regardless of whether the County later accepts a renewal or amendment of the Security Instrument.

6. In the event Agent makes disbursement pursuant hereto, Developer agrees to deposit within ten (10) days of such disbursement, an amount sufficient either:

- a. to restore escrow amount to its original balance as shown in paragraph 1; or
- b. to furnish an additional letter of credit in the amount of the draft; or
- c. to secure such additional bonds as to restore same to its original balance as shown in paragraph 1.

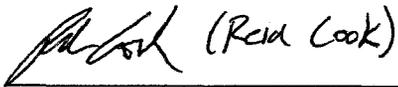
7. It is expressly agreed by all parties hereto that it is the purpose and intent of this Agreement to ensure the installation, maintenance, and performance of measures provided for on approved plans or revisions thereof, for the control of siltation and erosion, and for the restoration of function of facilities for drainage or vehicular travel if such facilities are adversely affected in their function by siltation or erosion from the property the subject of such plans. This Agreement shall not be deemed to create or affect any liability of any party hereto for any damage alleged to result from or be caused by erosion or siltation.

8. It is expressly agreed by the parties hereto that either:

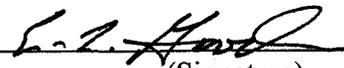
- a. the escrow amount shall be held by Agent unless distributed in accordance with paragraph 5 above, or paid to County as part of the cost to complete improvements required by ordinance and/or agreement, or released in writing by County, through its Agent, or
- b. the letter of credit or bond shall be held by Agent unless distributed in accordance with paragraph 5 above, or paid to County as part of the cost to complete improvements required by ordinance and/or agreement, or released in writing by County, through its Agent.

IN WITNESS WHEREOF, the parties hereto, being first duly authorized, have affixed their signatures on the date first above written.

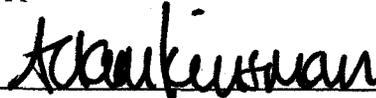
ATTEST:

  
\_\_\_\_\_  
(Reid Cook)

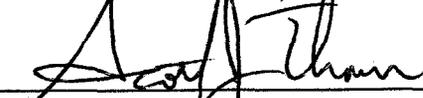
Owner: E. L. GODWIN PRINCIAL (SEAL)  
(Print Name and Title)

BY:   
\_\_\_\_\_  
(Signature)

Approved as to form:

  
\_\_\_\_\_  
County Attorney

COUNTY OF JAMES CITY, VIRGINIA

BY:   
\_\_\_\_\_  
County Agent

MEMORANDUM

DATE: October 27, 2009  
TO: The Board of Supervisors  
FROM: Frances C. Geissler, Stormwater Director  
SUBJECT: Restrictive Covenant – Warhill Stream Restoration – Parcel No. 3210100012 (in Part)

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The proposed Ironbound Square Regional Stormwater Management Facility is designed to treat stormwater from both the widened Ironbound Road and proposed homes in the Ironbound Square neighborhood. The facility will also treat currently untreated stormwater from the existing development in the surrounding neighborhood. Its proposed location, adjacent to an unnamed tributary to College Creek, requires a stream permit from the United States Army Corps of Engineers (“The Corps”). The Corps permit requires James City County to undertake a compensatory stream restoration project to mitigate anticipated impacts to the Ironbound Square receiving stream channel.

James City County has agreed to restore a small section of an unnamed tributary to the Powhatan Creek in the Warhill Sports Complex. Both College and Powhatan Creeks are in the James River watershed portion of James City County. To complete the permitting process, the Corps requires that restrictions be placed on 7.6 acres of the Warhill Sports Complex to ensure that this area remains in a natural state to help mitigate the stream impacts caused by construction of the Ironbound Square Regional Stormwater Management Facility. The restricted area constitutes 7.604 acres and is generally located adjacent to the Virginia Power road easement, the Warhill Stadium, and upstream of the Warhill East Pond.

Staff recommends approval of the attached resolution authorizing the County Administrator to execute any and all documents necessary to establish the restrictive covenants.

  
\_\_\_\_\_  
Frances C. Geissler

CONCUR:

  
\_\_\_\_\_  
John T.P. Horne

FCG/nb  
WarhillStrm\_mem

Attachment

**RESOLUTION**

**RESTRICTIVE COVENANT – WARHILL STREAM RESTORATION –**

**PARCEL NO. 3210100012 (IN PART)**

WHEREAS, James City County owns 7.604 acres located at the Warhill Sports Complex, designated as Parcel No. 3210100012 on James City County Real Estate Tax Map/Parcel No. 3210100012, Page 32, Lot No. 12 (the Property); and

WHEREAS, James City County has agreed to restore a portion of an unnamed tributary to Powhatan Creek as part of construction of the Ironbound Square Regional Stormwater Management Facility; and

WHEREAS, the United States Army Corps of Engineers requires a restrictive covenant on the stream restoration site to ensure that the area remains in a natural state; and

WHEREAS, the Board of Supervisors, following a public hearing, is of the opinion that it is in the public's interest to establish the restrictive covenants.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of James City County, Virginia, hereby authorizes the County Administrator to execute any and all documents necessary to establish a restrictive covenant maintaining 7.604 acres in a natural state.

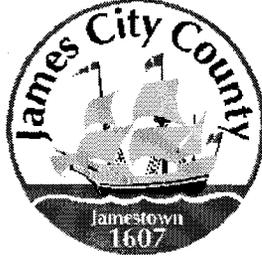
\_\_\_\_\_  
James G. Kennedy  
Chairman, Board of Supervisors

ATTEST:

\_\_\_\_\_  
Sanford B. Wanner  
Clerk to the Board

Adopted by the Board of Supervisors of James City County, Virginia, this 27th day of October, 2009.

WarhillStrm\_res



**NOTICE OF AWARD (10-3726)**

**TO: HGS, LLC dba ANGLER ENVIRONMENTAL  
12811 RANDOLPH RIDGE LANE  
MANASSAS, VA 20109**

**PROJECT DESCRIPTION: IRONBOUND ROAD BMP COMPENSATORY MITIGATION PLAN**

The Owner has considered the Bid submitted by you for the above described Work in response to its Invitation for Bids dated **April 2010**.

You are hereby notified that your Bid has been accepted for the Work in the amount of **EIGHTY FOUR THOUSAND NINE HUNDRED AND Seventy-Three Dollars and Sixty-Five /Cents (\$84,973.65)**.

You are required by the terms of the Bid Documents to fully execute and return **Two (2)** copies of the Agreement along with the required **Contractor's Performance Bond, Payment Bond and Erosion and Sediment Control Surety Bond for \$37,000.00** as outlined in the Bid Document along with the **Certificate of Insurance** as soon as possible, but within **10** Days from the date of this Notice of Award. ***In addition, Please provide a copy of your Contractor's License. Insurance should provide coverage per Invitation for Bid, Section 103, pages 103-2 and 103-3.***

If you fail to execute the Agreement and to furnish said Bonds and Certificate of Insurance within **Ten (10)** Days from the date of this Notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your Bid as abandoned and as a forfeiture of your Bid Security. The Owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner. The Notice of Award shall not be construed as notice to proceed.

Dated this **1st day June, 2010**.

**JAMES CITY COUNTY**  
Owner

By **Don Breland** \_\_\_\_\_

Title **Senior Buyer, VCO**

**ACCEPTANCE OF NOTICE**

RECEIPT OF THE ABOVE NOTICE OF AWARD IS HEREBY ACKNOWLEDGED:

BY: \_\_\_\_\_ (CONTRACTOR)

TITLE: \_\_\_\_\_

THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 2009

**AGREEMENT (CONTRACT NO. 10-3726)**

This AGREEMENT dated this 1<sup>st</sup> day of **June, 2010** by and between **James City County** hereinafter called the Owner; and **HGS, LLC dba Angler Environmental** (Corporation or unincorporated organization organized and existing under the laws of the State of Virginia, or, an individual trading under the above name) hereinafter called the Contractor.

WITNESSETH: The Owner and Contractor, for the consideration stated herein, agree as follows:

**A. Scope of Work: Ironbound Road BMP Compensatory Mitigation Plan**

The Contractor shall perform all required Work and shall provide and furnish all supervision, labor, materials, necessary tools, expendable equipment and utility and transportation service and all else required to complete the construction of the **forementioned Scope of Work** all in strict accordance with the Drawings and Specifications, including any and all Addenda, and in strict compliance with the Contract Documents, the terms of which are incorporated herein by reference.

It is understood and agreed that said supervision, labor, materials, tools, equipment and service shall be furnished and said Work performed and completed under the direction and supervision of the Contractor and subject to the approval of the Owner or its authorized representative.

**B. Engineer**

This Project has been designed by **The Timmons Group. Mr. Barry Moses, James City County Storm Water Division Engineer**, will act as the Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to the Engineer in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents. In the event the Owner should not require the services of the Engineer for any or all parts of the Project, the power, duties, and responsibilities conferred hereto to the Engineer shall be construed to be those of the Owner or his authorized representative.

**C. Guarantee**

All materials and equipment, furnished by the Contractor, and all construction involved in this Contract shall be ~~and the same all~~ hereby guaranteed by the Contractor free from defects owing to faulty materials or workmanship for a period of one year after date of substantial completion of the Work. All Work that proves defective, by reason of faulty material or workmanship within said period of one year, shall be replaced by the Contractor free of cost to the Owner. The guarantee shall not operate as a waiver of any of the Owner's rights and remedies for default under or breach of the Agreement which rights and remedies may be exercised at any time within the period of any applicable statute of limitations.

**D. Contract Price**

The Owner shall pay the Contractor as just compensation for the satisfactory performance of the Work, subject to any additions or deductions as provided in the Contract Documents, the unit and/or lump sum price as contained in the Bid Schedule attached hereto.

The Contract Price **Eighty-Four Thousand Nine Hundred Seventy-Three dollars and Sixty-Five /Cents (\$84,973.65)** based upon **Total Base Bid Price** as herein contained and attached hereto.

E. **Payments**

The Owner will pay the Contract Price to the Contractor in the manner and at such times as set forth in Section 109 of the Hampton Roads Planning District Commission *Regional Construction Standards*, Fourth Edition, as referenced in Section I. below and as specifically revised for this Project..

F. **Time**

The undersigned Contractor agrees to commence Work within **Ten (10) Days** after the date of Notice to Proceed and further agrees to complete all Work under this Agreement within **90** consecutive calendar days from the date of the Notice to Proceed.

G. **Applicable Law/Compliance**

1. **Applicable Law**

The contract shall be deemed to be a Virginia contract and shall be governed as to all matters of validity, interpretations, obligations, performance, or otherwise, exclusively by the laws of the Commonwealth of Virginia, and all questions arising with respect thereto shall be determined in accordance with such laws. Regardless of where actually delivered and accepted, this contract shall be deemed to have been delivered and accepted by the parties in the Commonwealth of Virginia.

2. **Compliance with all Laws**

Contractor shall comply with all federal, state and local statutes, ordinances, and regulations, now in effect or hereafter adopted, in the performance of Work set forth herein. Contractor represents that it possesses all necessary licenses and permits required to conduct its business and will acquire any additional license and permits necessary for performance of this contract prior to the initiation of work. Contractor further expressly represents that it is a corporation in good standing in the Commonwealth of Virginia and will remain in good standing throughout the term of the contract. Contractor shall at all times observe all health and safety measures and precautions necessary for the sanitary and safe performance of the contract work.

3. **Venue**

Any and all suits for any claims or for any breach or dispute arising out of these Contract Documents shall be maintained in the appropriate court of competent jurisdiction in the **James City County**.

4. **Environmental Considerations**

Any cost or expense associated with environmentally related violations of the law, the creation or maintenance of a nuisance, or releases of hazardous substance, including but not limited to, the cost of any clean up activities, removals, remediation, responses, damages, fines, administrative or civil penalties or charges imposed on the Owner, whether because of actions or suits by any governmental or regulatory agency or by any private party, as a result of the release of any hazardous substances, or any noncompliance with or failure to meet any federal, state or local standards, requirements, laws, statutes, regulations or the law of nuisance by the Contractor (or its agents, officers, employees, subcontractors, consultants, subconsultants, or any other persons, corporations, or legal entities employed, utilized, or retained by the Contractor) in the performance of this contract or related activities, shall be paid by the Contractor.

5. Non-Discrimination/Drug-Free Workplace Provisions

- (a) **Employment discrimination by Contractor shall be prohibited. By submitting their bids, Bidders certify to James City County/James City Service Authority that they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans With Disabilities Act, and the Code of Virginia § 43.2.2-4311. If the award is made to a faith-based organization, the organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the contract on the basis of the recipient's religion, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender or national origin and shall be subject to the same rules as other organizations that contract with public bodies to account for the use of the funds provided; however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (Code of Virginia § 43.2.2-4343.1.E.)** During the performance of this Agreement, Contractor agrees as follows:
- (i) Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification/consideration reasonably necessary to the normal operation of Contractor. Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
  - (ii) Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that Contractor is an equal opportunity employer.
  - (iii) Notices, advertisements and solicitations placed in accordance with federal law, rule or regulations shall be deemed sufficient for the purpose of meeting the requirements of this section.

- (iv) Contractor will include the provisions of the foregoing subsections (i) and (ii), and (iii) in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.
- (b) During the performance of this Agreement, Contractor agrees as follows:
  - (i) Contractor will provide a drug-free workplace for Contractor's employees.
  - (ii) Contractor will post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition.
  - (iii) Contractor will state in all solicitations or advertisements for employees placed by or on behalf of Contractor that Contractor maintains a drug-free workplace.
  - (iv) Contractor will include the provisions of the foregoing subsections (i), (ii) and (iii) in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.
  - (v) **For the purposes of this section, "Drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Contractor, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession, or use of any controlled substance or marijuana during the performance of the contract.**

#### H. Liquidated Damages

The damage and loss to the Owner resulting from failure of the Contractor to complete the Work within the time specified, plus any extension of time granted shall be as stipulated in Section 108. X, and Section 102.III, Bid Form. Damage monies may be withheld on partial and final payment to the Contractor. (See Section 102.III **Bid Form** and Section 109.X for explanation and specified dollar amounts).

#### I. Component Parts of the Contract

This Agreement includes all completed components of the Bid and Contract Documents as defined in Section 101 of the HRPDC *Regional Construction Standards* (Latest Edition indicated in the Invitation for Bids), as revised for this Project all of which are incorporated herein by reference.

#### J. Binding

This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

K. Changes to the Agreement

No provision of this Agreement shall be changed, amended, modified, waived, or discharged except As agreed to in writing by the Owner and the Contractor.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the day And first above written in (TWO) counterparts each of which shall for all purposes be deemed an original.

**OWNER**

**CONTRACTOR**

**James City County**  
*Owner*

**HGS, LLC dba Angler Environmental**  
*Contractor*

By: Sanford B. Wanner  
*Name*

By: \_\_\_\_\_  
*Name*

Title: **County Administrator**

Title: \_\_\_\_\_

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_

Address: **Purchasing Office**

**James City County**

Address: \_\_\_\_\_

**P.O Box 8784**

\_\_\_\_\_

**Williamsburg, Virginia 23187-8784**

\_\_\_\_\_

Contractor No.: \_\_\_\_\_

(If Contractor is a corporation or an unincorporated organization, attach evidence of authority to sign)  
*[Corporate Seal]*

**PERFORMANCE BOND**

Bond No. \_\_\_\_\_  
Amount: \$ \_\_\_\_\_

KNOW ALL PERSONS BY THESE PRESENTS, that \_\_\_\_\_  
\_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_, hereinafter called the Contractor and \_\_\_\_\_ a corporation duly  
organized and existing under and by virtue of the laws of the State of \_\_\_\_\_, hereinafter called  
the Surety, and authorized to transact business within the Commonwealth of Virginia as the Surety, are held  
and firmly bound unto \_\_\_\_\_ as Owner, in the sum of  
\_\_\_\_\_ dollars (\$ \_\_\_\_\_), lawful money of  
the United States of America, for payment of which, well and truly be made to the Owner, the Contractor  
and the Surety bind themselves and each of their heirs, executors, administrators, successors, and assigns,  
jointly and severally, firmly by these presents as follows:

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT:

WHEREAS, the Contractor has executed and entered into a certain Agreement, hereto attached, with the  
Owner dated \_\_\_\_\_, 20\_\_\_\_, for \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOW THEREFORE, if the Contractor, and its successors and assigns, shall at all times duly, promptly, and  
faithfully perform the Work and any alteration in or addition to the obligations of the Contractor arising  
thereunder, including the matter of infringement, if any, of patents or other proprietary rights, and shall  
assure all guarantees against defective workmanship and materials, including the guarantee period following  
final completion by the Contractor and final acceptance by the Owner and comply with all the covenants  
therein contained in the Specifications, Drawings, and other Contract Documents required to be performed  
by the Contractor, in the manner and within the times provided in the Agreement, and shall fully indemnify  
and save harmless the Owner from all costs and damage which it may suffer by reason or failure to do so,  
and shall fully reimburse and repay it all outlay and expenses which it may incur in making good any default,  
and reasonable counsel fees incurred in the prosecution of or defense of any action arising out of or in  
connection with any such default, then this obligation shall be void; otherwise to remain in full force and  
effect.

PROVIDED, HOWEVER, that the Surety, for value received, for itself and its successors and assigns,  
hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the  
Contract Documents or to the Work to be performed thereunder, or payment thereunder before the time  
required therein, or waiver of any provision thereof, or assignment, subletting or transfer thereof or any part  
thereof, shall in any way affect its obligation on this Bond, and it does hereby waive notice of any such  
change, extension of time, alteration, addition to the terms of the Contract Documents or any such payment,  
waiver, assignment, subcontract or transfer.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the  
right of any beneficiary hereunder, whose claim may be unsatisfied.

Whenever Contractor shall be declared by Owner to be in default under the Contract, the Owner having performed Owner's obligations thereunder, the Owner shall have the right, at its option, to require the Surety to promptly proceed to remedy the default within 30 days of notice by proceeding or procuring others to proceed with completing the Agreement with its terms and conditions; and all reserves, deferred payments, and other funds provided by the Agreement to be paid to Contractor shall be paid to Surety at the same times and under the same conditions as by the terms of that Agreement such fund would have been paid to Contractor had the Agreement been performed by Contractor; and Surety shall be entitled to such funds in preference to any assignee of Principal of any adverse claimant. Notwithstanding the above, the Owner shall have the right, with the approval of the Surety which shall not be unreasonably withheld, to take over and assume completion of the Agreement and be promptly paid in cash by the Surety for the cost of such completion less the balance of the Contract price.

IN WITNESS WHEREOF, all above parties bounded together have executed this instrument this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and those presents duly signed by its undersigned representative, pursuant to authority of its governing body.

CONTRACTOR

\_\_\_\_\_

By: \_\_\_\_\_ (Seal)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_  
Attest

SURETY

\_\_\_\_\_

By: \_\_\_\_\_ (Seal)

\_\_\_\_\_  
Attest

APPROVED AS TO FORM: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
OWNER

NOTE: Date of Bond shall not be prior to the date of the Agreement. If the Contractor is a partnership, all partners shall execute the Bond.

IMPORTANT: The Surety named on this Bond shall be one who is licensed to conduct business in the Commonwealth of Virginia, and named in the current list of Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies, as published in Circular 570 (amended) by the Audit Staff Bureau of Accounts, U.S. Treasury Department. All Bonds signed by an agent shall be accompanied by a certified copy of the authority to act for the Surety at the time of signing of this Bond.

**PAYMENT BOND**

Bond No. \_\_\_\_\_  
Amount: \$ \_\_\_\_\_

KNOW ALL PERSONS BY THESE PRESENTS, that \_\_\_\_\_  
\_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ hereinafter called the Contractor and \_\_\_\_\_ a corporation duly  
organized and existing under and by virtue of the laws of the State \_\_\_\_\_, hereinafter  
called the Surety, and authorized to transact business within the Commonwealth of Virginia as the Surety,  
are held and firmly bound unto \_\_\_\_\_ as Owner, in the sum  
of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), lawful money of the United States of America,  
for payment of which, well and truly be made to the Owner, the Contractor and the Surety bind themselves  
and each of their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by  
these presents as follows:

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT:

WHEREAS, the Contractor has executed and entered into a certain Agreement, hereto attached, with the  
Owner dated \_\_\_\_\_, 20\_\_\_\_, for \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOW THEREFORE, if the Contractor shall promptly make payments to all persons, firms, subcontractors,  
and corporations furnishing materials for or performing labor in the prosecution of the Work provided for in  
the Agreement, and any authorized extension or modification thereof, including all amounts due for  
materials, lubricants, oil, gasoline, repairs on machinery, equipment, and tools consumed, used or rented in  
connection with the construction of the Work, and all insurance premiums on the Work, and for all labor  
performed in the Work, whether by Subcontractor or otherwise, then this obligation shall be void, otherwise  
to remain in full force and effect.

PROVIDED, HOWEVER, that the Surety, for value received, hereby stipulates and agrees that no change,  
extension of time, alteration, or addition to the terms of the Contract Documents or to the Work to be  
performed thereunder, shall in any way affect its obligation on this Bond, and it does hereby waive notice of  
any such change, extension of time, alteration, or addition to the terms of the Contract Documents.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the  
right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, all above parties bounded together have executed this instrument this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and those presents duly signed by its undersigned representative, pursuant to authority of its governing body.

CONTRACTOR

By: \_\_\_\_\_ (Seal)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_  
Attest

SURETY

\_\_\_\_\_  
By: \_\_\_\_\_ (Seal)

\_\_\_\_\_  
Attest

APPROVED AS TO FORM: \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
OWNER

NOTE: Date of Bond shall not be prior to the date of the Agreement. If the Contractor is a partnership, all partners shall execute the Bond.

IMPORTANT: The Surety named on this Bond shall be one who is licensed to conduct business in the Commonwealth of Virginia, and named in the current list of Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies, as published in Circular 570 (amended) by the Audit Staff Bureau of Accounts, U.S. Treasury Department. All Bonds signed by an agent shall be accompanied by a certified copy of the authority to act for the Surety at the time of signing of this Bond.



**ECS Mid-Atlantic, LLC**

108 Ingram Road  
Suite 1  
Williamsburg, VA 23188  
(757) 229-6677

## LETTER OF TRANSMITTAL

August 12, 2010

James City County  
113 Tewning Road  
Williamsburg, VA 23187-8784

ATTN: Accounting

RE: **Ironbound Road BMP Compensatory Stream  
Mitigation**

ECS Job #  
**07:10802**

Permits:

Location: **Ironbound Road  
Williamsburg, VA**

We are enclosing:

- Materials Engineering Division Reports
- For your use
- As requested

CC: **Angler Environmental - Reid Cook**  
**Timmons - Rebecca Napier, PE**  
**Timmons - Steve Quina, Jr., PE**  
**James City County - David K. Greshamer**  
**James City County - Barry Moses, PE**

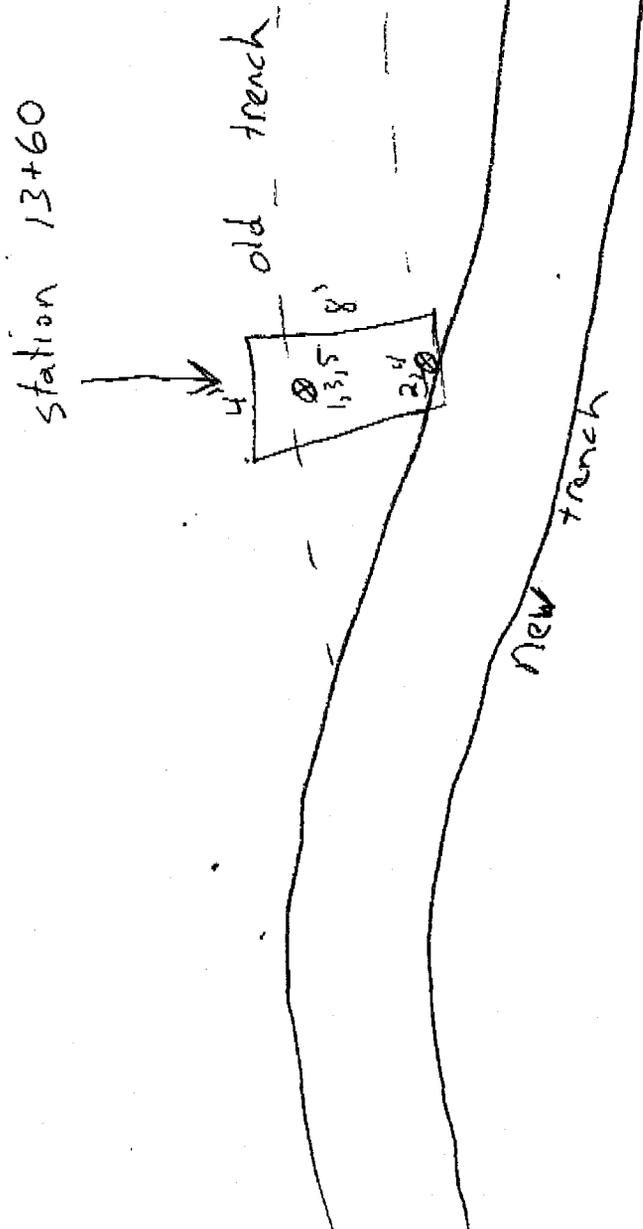
ENCL:

Field Report # 2                      08/04/2010                      compaction

Bob Moss, P.E.  
Principal Engineer

David J. Schlotterer, C.P.S.S.  
Senior Project Geologist





LOCATION: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

TECHNICIAN: \_\_\_\_\_

DATE: \_\_\_\_\_



SITE DRAWING

ECS PROJECT NAME: \_\_\_\_\_

ECS PROJECT NO.: \_\_\_\_\_

WORK ORDER ID #: 52063



## Field Compaction Summary, ASTM D6938

Project No: 10802

Project Name: Ironbound Road BMP Compensatory Stream Mitigation

Date: 08/04/10

Client: James City County

Contractor: Angler Environmental

Technician: Ryan Andrew Reynolds

Test Method ASTM D6938			
Nuclear Gauge No. 23547			
Make		Density Std	2350
Model		Moisture Std	539
Ser. No.	23547		

**ECS MID-ATLANTIC, LLC**

Sample: <b>B-1</b>		Description: <b>Silty SAND, Gray (SC)</b>				Proctor Method: <b>ASTM D-698</b>		Uncorrected Max. Density: <b>113.40</b>				Uncorrected Opt. MC: <b>13.50</b>		
Test No.	Test Mode	Probe Depth	Station / Location	Lift / Elev	% Oversize	Corrected Maximum Dry Density (pcf)	Corrected Optimum Moisture Content (%)	Test Data				P / F	GPS Longitude GPS Latitude	Comments
								Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)			
													no GPS Lat no GPS Lat	
Sample: <b>B-2</b>		Description: <b>Silty Sand with Clay pockets, Red-Brown</b>				Proctor Method: <b>ASTM D-698</b>		Uncorrected Max. Density: <b>121.70</b>				Uncorrected Opt. MC: <b>11.40</b>		
Test No.	Test Mode	Probe Depth	Station / Location	Lift / Elev	% Oversize	Corrected Maximum Dry Density (pcf)	Corrected Optimum Moisture Content (%)	Test Data				P / F	GPS Longitude GPS Latitude	Comments
								Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)			
1	DT	6	station 13+60 clay plug for old trench	1st	0.00	121.70	11.40	129.6	117.1	10.6	96.2	P	no GPS Lat no GPS Lat	
2	DT	6	station 13+60 clay plug for old trench	2nd	0.00	121.70	11.40	131.7	118.1	11.5	97.0	P	no GPS Lat no GPS Lat	
3	DT	6	station 13+60 clay plug for old trench	3rd	0.00	121.70	11.40	131.7	119.0	10.7	97.8	P	no GPS Lat no GPS Lat	
4	DT	6	station 13+60 clay plug for old trench	4th	0.00	121.70	11.40	131.6	118.3	11.2	97.2	P	no GPS Lat no GPS Lat	
5	DT	6	station 13+60 clay plug for old trench	5th	0.00	121.70	11.40	131.6	118.9	10.7	97.7	P	no GPS Lat no GPS Lat	

Test Mode: DT = Direct Transmission

BS = Back Scatter



**ECS Mid-Atlantic, LLC**  
 108 Ingram Road  
 Suite 1  
 Williamsburg, VA 23188  
 (757) 229-6677

**RECEIVED**  
 AUG 02 2010

RECEIVED ON  
 AUG 03 '10  
 Stormwater Division

BY: \_\_\_\_\_  
**LETTER OF TRANSMITTAL**

July 28, 2010  
 James City County  
 113 Tewning Road  
 Williamsburg, VA 23187-8784  
 ATTN: Accounting

RE: **Ironbound Road BMP Compensatory Stream  
 Mitigation**  
 ECS Job #  
           **07:10802**  
 Permits:  
 Location: **Ironbound Road  
 Williamsburg, VA**

We are enclosing:  
 Materials Engineering Division Reports  
 For your use  
 As requested

CC: **Angler Environmental - Reid Cook**  
**Timmons - Rebecca Napier, PE**  
**Timmons - Steve Quina, Jr., PE**  
**James City County - David K. Greshamer**  
**James City County - Barry Moses, PE**

ENCL:                      Field Report # 1                      07/26/2010                      compaction                      Non Compliance Noted

  
 Bob Moss, P.E.  
 Principal Engineer

  
 David J. Schlotterer, C.P.S.S.  
 Senior Project Geologist





**ECS Mid-Atlantic, LLC**

108 Ingram Road  
Suite 1  
Williamsburg, VA 23188  
(757) 229-6677

**LETTER OF TRANSMITTAL**

July 28, 2010

James City County  
113 Tewning Road  
Williamsburg, VA 23187-8784

ATTN: Accounting

**RE: Ironbound Road BMP Compensatory Stream Mitigation**

ECS Job #  
**07:10802**

Permits:

Location: **Ironbound Road  
Williamsburg, VA**

We are enclosing:

- Materials Engineering Division Reports
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CC: **Angler Environmental - Reid Cook**  
**Timmons - Rebecca Napier, PE**  
**Timmons - Steve Quina, Jr., PE**  
**James City County - David K. Greshamer**  
**James City County - Barry Moses, PE**

ENCL:

Field Report # 1

07/26/2010

compaction

Non Compliance Noted

Bob Moss, P.E.  
Principal Engineer

David J. Schlotterer, C.P.S.S.  
Senior Project Geologist





# Land Disturbing Permit Application

James City County  
Environmental Division  
P.O. Box 8784  
Williamsburg, VA 23187-8784  
Telephone: (757) 253-6670

SP-108-07; CBE-10-081  
SP  
CP } OK 7/14/10  
SW  
PC-315  
HVC CODE JL 31

Landowner

Name: James City County Stormwater Division

Date: 6/7/10

Mailing Address: 287 McLaw's Circle

Phone: (757) 259-1441

Williamsburg, VA 23185

Fax: (757) 259-5833

Project: Ironbound Road BMP Compensatory Mitigation Plan

Project Street Address: 5700 Warhill Trail, Williamsburg, VA

Total Size of Tract or Lot: 7.6 acres

Total Area to Be Disturbed: 3.08 acres

Description of Land Disturbing Activity:

The land disturbance is associated with the restoration and stabilization of an existing stream channel (approx. 400 lf) along with the creation of a 125 s.f. wetland.

Right of Entry

I, Barry E. Moses, (Signature) hereby grant designated officials of James City County,  
( Barry E. Moses, Senior Stormwater Engineer (Print Name and Title))

Virginia, the right to enter my property for the purpose of inspection or monitoring for compliance with the approved erosion and sediment plan on the above-referenced project.

# Land Disturbing Permit Application

I, Benny L. Pless, (Signature) certify that I fully understand the provisions of the James City County, Virginia, Erosion and Sediment Control Ordinance and agree to carry out the approved erosion and sedimentation control plan on the above-referenced project. I also understand that the approved erosion and sedimentation control plan becomes null and void on 7/19/11 and no further work subject to Chapter 8 of the County code shall be allowed unless and until an additional or updated erosion and sedimentation control plan has been submitted and approved in accordance with Chapter 8 or unless all requirements of the approved control plan have been completed by 7/19/11 in accord with such plan and verified by the on-site inspection by the Administrator or his designee.

The issuance of the land disturbing permit does not authorize the installation of water and/or sewer utilities. Water and sewer utilities are covered under the Certificate to Construct Water and Sewer Facilities which is approved and issued by the James City Service Authority, 757-253-6805.

(For Office Use Only) Reviewed by: Melanne Davis Date: 7/14/10

Permit No.: 11-03 Bond Amount: \$ 37,000

Specific Requirements: Work is subject to the provisions of approved Chesapeake Bay Exception CBE-10-081. Registration for a state USMP permit is required through the Virginia DCR.

Approved by: A. J. Thum  
Date: July 16, 2010

Administrator - Erosion and Sediment Control Ordinance

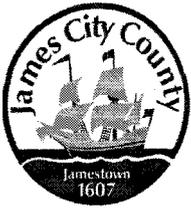
Renewal of E&S Plan Requested By: \_\_\_\_\_

Renewal Reviewed By: \_\_\_\_\_

Renewal Approved By: \_\_\_\_\_

Renewal Date: \_\_\_\_\_

Updated Erosion and Sedimentation Control Plan becomes null and void on: \_\_\_\_\_



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	August 10, 2010	PROJECT NAME:	Warhill Stream Restoration Project		
WEATHER:	Hot/Clear	ADDRESS:	5270 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
					P.O. # 10-3726
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment					
Other					
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box					
Compaction test					
Pipe placement					
Manhole placement					
Inverts					
Joints					
Lift holes					
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests					
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: David Greshamer 8/10/10

Location:	5720 Warhill Trail	Date:	August 10, 2010	P.O.#	10-3726
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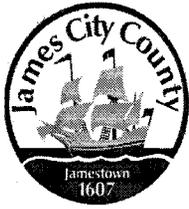
**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

The contractor has returned to repair the erosion issue that occurred with this weekend's rainfall. They have reconfigured the check dams and place EC-2 vs. straw in the eroded area. Dirt was replaced and seed was applied.

The surveyors were out there and questioned me about the cobbled swale that was in place. I explained that it had been agreed to add this as an addendum to the plan to stop the erosion coming from the roadside ditch.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	August 6, 2010	PROJECT NAME:	Warhill Stream Restoration Project		
WEATHER:	Clear/Hot	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	2 hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 Skid Seer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 8/6/10

Location:	5720 Warhill Trail	Date:	August 6, 2010	P.O.#	103726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

The contractor has completed installing the dirt berm alongside the embankment where roadside ditch flows to. He has set up a rock berm in a semi-circular fashion around the rip-rap level spreader for the roadside ditch. All areas have been seeded and straw placed down.

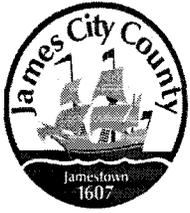
Had a walk through this afternoon with Stormwater engineer and the engineer from Timmons. All areas of concern were discussed and resolved. Check dam system to the adjusted cobble swale were reworked along with additional check dams further downstream. Maintenance issue was discussed. Timmons was going to check into this and clarify it.

Safety fence was being removed. The contractor will leave silt fence in place until clearance from the environmental inspector.

Timmons was asked to contact us at least a week prior to planting schedule this fall.

Stormwater Engineer will contact Grounds/Facilities Supt. and let him know not to mow this area, and the fact that some off the road vehicles are running through the area.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

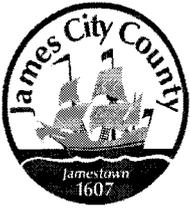
DATE/TIME:	August 5, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Cloudy/Hot	ADDRESS:	5420 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: (Please print)	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/a				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yews				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: *David Greshamer* 8/5/10





# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	August 4, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Raining/Warm	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 8/4/10

Location:	5720 Warhill Trail	Date:	August 4, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

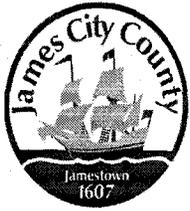
Had site meeting with Stormwater Engineer, Timmons Group Engineer and rep from Angler Environmental. The topic of discussion were the remedy for the run-off from the roadside ditch and the elevation deviation at the outfall.

Roadside ditch - It was originally designed as a level spreader, but has not worked out that way. It was suggested that The area below the end of the ditch and at the top of ditch bank be leveled off and a berm built. Water should be directed away from this area and directed further downstream where the embankment has more of a 3:1 slope and not as steep. Check dams will also be installed to dissipate the water energy and silt fence will be installed until vegetation grows.

The elevation issue will be resolved by stopping the structures at station 14+00 and allowing the stream to settle out into the wetland. This area tends to flood plain out at this point. Another structure will be added at around 14+20 to accommodate a small stream coming from the walking trail. The clay plug was added to the old stream channel and ECS did a compaction test.

Timmons should let Angler know by tomorrow about the Roadside ditch issue. Barry is checking on records to see Exactly how much acreage is actually being drained.

Inspector:	David Greshamer
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# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	August 3, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Cloudy/Warm	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators/3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/a				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 8/3/10

Location:	5720 Warhill Trail	Date:	August 3, 2010	P.O.#	10-3726
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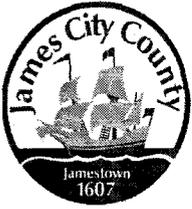
**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

Contractor has worked up to Station 13+85. He is awaiting word from Timmons concerning elevation issue.

Contractor is clearing up area, replacing rip-rap at upstream end of project. Grass shoots area appearing all along the embankment area.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	August 2, 2010	PROJECT NAME:	Warhill Stream Restoration Project		
WEATHER:	Cloudy/Warm	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators/3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 8/2/10

Location:	5720 Warhill Trail	Date:	August 2, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

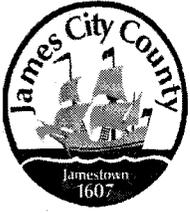
Arrived on site and started checking E&S controls, since there was rain over the weekend. Controls were in place. I detected a two areas that showed a very small amount of sediment that came off the embankment. I advised the Contractor to look into this so that it will not get any worse.

The contractor was placing wooded debris into roll off debris box for disposal.

The contractor advised me about elevation issue at the end of the project. They were going to contact Timmons about This. I let our Stormwater Engineer know about it.

The contractor is now working between Station 13+28 and 13=50.

Inspector:	David Greshamer
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# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 30 <sup>th</sup> 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Clear/Warm	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> P.O. # 10-3726
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: David Greshamer 9/30/10

Location:	5720 Warhill Trail	Date:	July 30, 2010	P.O.#	10-3726
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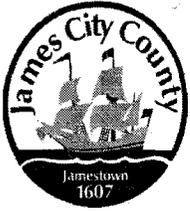
**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

The contractor is loading out topsoil and cut soil from site. They are tying up the area at station 13:00. There was a significant rain even last evening. All E&S controls held up well. The contractor was re-stapling some Silt fencing to stakes that was damaged by spoils and equipment. Vegetation and trees that were grubbed and cut down were being removed and stockpiled at the upper end of the project.

The contractor brought to our attention of the about the existing roadside ditch that drains into the stream. Even though there is rip-rap to dissipate the energy, there could be erosion issue without a defined channel or swale to the stream. I informed the stormwater engineer, who will contact Timmons.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 29, 2010	PROJECT NAME:	Warhill Stream Restoration Project		
WEATHER:	Hot/Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: David Greshamer 7/29/10

Location:	5720 Warhill Trail	Date:	July 29,2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

Contractor is work up to Station 12+85. He is cleaning and grubbing banks and setting the bench. They have completed The rock still at 12+85 has been installed. Seeding, Coir 700 and EC-2 has been installed along the side the embankment. Seed and straw has been placed in denuded areas.

The contractor stated that trucks were suppose to be hauling out excess dirt tomorrow.

Inspector: David Greshamer



# JAMES CITY COUNTY

## STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 28, 2010	PROJECT NAME:	Warhill Stream Restoration Project		
WEATHER:	Warm/Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	2 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 3 skid steers				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 7/28/10

Location:	5720 Warhill Trail	Date:	July 28, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

Contractor is at Station 12+30. Working on embankment. A question came up about grading back the embankment at Station 11+50 requiring a 4:1 slope. In doing so will require taking out several trees. Barry stated we would bring it up At our 10:00 a.m. meeting with Steve Quina from Timmons Group.

Met with Timmons Rep Steve Quina. He stated he would take some pictures and talk it over with Rebecca Napier. He Feels that the slope can stay as it is since it would not really affect the bankfull flow. The rest of the area will be Covered with EC-2 blanket. Otherwise contractor would have to cut 20' into the embankment to get a 4:1 grade.

All areas up to where contractor is at has been seeded and 700 coir and EC-2 applied.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 27 <sup>th</sup> 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Warm/Cloudy	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	2 hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other					
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: *David Greshamer* 7/27/10

Location:	5720 Warhill Trail	Date:	July 27, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

9:30 a.m. The contractor has installed new stockpile next to the CE. E&S is in place around stock pile. This was in temporary stockpile is in agreement with the County and Timmons.

Contractor is working between Station 11+50 and 11+60. Pump around is in place.

1:00 p.m. Contractor now approaching station 12+30. I asked about Geo Tech and compaction. Contractor stated that Geo Tech was out, but because not much fill had taken place, there was not much to test on. He said that the Geo Tech Would send a statement attesting to this issue. I will contact Geo Tech to get the information.

Inspector:



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 26, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Warm/Cloudy	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 hr.	PHOTOS TAKEN:	YES <input type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 2 Skid Steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	N/A				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: David Greshamer 7/26/10

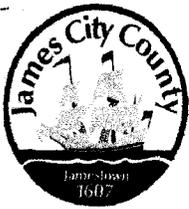
Location:	5720 Warhill Trail	Date:	July 26 <sup>th</sup> , 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

Contractor is working from station 10+60 to station 11+05.  
Cobble has been placed and seed and coir blanket and EC-2 has been placed.  
Pump around has been moved to next section.

Inspector: David Greshamer



# JAMES CITY COUNTY

## STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 23, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Hot/ Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental	CONTRACTOR PHONE:	703-393-4844		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 ½ hr	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 excavators; 2 skid steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	Yes				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before January 5, 2008, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: *David Greshamer* 7/23/10

Location:	5720 Warhill Trail	Date:	July 23 <sup>rd</sup> , 2010	P.O.#	10-3726
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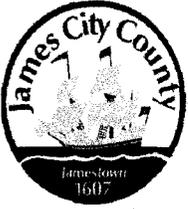
**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

**Comments:**

8:00 a.m. - The contractor has completed the 3<sup>rd</sup> step pool. Pump around has been moved to the first pool. The coir fabric is being installed.

1:00 p.m. - The contractor has completed the area up to station 10+5. Cobble has been put down along with seed and Matting. Construction signage is being installed on stite.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 22, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Warm/Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	2 hrs	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
					P.O. # 10-3726
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Jumping Jack Compactor				
Other	2 Excavators; 2 skid steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	Yes				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: Paul Greshamer 7/22/10

Location:	5720 Warhill Trail	Date:	07/21/2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

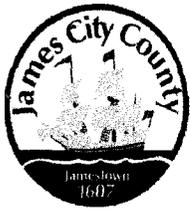
Comments:

8:30 a.m. - Contractor has placed sediment bag on the end of the pump around hose.

Walked around perimeter of the job site. Contractor was working on pool #2

12:30 p.m. Contractor was working on last pool and weir at station 9+85. They have completed pools and weirs at Station 9+95 and station 10+05. They were compacting around the weir at that time. Underlayment fabric was installed Under the rock and cobble was being added. 700 coir fabric was being installed.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 21, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Warm/Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:	703-393-4844	
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	90 min	PHOTOS TAKEN:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> P.O. # 10-3726
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment					
Other	2 excavators; 2 skid steer				
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	Yes				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Yes				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before \_\_\_\_\_, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_

Inspector signature: David Greshamer 7/21/10

Location:	5720 Warhill Trail	Date:	July 21, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

**Comments:**

Contractor has installed pump around system. At the outfall of the hose he has place filter cloth and cobble stone. This is not in accordance with specs. Superintendent has been informed to place a sediment bag at the end of the hose.

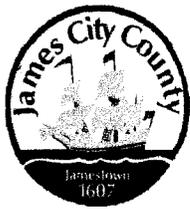
E&S controls are in place around stockpile area.

2<sup>nd</sup> excavator did not arrive until noon. Contractor was not able to start first pool until excavator with thumb arrived.

Water valves have been staked and flagged.

Installed JCSW Mailbox at Contractors trailer.

Inspector: David Greshamer



# JAMES CITY COUNTY STORMWATER DIVISION INSPECTION REPORT

287 Mclaws Circle, Suite 1 Williamsburg, VA 23185 (757)259-1460

DATE/TIME:	July 20, 2010	PROJECT NAME:	Warhill Stream Restoration		
WEATHER:	Hot/Clear	ADDRESS:	5720 Warhill Trail		
CONTRACTOR:	Angler Environmental		CONTRACTOR PHONE:		
INSPECTOR: <small>(Please print)</small>	David Greshamer	TIME ON SITE:	1 hr	PHOTOS TAKEN:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
PROJECT DESC.	Cleaning <input type="checkbox"/> TV Inspection <input type="checkbox"/> Repair <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/>				
MATERIALS (amount, type & condition) are on site in accordance with plan requirements					
Item	Corrective Action				
Pipe					
Bedding					
Backfill					
Other					
Manholes					
EQUIPMENT (is present and appropriate to ensure compliance with plan requirements)					
Compaction Equipment	Excavator; Steer Skidder				
Other					
INSTALLATION PROCESS (methods are consistent with plan requirements)					
Excavation with trench box	N/A				
Compaction test	Yes				
Pipe placement	N/A				
Manhole placement	N/A				
Inverts	N/A				
Joints	N/A				
Lift holes	N/A				
Other	Stream Restoration				
BACKFILL & SITE STABILIZATION (materials and procedures are adequate to meet plan requirements)					
Material placement	Yes				
Compaction tests	Yes				
SITE RESTORATION (is in accordance with plan requirements)					
Re-vegetation in accordance with plan	Will be				

**Notice is hereby given that the deficiencies listed above shall be corrected in accordance with James City County Subdivision and/or Site Plan Requirements on or before January 5, 2008, when the site will be reinspected. Failure to comply will result in further enforcement.**

Received by: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 Inspector signature: Paul K. [Signature] 7/20/10

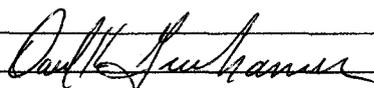
Location:	5720 Warhill Trail	Date:	July 20, 2010	P.O.#	10-3726
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**DAILY CONSTRUCTION INSPECTOR REPORT (Continued)**

Comments:

Arrived a job site. Contractor was clearing access area for the first step pool. Limits of clearing have been flagged along with stake out of new stream alignment. Safety fence (approx. 170') has been installed at the upstream outlet and along the portion of the trail until veering away from construction area. I have spoken with contractor about placement of SWPP binder. I requested that he place it in his trailer and that it be available at all times. I told him that I would place a mail box at the site, once I received copies of all the permits. Storage and staging area has been addressed and contractor is now stockpiling rock. Ms. Utility issue concerning JCSA's location of sewer and water has been addressed. Parks and Recreation has been notified and they see no problems at this point and time.

Inspector:



**David Greshamer**

**From:** tickets@missutilityofvirginia.com  
**Sent:** Tuesday, November 16, 2010 2:48 PM  
**To:** David Greshamer  
**Subject:** VUPS EMLCFM.2010/11/16 #02404 A031601138-00A NORM RESP LREQ

EMLCFM 02404 VUPSa 11/16/10 14:48:01 A031601138-00A RESPONSE

Thank you for calling "Miss Utility of Virginia"! This is an automatically generated response from the utilities who received your notice of excavation. If you have questions about the response, call the "field contact" for that utility. For your safety, please respect and protect the marks, excavate carefully around the marked utility lines and call the Miss Utility center if you see clear evidence of unmarked utilities.

**811 - Remember, you can now reach Miss Utility by dialing our 3 digit toll free number - 811.**

Ticket : A031601138 Rev: 00A Taken: 11/12/10 11:21 AM

State: VA Cnty: JAMES CITY Place:  
Subdivision: WARHILL SPORTS COMPLEX  
Address : OPPORTUNITY WAY  
Responses due by: 11/17/10 07:00 AM Expires: 12/08/10 07:00 AM

[Click here to view any available utility site location information](#)

Marking Code	Description	Response
COX	COX COMMUNICATIONS (COX509) No Conflict; utility is outside of stated work area. Field Contact: CONSOLIDATED (866)808-0099 In the event of damage to a facility call: (877)627-5647	11/16/10 02:47 PM 30
DOM	DOMINION VIRGINIA POWER (DOM020) Marked; abandoned utility lines may be in area Field Contact: CONSOLIDATED (866)808-0099 In the event of damage to a facility call: (888)667-3000	11/16/10 02:47 PM 11
JCS	JAMES CITY-WATER & SEWER (JCS129) Marked up to privately owned utility; contact private utility owner for locate Field Contact: ROBERT CARSWELL (757)592-1799 In the event of damage to a facility call: (757)229-7421	11/12/10 01:27 PM 12
NPN	NEWPORT NEWS CITY - WATER (NNWW76) No Conflict; utility is outside of stated work area. Field Contact: THERESA BARKA (757)234-4892 In the event of damage to a facility call: (757)234-4800	11/15/10 07:35 AM 30
VNG	VIRGINIA NATURAL GAS (VNG11D) No Conflict; utility is outside of stated work area. Field Contact: ONEVISION UTILITY SERVICE (866)543-5645 In the event of damage to a facility call: (877)572-3342	11/12/10 12:15 PM 30
VNG	VIRGINIA NATURAL GAS (VNG11H) No Conflict; utility is outside of stated work area. Field Contact: ONEVISION UTILITY SERVICE (866)543-5645 In the event of damage to a facility call: (877)572-3342	11/12/10 12:13 PM 30
VNG	VIRGINIA NATURAL GAS (VNG11T) No Conflict; utility is outside of stated work area.	11/12/10 12:13 PM 30

VZN

Field Contact: ONEVISION UTILITY SERVICE (866)543-5645  
In the event of damage to a facility call: (877)572-3342  
VERIZON (VZN432) 11/12/10 01:48 PM 30  
No Conflict; utility is outside of stated work area.  
Field Contact: DEAN RASMUSSEN (434)942-8192  
In the event of damage to a facility call: (877)562-2253

## David Greshamer

**From:** tickets@missutilityofvirginia.com  
**Sent:** Monday, November 15, 2010 2:49 PM  
**To:** David Greshamer  
**Subject:** VUPS EMLCFM 2010/11/15 #02500 A031401317-00A NORM RESP LREQ

EMLCFM 02500 VUPSa 11/15/10 14:49:07 A031401317-00A RESPONSE

Thank you for calling "Miss Utility of Virginia"! This is an automatically generated response from the utilities who received your notice of excavation. If you have questions about the response, call the "field contact" for that utility. For your safety, please respect and protect the marks, excavate carefully around the marked utility lines and call the Miss Utility center if you see clear evidence of unmarked utilities.

**811 - Remember, you can now reach Miss Utility by dialing our 3 digit toll free number - 811.**

Ticket : A031401317 Rev: 00A Taken: 11/10/10 02:10 PM

State: VA Cnty: JAMES CITY Place:  
Subdivision: WARHILL SPORTS COMPLEX  
Address : OPPORTUNITY WAY  
Responses due by: 11/16/10 07:00 AM Expires:

[Click here to view any available utility site location information](#)

Marking Code	Description	Response
COX ✓	COX COMMUNICATIONS (COX509) Agree to meeting as proposed by excavator Field Contact: CONSOLIDATED (866)808-0099	11/15/10 02:47 PM 40
DOM ✓	In the event of damage to a facility call: (877)627-5647 DOMINION VIRGINIA POWER (DOM020) Agree to meeting as proposed by excavator Field Contact: CONSOLIDATED (866)808-0099	11/15/10 02:47 PM 40
JCS ✓	In the event of damage to a facility call: (888)667-3000 JAMES CITY-WATER & SEWER (JCS129) Locator and excavator agreed and documented marking schedule. Excavator contacted: Greham Field Contact: ROBERT CARSWELL (757)592-1799	11/12/10 10:12 AM 60
NPN ✓	In the event of damage to a facility call: (757)229-7421 NEWPORT NEWS CITY - WATER (NNWW76) No Conflict; utility is outside of stated work area. Field Contact: THERESA BARKA (757)234-4892	11/12/10 09:10 AM 30
VNG ✓	In the event of damage to a facility call: (757)234-4800 VIRGINIA NATURAL GAS (VNG11D) Mutually agreed to alternative meeting time and location Field Contact: ONEVISION UTILITY SERVICE (866)543-5645	11/10/10 03:09 PM 42
VNG ✓	In the event of damage to a facility call: (877)572-3342 VIRGINIA NATURAL GAS (VNG11H) Mutually agreed to alternative meeting time and location Field Contact: ONEVISION UTILITY SERVICE (866)543-5645	11/10/10 03:12 PM 42
VZN ✓	In the event of damage to a facility call: (877)572-3342 VERIZON (VZN432) No Conflict; utility is outside of stated work area.	11/12/10 09:55 AM 30

Field Contact: DEAN RASMUSSEN (434)942-8192

In the event of damage to a facility call: (877)562-2253

# James City County

Working in Partnership with all Citizens to achieve a  
Quality Community.

## Contact Information:

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James City Government  
Center  
101 Mounts Bay Rd.  
Williamsburg, VA 23185  
Directions - Directory

## BOARD OF SUPERVISORS AGENDA GOVERNMENT CENTER BOARD ROOM

OCTOBER 27, 2009 - 7:00 P.M.

## Hours of Operation

8 a.m. - 5 p.m.  
Monday-Friday  
Hours of Operation may vary  
in some areas!

## Email:

County Administration  
@jamescitycountyva.gov

## Agendas

- \* **Current Year Agendas**  
All County Boards
- \* **Adopted Minutes & Adopted Resolutions**
- \* **Agenda Archives**

- \* County News
- \* ePayment
- \* Property Information
- \* Board of Supervisors
- \* Boards and Commissions
- \* Public Safety
- \* Tax Information
- \* Forms & Services
- \* Construction Projects
- \* Voter Information

- A. Roll Call**
- B. Moment of Silence**
- C. Pledge of Allegiance** - Emily Boyle, a third-grade student at D.J. Montague Elementary School
- D. Highway Matters**
- E. Public Comment**
- F. Consent Calendar**

1. Minutes - October 13, 2009, Regular Meeting (**Adopted 5-0 as amended**)
2. Resolution of Recognition - James City County Citizen Involvement (Memorandum) (Resolution) (**Adopted 5-0**)
3. Grant Award - Kiwanis Club of Williamsburg - \$250 (Memorandum) (Resolution) (**Adopted 5-0**)

*Supports County's Strategic Pathway 1.d - develop and promote revenue alternatives to property taxes*

4. Grant Award - Criminal Justice Systems Improvement - \$37,700 (Memorandum) (Resolution) (**Adopted 5-0**)

*Supports County's Strategic Pathway 1.d - develop and promote revenue alternatives to property taxes*

5. Authorization to Expend Funds for the Ironbound Road Widening Project - \$197,000 (Memorandum) (Resolution) (Map) (**Adopted 5-0**)

*Supports County's Strategic Pathway 2.f - enhance community appearance*

6. Airport Site Selection Study (Memorandum) (Resolution) (Map) (Map - Sewer) (Map - Wetlands) (Map - Water) (**Adopted 5-0**)

7. County/State Project Administration Agreement, American Recovery and Reinvestment Act, Overlay/Resurfacing Various Routes Countywide (UPC No. 95044) (Memorandum) (Resolution) (**Adopted 5-0**)

## G. Public Hearings

1. Case No. SUP-0020-2009. Vossel and Gross Family Subdivision Amendment (Map) (Memorandum) (Resolution) (**Adopted 5-0**)
2. Case No. SUP-0018-2009. Robinson Family Subdivision (Map) (Attachment) (Memorandum) (Resolution) (**Adopted 5-0**)
3. Case No. S-0012-200. Chanco's Grant Vacation of Recreation Area Designation (Map) (Memorandum) (Resolution) (**Denied 5-0**)
4. Authorization of Conveyance of Matoaka Elementary School Property to Williamsburg-James City County Public Schools (Map) (Memorandum) (Resolution) (**Adopted 5-0**)
5. Restrictive Covenants - Warhill Stream Restoration - Parcel No. 3210100012 (in part) (Map) (Attachment) (Memorandum) (Resolution) (**Adopted 5-0**)

*Supports County's Strategic Pathway 4.f - manage stormwater effectively and protect groundwater*

6. Ordinance to amend JCC Code, Chapter 20, Taxation, by adding Section 20-7.6, Probate and Administration Tax (Memorandum) (Ordinance) (**Deferred pending FY 2011 Budget guidance**)

## H. Board Consideration

1. Planning Commission Job Description (Attachment 1) (Attachment 2) (Memorandum) (Resolution) (**Deferred indefinitely**)

## I. Public Comment

## J. Reports of the County Administrator

## K. Board Requests and Directives

## L. Recess to 4 p.m. on November 10, 2009

All agendas are posted on this web site and JCCTV48 Cox Cable the **Friday before each meeting.**

**Board meetings are broadcast live on JCC TV48 Cox Cable and online at jccEgov.com.** Meetings and Work Sessions are rebroadcast on Community Channel 46 every Thursday at 8 a.m., 2 p.m. and 8 p.m.

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**David Greshamer**

**From:** tickets@missutilityofvirginia.com  
**Sent:** Friday, November 12, 2010 12:00 PM  
**To:** David Greshamer  
**Subject:** VUPS EMLCFM 2010/11/12 #01472 A031601138-00A NORM NEW LREQ

EMLCFM 01472 VUPSa 11/12/10 11:59:33 A031601138-00A NORMAL

**Ticket No:** A031601138-00A NEW GRID NORM LREQ  
**Transmit** Date: 11/12/10 Time: 11:59 AM Op: 1CAS  
**Call** Date: 11/12/10 Time: 11:21 AM  
**Due By** Date: 11/17/10 Time: 07:00 AM  
**Update By** Date: 12/03/10 Time: 11:59 PM  
**Expires** Date: 12/08/10 Time: 07:00 AM  
**Old Tkt No:** A031601138  
**Original Call** Date: 11/12/10 Time: 11:21 AM Op: 1CAS

**City/Co:** JAMES CITY Place: State: VA  
**Subdivision:** WARHILL SPORTS COMPLEX  
**Address:** Street: OPPORTUNITY WAY  
**Cross 1:** CENTERVILLE RD

**Type of Work:** PLANT TREES OR SHRUBS  
**Work Done For:** SAME

**Excavation area:** WORKING IN THE OPEN FIELD ONLY HALF ACRE OF FIELD WHICH IS BEHIND SANDFORD WANER FOOTBALL STADIUM IN WARHILL SPORTS COMPLEX  
**DIRECTIONS TO SITE:**

FROM CENTERVILLE RD TAKE OPPORTUNITY WAY, PASS WARHILL HIGH SCHOOL. FOOTBALL STADIUM ON LEFT SIDE APPROXIMATELY 1/2 MI FROM INTERSECTION WITH CENTERVILLE RD.  
REF MEET TICKET A031401317-00A

**Instructions:** CALLER MAP REF: NONE

**Whitelined:** N **Blasting:** N **Boring:** N

**Company:** JAMES CITY COUNTY STORM WATER Type: UTIL  
**Co. Address:** 5320 PALMER LN SUITE 2A First Time: N  
**City:** WILLIAMSBURG State: VA Zip: 23188  
**Company Phone:** 757-259-1444  
**Contact Name:** DAVID GRESHAMER Contact Phone: 757-259-1444  
**Email:** dgreshamer@james-city.va.us  
**Field Contact:** DAVID GRESHAMER  
**Fld. Contact Phone:** 757-272-6559

**Mapbook:** 72K7  
**Grids:** 3719A7645A 3719A7645B 3719A7645C 3719B7645A  
3719B7645B 3719B7645C 3719A7646D 3719B7646D  
3720D7645B 3720D7645C

**Members:**  
COX509 = COX COMMUNICATIONS (COX) DOM020 = DOMINION VIRGINIA POWER (DOM)  
JCS129 = JAMES CITY SERVICE AUTHORITY (JCS) NNWW76 = NEWPORT NEWS WATERWORKS (NPN)  
VNG11D = VIRGINIA NATURAL GAS (VNG) VNG11H = VIRGINIA NATURAL GAS (VNG)  
VNG11T = VIRGINIA NATURAL GAS (VNG) VZN432 = VERIZON (VZN)

**Seq No:** 1472 A

\*\*\*\*\*IMPORTANT NOTICE\*\*\*\*\*

The Member Utility Operators who will be notified are listed above. These companies OR the contracted locators hired by them, will mark the location of the underground lines that they own. Privately owned utility lines will not be marked.

The DUE BY date and time above indicates when the utility operators should finish marking their lines.

DO NOT EXCAVATE - Until you confirm that all utilities have either marked their lines or have no utility lines in the area of your excavation. You will receive another email, the Positive Response Confirmation message, when all utilities have responded OR the Due By date and time has passed (for Normal, Update, Remark, Meeting and Designer tickets). If you do not receive the email, call 800-552-3120 and follow the prompts to obtain the response information.

LOOK FOR UNMARKED UTILITY LINES - when you arrive at the excavation site. If you see clear evidence of unmarked utilities, stop excavation and call 811 to request a 3HR NOTICE.

DO NOT USE MECHANIZED EQUIPMENT WITHIN 2 FEET of utility line markings. If you need to excavate near a marked utility line, carefully expose the utility line by hand digging and keep mechanized equipment at least 2 feet away from the line at all times.

If the utility line markings are destroyed by weather or construction activity, call 811 to request a REMARK ticket.

If your excavation work will continue beyond the EXPIRES date and time on the ticket, call 811 for an UPDATE ticket on the UPDATE BY date and time shown on the ticket OR on the work day before that date.

If your excavation is an Emergency, the markings are no longer valid once the emergency condition ceases to exist OR at 7:00 AM on the 16th working day after your call, whichever occurs first.

**David Greshamer**

**From:** tickets@missutilityofvirginia.com  
**Sent:** Wednesday, November 10, 2010 2:20 PM  
**To:** David Greshamer  
**Subject:** VUPS EMLCFM 2010/11/10 #01881 A031401317-00A NORM NEW LREQ

EMLCFM 01881 VUPSa 11/10/10 14:20:26 A031401317-00A MEETING

Ticket No: A031401317-00A NEW GRID NORM LREQ MEET  
Transmit Date: 11/10/10 Time: 02:20 PM Op: 1ALW  
Call Date: 11/10/10 Time: 02:10 PM  
Due By Date: 11/16/10 Time: 07:00 AM  
Update By Date: Time:  
Expires Date: Time:  
Meet Date: 11/12/10 Time: 10:00 AM  
Old Tkt No: A031401317  
Original Call Date: 11/10/10 Time: 02:10 PM Op: 1ALW

City/Co: JAMES CITY Place: State: VA  
Subdivision: WARHILL SPORTS COMPLEX  
Address: Street: OPPORTUNITY WAY  
Cross 1: CENTERVILLE RD

Type of Work: PLANT TREES OR SHRUBS  
Work Done For: SAME  
Excavation area: PROPOSED EXCAVATION AREA: OPEN FIELD ONLY HALF ACRE OF FIELD WHICH IS BEHIND SANDY WANER FOOTBALL STADIUM IN WARHILL SPORTS COMPLEX  
DIRECTIONS TO SITE: FROM CENTERVILLE RD TAKE OPPORTUNITY WAY, PASS WARHILL HIGH SCHOOL. FOOTBALL STADIUM ON LEFT SIDE APPROXIMATELY 1/2 MI FROM INTERSECTION WITH CENTERVILLE RD  
Instructions: CALLER MAP REF: NONE  
MEETING LOCATION: IN FIELD BEHIND STADIUM

Whitelined: N Blasting: N Boring: N

Company: JAMES CITY COUNTY STORM WATER Type: UTIL  
Co. Address: 5320 PALMER LN SUITE 2A First Time: N  
City: WILLIAMSBURG State: VA Zip: 23188  
Company Phone: 757-259-1444  
Contact Name: DAVID GRESHAMER Contact Phone: 757-259-1444  
Email: dgreshamer@james-city.va.us  
Field Contact: DAVID GRESHAMER  
Fld. Contact Phone: 757-272-6559

Mapbook: 72K7  
Grids: 3720C7645C 3720C7645D 3720D7645C 3720D7645D

Members:  
COX509 = COX COMMUNICATIONS (COX) ✓ DOM020 = DOMINION VIRGINIA POWER (DOM)  
JCS129 = JAMES CITY SERVICE AUTHORITY (JCS) NNWW76 = NEWPORT NEWS WATERWORKS (NPN)  
VNG11D = VIRGINIA NATURAL GAS (VNG) VNG11H = VIRGINIA NATURAL GAS (VNG) ✓  
VZN432 = VERIZON (VZN) ✓

Seq No: 1881 A  
\*\*\*\*\*IMPORTANT NOTICE\*\*\*\*\*

The Member Utility Operators who will be notified are listed above. These

companies OR the contracted locators hired by them, will mark the location of the underground lines that they own. Privately owned utility lines will not be marked.

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If your excavation work will continue beyond the EXPIRES date and time on the ticket, call 811 for an UPDATE ticket on the UPDATE BY date and time shown on the ticket OR on the work day before that date.

If your excavation is an Emergency, the markings are no longer valid once the emergency condition ceases to exist OR at 7:00 AM on the 16th working day after your call, whichever occurs first.

## David Greshamer

---

**From:** Barry Moses  
**Sent:** Monday, November 01, 2010 10:30 AM  
**To:** David Greshamer; 'Rebecca Napier'; 'Stephen Quina'  
**Cc:** Frances Geissler  
**Subject:** FW: Status of Ironbound Compensatory Mitigation Planting and Repairs

FYI.

---

**From:** Reid Cook [mailto:rcook@anglarenvironmental.com]  
**Sent:** Monday, November 01, 2010 10:19 AM  
**To:** Barry Moses  
**Subject:** RE: Status of Ironbound Compensatory Mitigation Planting and Repairs

Barry,

The tentative date for plant installation will be week of 22<sup>nd</sup> or 29<sup>th</sup>; I am working now to finalize the date and will get back with you this week. We can coordinate the extra plants with the contractor at the time of installation. We will also fix the other items discussed for the stream in the upcoming weeks. I simply need to coordinate a crew to come down, probably the same time as the plant installation. If you have any questions please let me know. Reid

---

**From:** Barry Moses [mailto:BMoses@james-city.va.us]  
**Sent:** Wednesday, October 27, 2010 8:35 AM  
**To:** Reid Cook  
**Subject:** RE: Status of Ironbound Compensatory Mitigation Planting and Repairs

Reid,

Still waiting on word on the planting. I would also like to discuss the 'extra' plants after the limited clearing. Do you have a landscaping coordinator that would be helpful with this?

Sincerely,

Barry E. Moses, P.E.  
Senior Stormwater Engineer



General Services Department  
5320 Palmer Lane, Suite 2A  
Williamsburg, VA 23188  
P: 757-259-1441  
F: 757-259-5833  
jccEgov.com

---

**From:** Reid Cook [mailto:rcook@anglarenvironmental.com]  
**Sent:** Monday, October 18, 2010 4:53 PM

**To:** Barry Moses

**cc:** David Greshamer; 'Rebecca Napier'

**Subject:** RE: Status of Ironbound Compensatory Mitigation Planting and Repairs

I will check on the status of the planting and get back with you. The plan will be to deal with other issues at the same time. If you have any questions in the mean time please let me know. Thanks, Reid

---

**From:** Barry Moses [mailto:BMoses@james-city.va.us]

**Sent:** Monday, October 18, 2010 4:47 PM

**To:** Reid Cook

**Cc:** David Greshamer; 'Rebecca Napier'

**Subject:** Status of Ironbound Compensatory Mitigation Planting and Repairs

Reid,

Do you have a likely date for the plant installation, yet? As I recall, you proposed late October/Early November the last time we discussed this. Also, at some point in the near future, I would like to discuss:

1. The condition of the project after the Nicole event and any associated repairs and
2. The plant location, type of plant, etc. for the plants we discussed shifting from the project area to the cleared area to the west of the project.

Thanks,

Barry E. Moses, P.E.

Senior Stormwater Engineer



General Services Department

5320 Palmer Lane, Suite 2A

Williamsburg, VA 23188

P: 757-259-1441

F: 757-259-5833

jccEgov.com

**David Greshamer**

---

**From:** Barry Moses  
**Sent:** Thursday, June 24, 2010 3:40 PM  
**To:** David Greshamer; Wayland Bass  
**Subject:** Dominion Utility Locator Warhill Stream Restoration

I spoke with Donny Tate, the local manager and Bernie, the local locator for the locating contractor used by Miss Utility. Bernie services the school site and was the previous locator. He expressed some difficulty in attaching his device to the transmission line at the substation along the main easement corridor. This makes me suspicious that perhaps something was missed. However, as marked and shown in the plans Bernie Farmer gave us, a transmission line does seem to go to the north parallel but west of the stream.

According to Bernie, Bernie and/or Donnie will be onsite tomorrow at 1:30 to meet with us. As I mentioned to Dave, I have a last day of Camp Invention show to go to for my kids tomorrow afternoon. Dave agreed to meet with the locators in my place and I plan to orient him tomorrow morning on the plans Bernie provided to us. Wayland, your presence would be welcome and appreciated also since you spoke with Bernie Farmer first hand.

I listed Dave's number and email on the new ticket (transferred from the old ticket which expires at 7 a.m. tomorrow) B017501321.

Thanks for your assistance,

**Barry E. Moses, P.E.**  
*James City County  
Environmental Division*

**David Greshamer**

**From:** tickets@missutilityofvirginia.com  
**Sent:** Thursday, June 24, 2010 3:34 PM  
**To:** David Greshamer  
**Subject:** VUPS EMLCFM 2010/06/24 #02322 B017501321-00B NORM NEW LREQ

EMLCFM 02322 VUPSb 06/24/10 15:34:05 B017501321-00B NORMAL

**Ticket No:** B017501321-00B NEW GRID NORM LREQ  
**Transmit** Date: 06/24/10 Time: 03:34 PM Op: 1MHS  
**Call** Date: 06/24/10 Time: 03:28 PM  
**Due By** Date: 06/29/10 Time: 07:00 AM  
**Update By** Date: 07/14/10 Time: 11:59 PM  
**Expires** Date: 07/19/10 Time: 07:00 AM  
**Old Tkt No:** B017501321  
**Original Call** Date: 06/24/10 Time: 03:28 PM Op: 1MHS

**City/Co:**JAMES CITY **Place:** **State:**VA  
**Subdivision:** WARHILL SPORTS COMPLEX/WARHILL HIGH SCHO  
**Address:** 5720 **Street:** WARHILL TRL  
**Cross 1:** LONGHILL RD

**Type of Work:** DITCH CLEANING AND RE-GRADING  
**Work Done For:** SAME  
**Excavation area:**RESTORING STREAM,GRADING, RIP RAP  
STAKES WITH PINK FLAGS  
WITH IN THE DITCH LINE LOCATED FROM THE MOUTH OF THE OUTLET OF  
THE STORMDRAIN PIPE ENDING APPROX 500FT DOWN THE STREAM BEHIND  
THE FOOT BALL STADIUM AT THE WARHILL SPORTS COMPLEX  
**DIRECTIONS:** AT RICHMOND RD/ROUTE 60 TURN ON TO CENTERVILLE RD  
TAKE A LEFT ON OPPORTUNITY WAY DRIVE PAST THE HIGH SCHOOL THERE  
IS UTILITY RIGHT OF WAY TURN RIGHT AFTER THE RIGHT OF WAY ON THE  
PAVED ROAD LEADING TO THE REAR OF THE STADIUM IN REF TO MEET  
TICKET A015201611

**Instructions:** CALLER MAP REF: NONE

**Whitelined:** N **Blasting:** N **Boring:** N

**Company:** JAMES CITY COUNTY STORM WATER DIVISION **Type:** UTIL  
**Co. Address:** 287 MCLAWS CIR SUITE 1 **First Time:** N  
**City:** WILLIAMSBURG **State:**VA **Zip:**23185  
**Company Phone:** 757-259-1460  
**Contact Name:** BERRY MOSES **Contact Phone:**757-259-1460  
**Email:** [dgreshamer@james-city.va.us](mailto:dgreshamer@james-city.va.us)  
**Contact Fax:** 757-259-5833  
**Field Contact:** DAVID GRESHAMER  
**Fld. Contact Phone:**757-259-1444

**Mapbook:** 72J7  
**Grids:** 3719A7645A 3719A7645B 3719A7645C 3719B7645A  
3719B7645B 3719B7645C 3719C7645A 3719C7645B  
3719B7646D 3719C7646D

**Members:**  
COX509 = COX COMMUNICATIONS (COX) DOM020 = DOMINION VIRGINIA POWER (DOM)  
JCS129 = JAMES CITY SERVICE AUTHOR(JCS) NNWW76 = NEWPORT NEWS WATERWORKS (NPN)  
VNG11D = VIRGINIA NATURAL GAS (VNG) VNG11T = VIRGINIA NATURAL GAS (VNG)  
VZN432 = VERIZON (VZN)

Seq No: 2322 B

\*\*\*\*\*IMPORTANT NOTICE\*\*\*\*\*

The Member Utility Operators who will be notified are listed above. These companies OR the contracted locators hired by them, will mark the location of the underground lines that they own. Privately owned utility lines will not be marked.

The DUE BY date and time above indicates when the utility operators should finish marking their lines.

DO NOT EXCAVATE - Until you confirm that all utilities have either marked their lines or have no utility lines in the area of your excavation. You will receive another email, the Positive Response Confirmation message, when all utilities have responded OR the Due By date and time has passed (for Normal, Update, Remark, Meeting and Designer tickets). If you do not receive the email, call 800-552-3120 and follow the prompts to obtain the response information.

LOOK FOR UNMARKED UTILITY LINES - when you arrive at the excavation site. If you see clear evidence of unmarked utilities, stop excavation and call 811 to request a 3HR NOTICE.

DO NOT USE MECHANIZED EQUIPMENT WITHIN 2 FEET of utility line markings. If you need to excavate near a marked utility line, carefully expose the utility line by hand digging and keep mechanized equipment at least 2 feet away from the line at all times.

If the utility line markings are destroyed by weather or construction activity, call 811 to request a REMARK ticket.

If your excavation work will continue beyond the EXPIRES date and time on the ticket, call 811 for an UPDATE ticket on the UPDATE BY date and time shown on the ticket OR on the work day before that date.

If your excavation is an Emergency, the markings are no longer valid once the emergency condition ceases to exist OR at 7:00 AM on the 16th working day after your call, whichever occurs first.

**David Greshamer**

---

**From:** Barry Moses  
**Sent:** Wednesday, July 28, 2010 11:53 AM  
**To:** David Greshamer  
**Subject:** FW: Stephen's Contact Info.  
**Attachments:** Stephen Quina.vcf

---

**From:** Rebecca Napier [mailto:Rebecca.Napier@timmons.com]  
**Sent:** Wednesday, July 28, 2010 10:12 AM  
**To:** Barry Moses  
**Subject:** Stephen's Contact Info.



\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

Rebecca Napier, PE (formerly 'Draucker')  
Environmental Project Manager

**TIMMONS GROUP**  
YOUR VISION ACHIEVED THROUGH OURS.  
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Richmond, VA 23225  
Tel: 804.200.6437  
Mobile: 804.839.2885  
Fax: 804.560.1648  
E-mail: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)  
[www.timmons.com](http://www.timmons.com)



## David Greshamer

---

**From:** Stephen Quina [Stephen.Quina@timmons.com]  
**Sent:** Tuesday, August 10, 2010 4:42 PM  
**To:** Barry Moses; Reid Cook  
**Cc:** David Greshamer; Rebecca Napier  
**Subject:** RE: Ironbound Square Compensatory Mitigation Plan

Barry,

Thank you for the follow up on this matter. I have a return site visit scheduled for Monday (8/16) to record site pictures and confirm the seed is germinating and no further ESC concerns linger. I will follow up with all via email following this visit. I am working on a formal response to ECS (Bob Moss) and minutes from our previous meetings now.

Reid – thank you for promptly redressing these areas and installing the matting. Please copy me on the previously discussed change order and let us know the dates scheduled for planting both the 1 gallon plants and live stakes.

Thanks again,  
Stephen

---

**From:** Reid Cook [mailto:rcook@anglerenvironmental.com]  
**Sent:** Tuesday, August 10, 2010 9:10 AM  
**To:** Barry Moses; Stephen Quina; Rebecca Napier  
**Cc:** David Greshamer  
**Subject:** RE: Ironbound Square Compensatory Mitigation Plan

Barry,

I appreciate you getting me this information. We are onsite this morning fixing the problem by removing the straw and installing matting. The lower check dam will also be lowered to prevent future issues. This should prevent any problems until vegetation can be established. Please let me know if there are other issues in the future. If you have any questions in the mean time please let me know. Thanks, Reid Cook

Reid Cook  
Stream Restoration Manager

### *Celebrating 10 years!*

**Angler Environmental**  
12811 Randolph Ridge Lane  
Manassas, Virginia 20109  
P | 703.393.4844 F | 703.393.2934  
AnglerEnvironmental.com

---

**From:** Barry Moses [BMoses@james-city.va.us]  
**Sent:** Monday, August 09, 2010 11:45 AM  
**To:** 'Stephen Quina'; Rebecca Napier; Reid Cook  
**Cc:** David Greshamer  
**Subject:** Ironbound Square Compensatory Mitigation Plan

I'm attaching a few pictures of some erosion that occurred over the weekend. Some reports show about .5-.6 inches of rain in the area. It must have come down quickly. One thing I stressed was the check dams need to be lower in elevation than the swale. It looks like the rain washed the straw up against the checkdam and the blocked water went around the

checkdam through the swale. It looks like the issue was isolated but, I expect it will progress if we don't deal with this promptly.

I am glad we left the silt fence in re: picture 002.

Sincerely,

Barry E. Moses, P.E.  
Senior Stormwater Engineer  
James City County Stormwater Division

## David Greshamer

---

**From:** Barry Moses  
**Sent:** Monday, August 02, 2010 2:23 PM  
**To:** 'Rebecca Napier'  
**Cc:** David Greshamer  
**Subject:** RE: Warhill Stream

Thanks, Rebecca. To be clear, there were two items in my message, the swale entering the stream and concerns about tying in grades at the lower end of the project.

Looking forward to hearing from you.

Barry E. Moses, P.E.  
Senior Stormwater Engineer  
James City County Stormwater Division

---

**From:** Rebecca Napier [mailto:Rebecca.Napier@timmons.com]  
**Sent:** Monday, August 02, 2010 2:14 PM  
**To:** Barry Moses  
**Subject:** Warhill Stream

Barry, we have coordinated with Reid and we are looking into a solution this afternoon. We will get back with all of you as soon as we have suggestions.

\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

Rebecca Napier, PE (formerly 'Draucker')  
Environmental Project Manager

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Fax: 804.560.1648

E-mail: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)

[www.timmons.com](http://www.timmons.com)



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Software for Mobile Wetland Data Collection

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\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

Rebecca Napier, PE (formerly 'Draucker')  
Environmental Project Manager

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[www.timmons.com](http://www.timmons.com)



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## David Greshamer

---

**From:** Rebecca Napier [Rebecca.Napier@timmons.com]  
**Sent:** Monday, August 02, 2010 2:30 PM  
**To:** Barry Moses  
**Cc:** David Greshamer  
**Subject:** RE: Warhill Stream

I've got it.

\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

Rebecca Napier, PE (formerly 'Draucker')  
Environmental Project Manager

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Software for Mobile Wetland Data Collection

---

**From:** Barry Moses [mailto:BMoses@james-city.va.us]  
**Sent:** Monday, August 02, 2010 2:23 PM  
**To:** Rebecca Napier  
**Cc:** David Greshamer  
**Subject:** RE: Warhill Stream

Thanks, Rebecca. To be clear, there were two items in my message, the swale entering the stream and concerns about tying in grades at the lower end of the project.

Looking forward to hearing from you.

Barry E. Moses, P.E.  
Senior Stormwater Engineer  
James City County Stormwater Division

---

**From:** Rebecca Napier [mailto:Rebecca.Napier@timmons.com]  
**Sent:** Monday, August 02, 2010 2:14 PM  
**To:** Barry Moses  
**Subject:** Warhill Stream

**Purchasing**

101-F Mounts Bay Road  
Suite 300  
Williamsburg, VA 23185  
P: 757-253-6646  
F: 757-253-6753



jccEgov.com

June 2, 2010

Donald Seaborn  
HGS, LLC dba Angler Environmental  
12811 Randolph Ridge Lane  
Manassas, VA 20109

RE: Contract Number 10-3726  
Ironbound Road BMP Compensatory Mitigation Plan

Dear Mr. Seaborn:

I am forwarding the Notice of Award and a copy of the above referenced contract for your review and signature. Please sign the contract and return two (2) signed originals of each documents and return them to me along with the following:

- a. Original Certificate of Insurance. Certificate should cover the period of the contract and provide coverage in the amounts outlined in the Bid Document in Section 103 of the Bid Document. Please include the following in the Description of Operations/Location section of the certificate: **"10-3726 Ironbound Road BMP Compensatory Mitigation Plan. James City County additional insured per ISO 2010 under the Commercial Liability on a primary basis."**
- b. **Forward the Performance; Payment and E&S Sediment Control Bonds requested in the Notice of Award. Please call Ms. Melanie Davis , Environmental Division (757)253-6866 to obtain a copy of the E&S Surety Form.**

Please fax a copy of the Certificate of Insurance (757-253-6753) (Attn: Ms. Kitty Hall) and mail the original certificate with the contracts to the Purchasing Office at the address in the letterhead. Please share the insurance requirements with your insurance company as soon as possible.

A copy of the executed contract shall be returned for your files. You may contact me at (757)253-6648/253-6646 if you have any questions regarding this contract. My E-Mail address is [dbreland@james-city.va.us](mailto:dbreland@james-city.va.us).

Thanks for your interest in providing service to James City County.  
Sincerely,

/s/  
Don Breland, VCO  
Senior Buyer

Attachments  
Cc: W. Bass; B. Moses; F. Geissler; K. Hall; File  
D:10-3726IFB CONTRLTR 1

## David Greshamer

---

**From:** Barry Moses  
**Sent:** Wednesday, July 28, 2010 11:53 AM  
**To:** David Greshamer  
**Subject:** FW: Stephen's Contact Info.  
**Attachments:** Stephen Quina.vcf

---

**From:** Rebecca Napier [mailto:Rebecca.Napier@timmons.com]  
**Sent:** Wednesday, July 28, 2010 10:12 AM  
**To:** Barry Moses  
**Subject:** Stephen's Contact Info.

**Stephen Quina**

Timmons Group

(804) 200-6399 Work  
(804) 385-9964 Mobile  
Stephen.Quina@timmons.com

\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

**Rebecca Napier, PE (formerly 'Draucker')**  
**Environmental Project Manager**

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**[www.timmons.com](http://www.timmons.com)**



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## Barry Moses

---

**From:** Barry Moses  
**Sent:** Thursday, July 22, 2010 12:15 PM  
**To:** 'RMoss'; stephen.quina@timmons.com; 'rebecca.napier@timmons.com'; David Greshamer; 'rcook@anglerenvironmental.com'; Spotswood Johnson; Amy Parker  
**Subject:** Pre-Construction Follow-up - Ironbound Square Compensatory Mitigation Plan

I haven't heard back on some of the questions raised at the pre-construction meeting Monday. Therefore, I wanted to send out a list of topics so that we don't lose sight of these items. This type of list is something we will review and adapt at our weekly meetings.

The following is the list of topics that David Greshamer and I came up with. I've organized them by the party responsible for that item:

### Timmons –

1. Reid Cook requests to use 24" rock for Rock Sills and Weirs in the expectation that this size rock material can be placed and articulated better in the relatively small stream cross-section. Note: Sheet 3 includes specification for 24" intermediate diameter rock which conflicts with the Project Narrative on Sheet 2 which states 30-36" rock will be used.
2. Reid Cook requested to supplement the riparian seed mix with millet as a nurse crop. Note: the VESCH suggests 50 lb/acre of German Millet for May 1<sup>st</sup> through August seeding and the specification on Sheet 7 states Foxtail Millet without an application rate.
3. Reid Cook requested a planting window beginning late September/early October for the 1 gal. Riparian Forest, 1 gal. Streamside Shrubs and Streamside Live Stakes. Note: Live Stake specification Page A-5 of Appendix A bid documents item 5.4 states, "Live stakes must be installed after leaf drop in the fall and before bud break in the spring."
4. Several attendees noted that the Clay Plug specification is not apparent in the plans or, specifications. Timmons to verify the omission and provide specification, if necessary.

### Angler –

5. Barry Moses requested that orange safety fencing be installed from above the culvert outlet to a point along the Warhill walking trail where the trail veers from the construction (~150 ft)
6. Reid Cook and Benjamin Rodriguez agreed to coordinate with Bob Moss of ECS concerning soils testing and observation.
7. David Greshamer requested Construction Entrance sign at the intersection with the stadium driveway.

### James City County –

8. David Greshamer stated that he will provide mailbox for permit information.
9. Barry Moses will provide HRPDC progress payment and final completion forms to Angler.

*Reply from ESS com. Compensation  
asked Steve about final copy of Supp*

List of Attendees:

Angler Environmental – Reid Cook and Benjamin Rodriguez

Timmons Group – Rebecca Napier and Stephen Quina

James City County Stormwater – Barry Moses, David Greshamer and Spotswood Johnson

James City County Environmental – Amy Parker

ECS – Bob Moss

Thanks,

Barry E. Moses, P.E.

Senior Stormwater Engineer

James City County Stormwater Division

## David Greshamer

---

**From:** Stephen Quina [Stephen.Quina@timmons.com]  
**Sent:** Monday, July 26, 2010 12:41 PM  
**To:** Barry Moses; David Greshamer; Amy Parker; Spotswood Johnson; Reid Cook  
**Cc:** Rebecca Napier; rmoss@ecslimited.com  
**Subject:** Ironbound Road BMP Compensatory Mitigation  
**Attachments:** ' 111.jpg; ' 112.jpg; TempStockpilePlan\_26Jul10.pdf

**Importance:** High

Project Stakeholders,

This email is to serve as a response/update to the comments generated at the 7/19 Pre-Construction Meeting that Barry summarized via email on 7/22. This email also includes the meeting minutes from our 7/23 Progress Meeting that was conducted onsite. The construction project is currently scheduled for approximately 4 weeks, with Progress Meetings conducted onsite weekly, Wednesday mornings at 10 AM.

### Pre-Construction Meeting:

Response to each comment are provided in red italics.

### **Timmons Group –**

1. Reid Cook requests to use 24" rock for Rock Sills and Weirs in the expectation that this size rock material can be placed and articulated better in the relatively small stream cross-section. Note: Sheet 3 includes specification for 24" intermediate diameter rock which conflicts with the Project Narrative on Sheet 2 which states 30-36" rock will be used.

*The 24" intermediate diameter rocks are acceptable, as the 30-36" spec is a typo on Sheet 2 of the construction drawings.*

2. Reid Cook requested to supplement the riparian seed mix with millet as a nurse crop. Note: the VESCH suggests 50 lb/acre of German Millet for May 1<sup>st</sup> through August seeding and the specification on Sheet 7 states Foxtail Millet without an application rate.

*The VESCH (Std & Spec 3.32) specifies 20 lbs/acre of the Foxtail Millet when used as a supplemental nurse crop, which is applicable on this project. The Foxtail will germinate in 10 days or less, will not compete with the native wetland grasses and has low moisture requirements. It will work well for this application.*

3. Reid Cook requested a planting window beginning late September/early October for the 1 gal. Riparian Forest, 1 gal. Streamside Shrubs and Streamside Live Stakes. Note: Live Stake specification Page A-5 of Appendix A bid documents item 5.4 states, "Live stakes must be installed after leaf drop in the fall and before bud break in the spring."

*Reid's logic for the planting of the gallon container plants is sound and Timmons Group is in agreement with his requested planting window.*

4. Several attendees noted that the Clay Plug specification is not apparent in the plans or, specifications. Timmons to verify the omission and provide specification, if necessary.

*The County spec for the clay plug was in Appendix A of the draft bid documents but appears to have been omitted from the final bid documents. A PDF copy of this Clay Plug spec was provided via email by Rebecca Napier (Timmons Group) on 7/22. Reid stated at the pre-con meeting that he had assumed this plug material would have to be imported.*

#### **Angler Environmental –**

5. **Barry Moses requested that orange safety fencing be installed from above the culvert outlet to a point along the Warhill walking trail where the trail veers from the construction (~150 ft).**

*Orange safety fence has been installed through this area, as requested. Benjamin Rodriguez (Angler Superintendent) will also be installing cautionary construction signage along the trail.*

6. **Reid Cook and Benjamin Rodriguez agreed to coordinate with Bob Moss of ECS concerning soils testing and observation.**

*The construction activity this first week has consisted primary of topsoil stripping and excavation (cut) to shape the stream section within the first 100 LF. The second week will likely include some fill activity and Angler will contact Mr. Moss (ECS) at least 24 hrs prior so that he can inspect the fill activity, as previously discussed.*

7. **David Greshamer requested Construction Entrance sign at the intersection with the stadium driveway.**

*A "CONSTRUCTION ENTRANCE AHEAD" sign was erected the afternoon of 7/23.*

#### **James City County –**

8. **David Greshamer stated that he will provide mailbox for permit information.**

*Mailbox was provided but SWPPP notebook does not fit. The SWPPP notebook is currently being stored in the small storage trailer onsite. The trailer remains unlocked while Angler staff is present, during operational hours and is secured in the evenings and weekends. The SWPPP notebook will be made available upon request.*

9. **Barry Moses will provide HRPDC progress payment and final completion forms to Angler.**

*These forms were provided at the 7/23 Progress Meeting.*

#### **7/23 Progress Meeting Minutes:**

1. **Reid (Angler) requested use of an approximately 25' x 50' area directly adjacent to the North side of the construction entrance for use in temporarily stockpiling excess soil. The existing utilities were identified (water) and the proposed stockpile limits will not impact the hydrant or watermain. Silt fence is proposed on the North and West sides of this area to delineate the limits (grade falls back into the project site - Southeast). The current stockpile area is being utilized for topsoil material and is reaching capacity. Reid stated he would arrange for weekly (or bi-weekly) export of the proposed stockpile to prevent the height from exceeding 10 feet. The proposed limits of this additional stockpile area are delineated on the attached PDF titled "Temporary Stockpile Plan". I have also depicted the approximate limits of the current Materials Storage Area, that was agreed to at the Pre-Construction Meeting, directly adjacent to the South side of the construction entrance. The attached photographs (111 & 112) were taken the morning of 7/23 and are facing East and North, respectively, to show the current Materials Storage Area and the proposed Temporary Stockpile area.**

**\*Amy and David** – please review at your earliest convenience and let me know if this Temporary Stockpile will be allowed. If so, Angler will erect the silt fence and add a copy of this Temporary Stockpile Plan to their site SWPPP notebook.

2. Project site is being maintained very well from both an E&SC standpoint and general public safety. The only notable interaction with the adjacent Sports Complex occurred the morning of 7/23 during the site progress meeting when a young man requested the equipment be shut down for a few minutes while an interview was filmed on the outer edge of the complex (East side, under the stands). Angler agreed but shortly following the equipment shutdown, two dump trucks arrived with a delivery of large stone. Needless to say the interview was moved farther into the complex without further comment or complaints.
3. Reid requested that Angler be allowed to return in February to plant the live stakes. His experience has been they have a much higher survival rate and perform better long term when planted at the end of the dormant season versus the beginning (November). All of the gallon plants would still be planted in late September/early October as previously agreed at the Pre-Construction Meeting. Timmons Group agrees with this request and only asks that Angler provide the specified plant warranties respective of the installation dates for these two plantings – Reid agreed.
4. Weekly site progress photographs will be uploaded to the Timmons Group FTP website at the following location and can be accessed by clicking the hyperlink and then entering the specified username and password. The photos can then be downloaded to your respective computer for viewing.

<ftp://ftp.timmons.com>

Username/login: public

Password (case sensitive): public

File Name: Ironbound Rd BMP Comp. Mitigation

5. Restoration efforts began at the upstream end and were terminated approximately 100 LF downstream at the stone weir structure near Sta. 10+60. The graded slopes to that point were being stabilized with seed, 700 gram matting and the respective stone installed. Work will commence again Monday (7/26) morning at Sta. 10+60.
6. Next Progress Meeting to be conducted onsite Wednesday, July 28<sup>th</sup> at 10 AM. Please let me know via email if you plan to attend or have any specific matters you would like addressed at this meeting.

*These minutes are the author's interpretation of the meeting. Any additions, deletions or clarifications to these meeting minutes should be requested in writing within 2 business days of receipt or be accepted into the project record.*

Please do not hesitate to contact me with any questions or if additional information is required.

Thank you,  
**Stephen C. Quina, Jr., PE**  
**Senior Project Manager**

**TIMMONS GROUP**  
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Fax: 804.560.1438  
Cell: 804.385.9964  
E-mail: [stephen.quina@timmons.com](mailto:stephen.quina@timmons.com)  
[www.timmons.com](http://www.timmons.com)

## **Warhill Stream Restoration Project**

### **Notes from Pre-Con Meeting**

- **Surveyor to begin staking on the 20<sup>th</sup> of July**
- **Install safety fencing around pipe inlet and up trail until it veers from construction site**
- **Supplement seed with millet**
- **Planting to begin the end of September or beginning of October**
- **Contractor to call Geo Tech when soil testing and compaction required.**
- **Station 11:00 tree removal**
- **Station 11:5- tree removal – 2 trees**
- **Change of rock specs for steps, weirs**

## David Greshamer

---

**From:** Rebecca Napier [Rebecca.Napier@timmons.com]  
**Sent:** Thursday, July 22, 2010 2:19 PM  
**To:** Barry Moses; RMoss; Stephen Quina; David Greshamer; rcook@anglerenvironmental.com; Spotswood Johnson; Amy Parker  
**Subject:** RE: Pre-Construction Follow-up - Ironbound Square Compensatory Mitigation Plan  
**Attachments:** Channel Plug.pdf

In response to Barry's questions/comments, I offer the following:

1. 24" intermediate diameter rocks is acceptable. The 30-36" spec is a typo on Sheet 2.
2. The Millet that Reid suggested is an acceptable nursery crop.
3. Requested planting window is acceptable.
4. I checked the bid doc specs regarding the clay plug material and for some reason the county did not include the specs in Appendix A as they had in their draft copy. Therefore, I have attached the spec that they provided to me in 2008 for the clay plug spec.

\*\*\*new email address: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)\*\*\*

Rebecca Napier, PE (formerly 'Draucker')  
Environmental Project Manager

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Fax: 804.560.1648

E-mail: [rebecca.napier@timmons.com](mailto:rebecca.napier@timmons.com)

[www.timmons.com](http://www.timmons.com)



## WetCollect™

Software for Mobile Wetland Data Collection

---

**From:** Barry Moses [mailto:BMoses@james-city.va.us]  
**Sent:** Thursday, July 22, 2010 12:15 PM  
**To:** 'RMoss'; Stephen Quina; Rebecca Napier; David Greshamer; 'rcook@anglerenvironmental.com'; Spotswood Johnson; Amy Parker  
**Subject:** Pre-Construction Follow-up - Ironbound Square Compensatory Mitigation Plan

I haven't heard back on some of the questions raised at the pre-construction meeting Monday. Therefore, I wanted to send out a list of topics so that we don't lose sight of these items. This type of list is something we will review and adapt at our weekly meetings.

The following is the list of topics that David Greshamer and I came up with. I've organized them by the party responsible for that item:

Timmons –

1. Reid Cook requests to use 24" rock for Rock Sills and Weirs in the expectation that this size rock material can be placed and articulated better in the relatively small stream cross-section. Note: Sheet 3 includes specification for 24" intermediate diameter rock which conflicts with the Project Narrative on Sheet 2 which states 30-36" rock will be used.
2. Reid Cook requested to supplement the riparian seed mix with millet as a nurse crop. Note: the VESCH suggests 50 lb/acre of German Millet for May 1<sup>st</sup> through August seeding and the specification on Sheet 7 states Foxtail Millet without an application rate.
3. Reid Cook requested a planting window beginning late September/early October for the 1 gal. Riparian Forest, 1 gal. Streamside Shrubs and Streamside Live Stakes. Note: Live Stake specification Page A-5 of Appendix A bid documents item 5.4 states, "Live stakes must be installed after leaf drop in the fall and before bud break in the spring."
4. Several attendees noted that the Clay Plug specification is not apparent in the plans or, specifications. Timmons to verify the omission and provide specification, if necessary.

Angler –

5. Barry Moses requested that orange safety fencing be installed from above the culvert outlet to a point along the Warhill walking trail where the trail veers from the construction (~150 ft)
6. Reid Cook and Benjamin Rodriguez agreed to coordinate with Bob Moss of ECS concerning soils testing and observation.
7. David Greshamer requested Construction Entrance sign at the intersection with the stadium driveway.

James City County –

8. David Greshamer stated that he will provide mailbox for permit information.
9. Barry Moses will provide HRPDC progress payment and final completion forms to Angler.

List of Attendees:

Angler Environmental – Reid Cook and Benjamin Rodriguez  
Timmons Group – Rebecca Napier and Stephen Quina  
James City County Stormwater – Barry Moses, David Greshamer and Spotswood Johnson  
James City County Environmental – Amy Parker  
ECS – Bob Moss

Thanks,

Barry E. Moses, P.E.  
Senior Stormwater Engineer  
James City County Stormwater Division

## **B. CHANNEL PLUGS**

### **1. DESCRIPTION**

- 1.1 Channel plugs shall be used in locations where the former and new stream channels intersect to prevent stream flow from re-activating the old channel. Channel plugs consist of soil material (i.e. clay) placed and compacted within the channel to block stream flow. Channel plugs shall be stabilized with topsoil, seed, and natural fiber matting.

### **2. MATERIALS**

#### **2.1 Soil Material**

- 2.1.1 Soil material for the channel plug shall be defined as CL, CH, MH, or SC in accordance with ASTM D 2487 – Classification of Soils for Engineering Purposes.

- 2.1.2 Soil material shall be obtained from an approved on- or off-site borrow source.

#### **2.2 Matting, Topsoil, and Seed**

- 2.2.1 Matting, Topsoil, and Seed shall be as specified in Section A of these specifications.

### **3. CONSTRUCTION**

- 3.1 Construct the stream channel plugs to the dimensions and locations detailed in the plans.

- 3.2 Clear the stream channel cross-section on all sides to remove all vegetation and root mat material to an elevation which is at least one foot below the elevation of the existing stream channel cross-section.

- 3.3 Channel plug material shall be spread evenly in horizontal layers of approximately 8 inches loose lift thickness over the width of the lift. Each lift of soil layer material shall be machine compacted to a density greater than the surrounding, undisturbed soil.

- 3.4 Stabilize channel plugs with 6 inches of topsoil, seed, and natural fiber matting.

### **4. MEASUREMENT AND PAYMENT**

- 4.1 Channel plugs shall be measured and paid for at the Contract unit price for each (EA) channel plug structure installed. Payment shall be full compensation for the transport of all materials, excavation, installation, and maintenance of structures, and for all material, labor, equipment, tools, and incidentals necessary to complete the work as specified in the Contract Documents, or as specified by the owner or engineer.

**END OF SECTION**

The following is the list of topics that David Greshamer and I came up with. I've organized them by the party responsible for that item:

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END OF SECTION



Reid Cook

SENIOR STREAM SPECIALIST

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*Excellence guided by nature.*



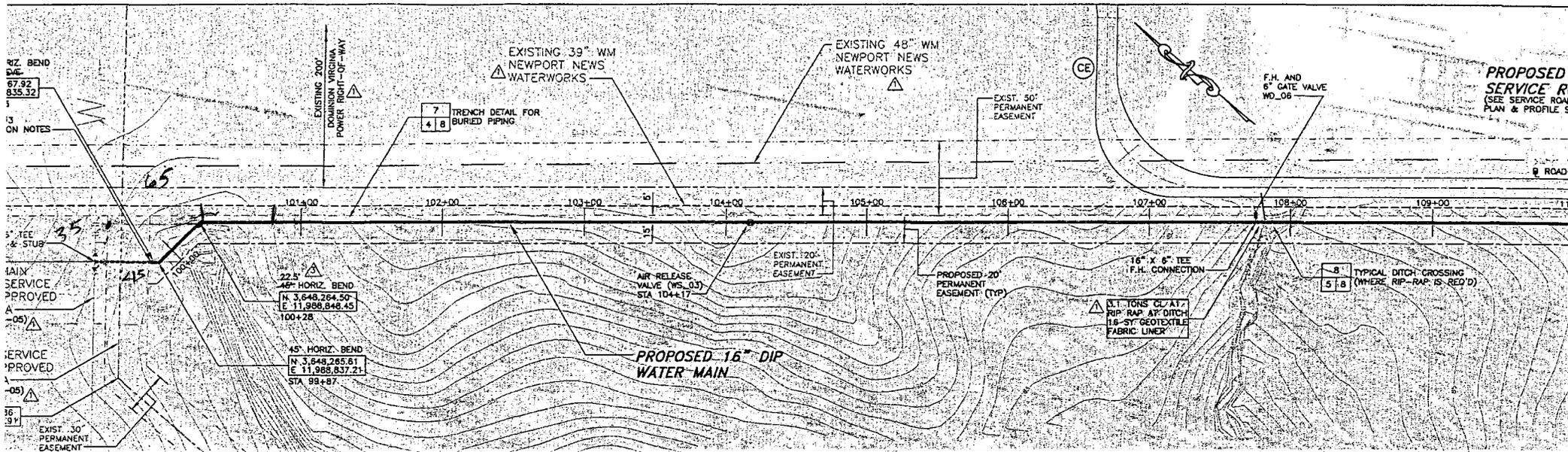
Benjamin Rodriguez  
SUPERINTENDENT

P: 703.393.4844  
F: 703.393.2934  
C: 540.428.6072  
DC: 165\*317457\*20

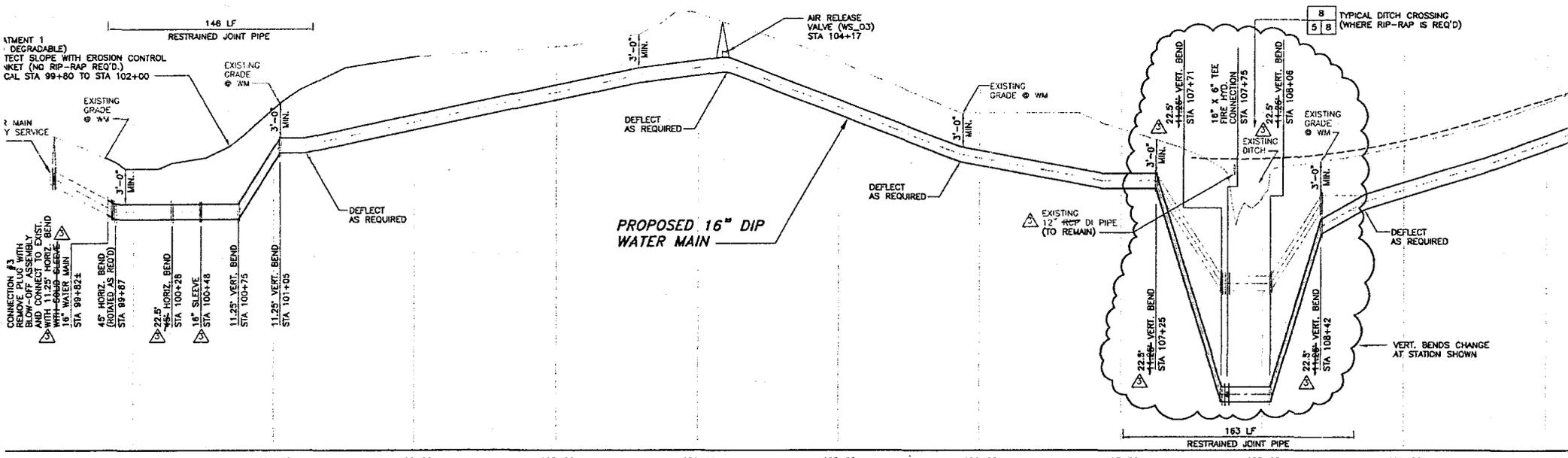
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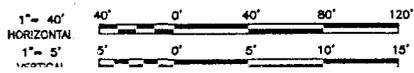


PLAN  
SCALE: 1" = 40'

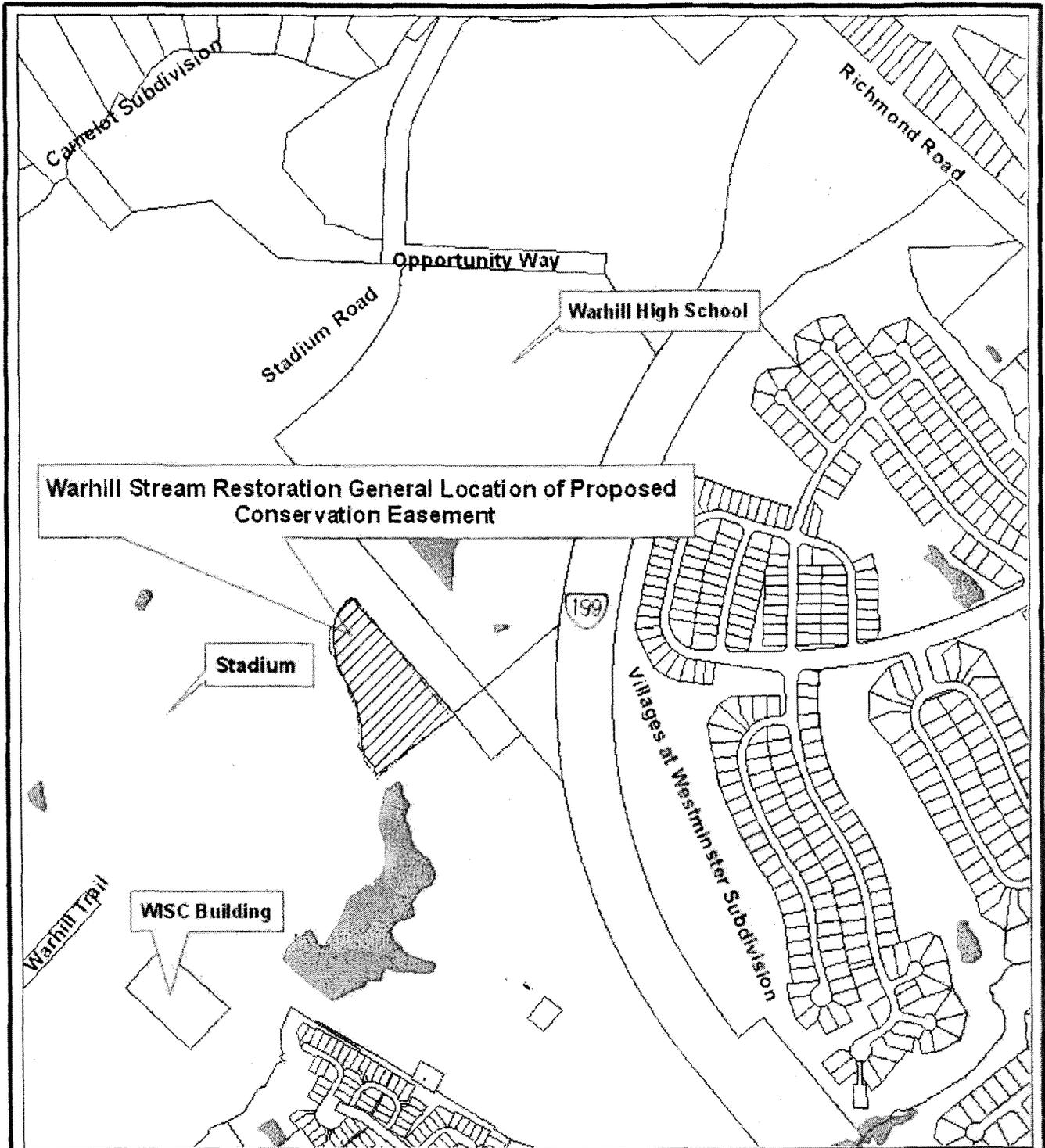


PROFILE  
SCALE: 1" = 40' HORIZ.  
1" = 5' VERT.

- NOTES:**  
**WATER MAIN CONNECTIONS NO. 3 & 4**
1. WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, REMOVING THE EXISTING CAP OR PLUG AND FURNISHING AND INSTALLING FITTINGS AND APPURTENANCES NECESSARY TO CONNECT TO THE EXISTING 18" WATER MAIN.
  2. ALL JOINTS ASSOCIATED WITH THE CONNECTION SHALL BE RESTRAINED.
  3. ALL PIPING, VALVES, SLEEVES AND FITTINGS ASSOCIATED WITH THE PROPOSED CONNECTION SHALL BE CLEANED AND SWABBED/DISINFECTED WITH A 1% CHLORINE SOLUTION PRIOR TO INSTALLATION.
  4. EXISTING VALVES SHALL ONLY BE OPERATED BY THE W.C.S.A.
  5. THE CONTRACTOR SHALL VERIFY PIPE MATERIALS, SIZES, ALIGNMENT AND LOCATION OF THE EXISTING WATER MAIN PRIOR TO ORDERING MATERIALS FOR THE PROPOSED CONNECTION.



SEE OTHER PROJECTS FOR ALTERNATE OR ADDITIONAL NOTES TO THIS PLAN AND PROFILE DRAWING TO BE USED FOR CONSTRUCTION.

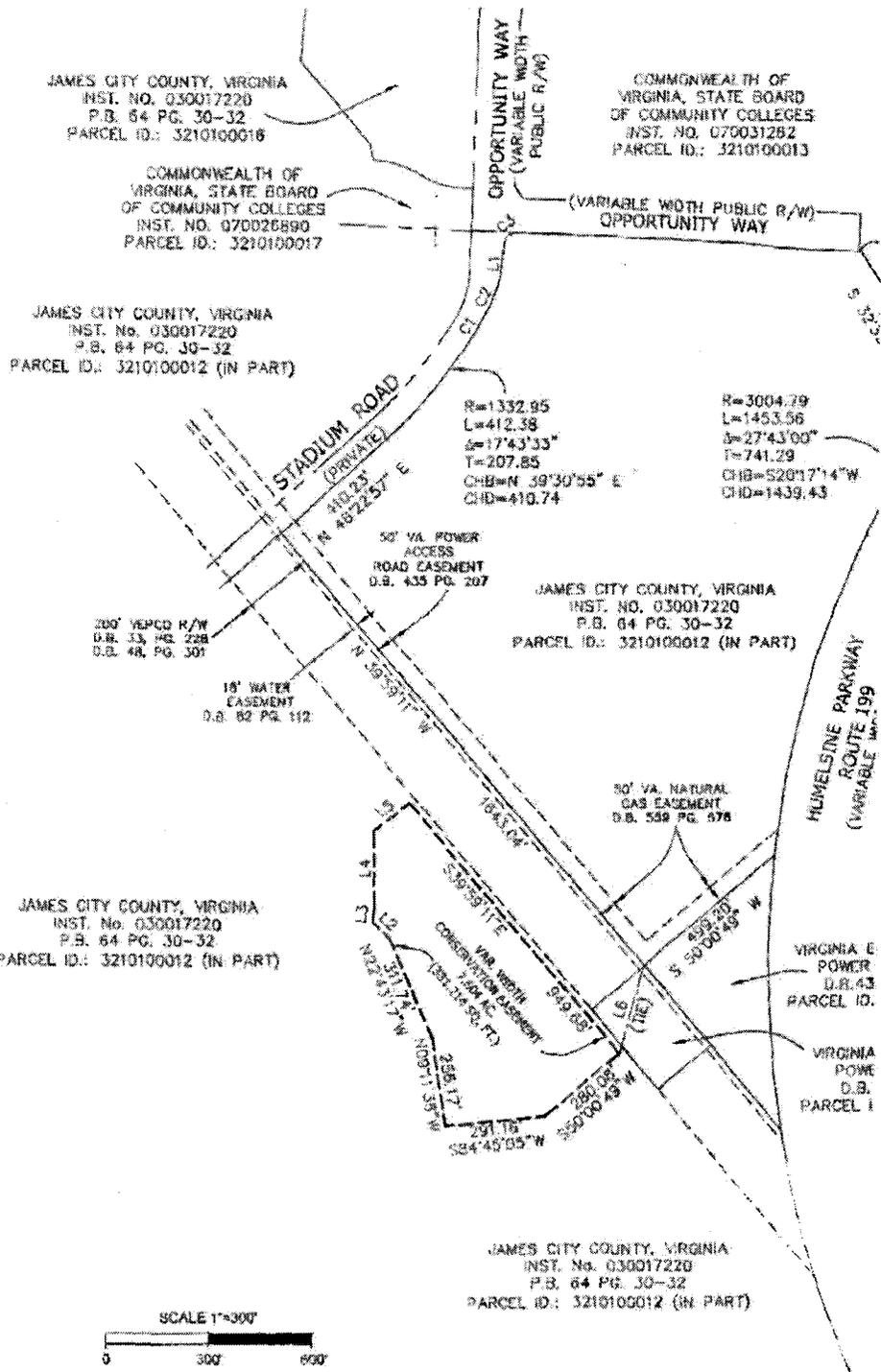


**Warhill Stream Restoration General Location of Proposed Conservation Easement**

**Warhill Stream Restoration  
General Location of Proposed Conservation Easement**

1 inch = 700 feet





Reduced - Not To Scale

# Warhill Stream Restoration Variable Width Conservation Easement

Parcel ID: 3210100012 (in part)

7.604 Acres