A G E N D A JAMES CITY COUNTY WETLANDS BOARD REGULAR MEETING

County Government Center, Building F 101 Mounts Bay Road, Williamsburg, VA 23185 May 11, 2016 7:00 PM

- A. CALL TO ORDER
- B. ROLL CALL
- C. MINUTES
 - 1. Minutes from 4/13/16 Meeting
- D. PUBLIC HEARINGS
 - 1. W-14-16 / VMRC 16-0313 : 3018 and 3020 North Riverside Drive
- E. BOARD CONSIDERATIONS
- F. MATTERS OF SPECIAL PRIVILEGE
- G. ADJOURNMENT

AGENDA ITEM NO. C.1.

ITEM SUMMARY

DATE: 5/11/2016

TO: Wetlands Board

FROM: Board Secretary

SUBJECT: Minutes from 4/13/16 Meeting

ATTACHMENTS:

Description Type

Minutes from 4/13/16 Meeting Minutes

REVIEWERS:

Department Reviewer Action Date

Environmental Secretary, Wetland Approved 5/4/2016 - 4:08 PM

JAMES CITY COUNTY WETLANDS BOARD MINUTES Wednesday April 13, 2016

A. ROLL CALL

ABSENT

John Hughes - Chair William Apperson Charles Roadley David Gussman Roger Schmidt - Alternate Larry Waltrip

OTHERS PRESENT

County Staff (Staff):

Michael Woolson, Senior Watershed Planner
Maxwell Hlavin, Assistant County Attorney
Melanie Davis, Secretary to the Board
Mark Eversole, Virginia Marine Resource Commission (VMRC)

The responsibility of this Board is to carry out locally the Commonwealth policy to preserve the wetlands and to accommodate economic activity so as to prevent their despoliation.

B. MINUTES

The December 9, 2015 Board minutes were approved as written.

C. PUBLIC HEARINGS

For the convenience of the applicants and staff, the order of the agenda was amended.

1. W-15-16 / VMRC 16-0314: 7671 Cypress Drive

Michael Woolson presented this request for a wetlands permit submitted by Karla Havens, Mid-Atlantic Resource Consulting, on behalf of Mr. Brian Harriss, to construct two 45-foot long breakwaters with beach nourishment on his property located at 7671 Cypress Drive, directly on the Chickahominy River. The property is further identified as James City County Tax Map Parcel No. 0930100007. Mr. Woolson described the current site conditions and the proposed project to protect the existing shoreline through this living shoreline proposal. Mr. Woolson advised the Board that the Virginia Institute of Marine Science (VIMS) had concerns with the application due to the presence of submerged aquatic vegetation (SAV) in this area of the Chickahominy River. In addition, an adjacent property owner has protested and wishes to be heard at the full Commission public hearing. Mr. Woolson explained that the application before the Board was for full impacts to vegetated and non-vegetated wetlands and any revisions due to the SAV would reduce these impacts. Therefore, Staff recommended approval of the permit application with the conditions specified in the Resolution to Grant the permit.

Mr. Hughes asked about the neighbors protest and clarification on the location of the breakwaters and the deflection of the wave energy.

Mr. Woolson read the following statement from Terry and Paula Shiver: "Give us proof our shoreline will not be washed out due to the Harriss project. We have lived here at in the Haven since 1970 and witnessed the continuous washing out of natural shorelines with the introduction of quarry stone". The Shivers were not present at this meeting but, this issue would be addressed at the hearing before the Virginia Marine Resource Commission. Mr. Woolson then clarified the proposed location of the breakwaters and believed the wave energy would not impact the neighbor's property.

Mr. Roadley asked if Staff's recommendation for approval was based on the revised drawings.

Mr. Woolson explained that Staff was recommending approval of the application as submitted. If the recent revisions were approved by VMRC, the impacts between the shoreline and mean low water which is what is in the Boards prevue, would be reduced and therefore this approval would still be valid. However the Board should consider that the revision would place part of the breakwaters in their jurisdiction.

Mr Hughes opened the public hearing.

- A. Ms. Karla Havens with Mid-Atlantic Resource Consulting, stated the revised drawings only changed the location of mean low water and were based on consultation with VMRC. She added that although she sent notice to all adjacent property owners requesting their comments, she had not received anything from Mr. and Mrs. Shiver. She felt the shoreline erosion on their property would occur even without this project due to the aggressive boat action in this area.
- Mr. Roadley asked if there was any net transport of sediment in this area.
- **B.** Ms. Havens stated she had not seen any.

Mr Roadley explained his reason for the question was that perhaps the erosion from the applicant's property was feeding the neighbor's property and the objection was because this project would stop that benefit. He felt the applicant was proposing the preferred method for protecting a shoreline from further erosion and it would not be the cause of erosion on the neighbor's property.

- Mr. Hughes closed the public hearing as no one else wished to speak.
- Mr. Apperson felt the project was well engineered and the applicant's shoreline needed protection.
- Mr. Hughes stated previously a bulkhead would have been proposed and this project was far superior.
- Mr. Apperson made a motion to adopt the resolution to grant the permit for wetlands board case W-15-16/VMRC 16-0314 at 7671 Cypress Drive, Parcel No 0930100007.

The motion was approved by a 5-0 vote.

RESOLUTION CASE NO. W-15-16/VMRC 16-0314. 7671 CYPRESS DRIVE JAMES CITY COUNTY WETLANDS PERMIT

- WHEREAS, Brian Harriss (the "Applicant") has applied to the Wetlands Board of James City County (the "Board") on April 13, 2016, to request a permit to use and develop in areas designated as wetlands on a parcel of property identified as James City County Real Estate Tax Parcel No. 0930100007 and further identified as 7671 Cypress Drive in the Cypress Point subdivision (the "Property") as set forth in the application W-15-16/VMRC 16-0314; and
- WHEREAS, the Board has listened to the arguments presented and has carefully considered all evidence entered into the record.
- NOW, THEREFORE, BE IT RESOLVED that the Wetlands Board of James City County, Virginia, following a public hearing, by a majority vote of its members FINDS that:
 - 1. The anticipated public and private benefit of the proposed activity in the wetlands exceeds its anticipated public and private detriment.

- 2. The proposed development conforms to the standards prescribed in Section 28.2-1308 of the Code of Virginia, and the guidelines promulgated pursuant to Section 28.2-1301 of the Code of Virginia.
- 3. The proposed activity does not violate the purpose and intent of Chapter 22 of the James City County Code or Sections 28.2-1300 et. seq. of the Code of Virginia.
- 4. In granting this Wetlands Permit, the following conditions are hereby imposed:
 - a. The applicant must obtain all other necessary local, state and/or federal permits required for the project; and
 - b. A pre-construction meeting will be held on-site prior to work commencing; and
 - c. The centerlines for the two breakwaters shall be re-staked to match the permit drawings; and
 - d. The sand fill shall gradually slope from an elevation of mean low water at the breakwaters to the upper edge of the shoreline scarp; and
 - e. No removal of the cut cypress stumps is allowed. The project must work around these features; and
 - f. A surety of \$1,000 shall be submitted in a form acceptable to the County Attorney's Office, guaranteeing the planting of spartina. One half of the surety may be released upon completion of initial plantings and the remaining may be released one year post planting if a 90% survival rate of the planted material has been achieved; and
 - g. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, such as a turbidity curtain, for this project if field conditions warrant their use; and
 - h. The Wetlands Permit for this project shall expire on April 13, 2017. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than six weeks prior to the expiration date.

2. W-13-16 / VMRC 16-0207: 3112 N Riverside Drive

Michael Woolson presented this request for a wetlands permit submitted by Karla Havens, Mid-Atlantic Resource Consulting, on behalf of Mr. George Amory and the Chickahominy Haven Citizen Association, to construct a 132-foot-long revetment adjacent to an existing, failing bulkhead located at 3112 N Riverside Drive, directly on the Chickahominy River. The property is further identified as James City County Tax Map Parcel No. 1910200009. Mr. Woolson described the current site conditions and the proposed project as specified in the Joint Permit Application (JPA). He explained that Staff considered this a modified living shoreline and recommended approval of the permit application with the conditions specified in the Resolution to Grant the permit.

Mr. Gussman asked what made this revetment a modified living shoreline.

Mr. Woolson explained that this proposal for a replacement wall included an armor stone structure which could be considered part of a living shoreline.

Mr. Hughes asked how old the existing bulkhead was and how the new wall would tie into the shoreline.

Mr. Woolson estimated the existing wall to be about 30 years old.

Mr. Roadley asked if the applicant had considered a living shoreline and if there was a return on the end of the proposed wall.

Mr. Woolson deferred these questions to the applicant's agent, Karla Havens.

Mr. Hughes opened the public hearing.

- **A.** Karla Havens, Mid-Atlantic Resource Consulting stated the fetch in this area and the fact that it was a northern facing shore, made it impractical for a living shoreline. She said there were no returns on the existing wall and therefore the over wash during any storm was eroding behind the existing wall. The proposal suggested by the contractor, Wilber Jordan, was to build a shorter revetment in front of the existing wall and use the armor stone to support it and tie into the shoreline.
- Mr. Apperson asked how long the existing bulkhead might last without this project.
- **<u>A.</u>** Ms. Havens stated that one good storm might take it out particularly because there was no longer any tie in to the shoreline.
- Mr. Hughes closed the public hearing as no one else wished to speak.
- Mr. Schmidt made a motion to adopt the Resolution to Grant the permit for wetlands board case W-13-16/VMRC 16-0207 at the 3112 North Riverside Drive, Parcel No. 1910200009.

The motion was approved by a 5-0 vote.

RESOLUTION CASE NO. W-13-16/VMRC 16-0207. 3112 N RIVERSIDE DRIVE JAMES CITY COUNTY WETLANDS PERMIT

- WHEREAS, George Amory and the Chickahominy Haven Citizen Association, (the "Applicant") have applied to the Wetlands Board of James City County (the "Board") on April 13, 2016, to request a permit to use and develop in areas designated as wetlands on a parcel of property identified as James City County Real Estate Tax Parcel No. 1910200009 and further identified as 3112 N Riverside Drive in the Chickahominy Haven subdivision (the "Property") as set forth in the application W-13-16/VMRC 16-0207; and
- WHEREAS, the Board has listened to the arguments presented and has carefully considered all evidence entered into the record.
- NOW, THEREFORE, BE IT RESOLVED that the Wetlands Board of James City County, Virginia, following a public hearing, by a majority vote of its members FINDS that:
 - 1. The anticipated public and private benefit of the proposed activity in the wetlands exceeds its anticipated public and private detriment.
 - 2. The proposed development conforms to the standards prescribed in Section 28.2-1308 of the Code of Virginia, and the guidelines promulgated pursuant to Section 28.2-1301 of the Code of Virginia.
 - 3. The proposed activity does not violate the purpose and intent of Chapter 22 of the James City County Code or Sections 28.2-1300 et. seq. of the Code of Virginia.
 - 4. In granting this Wetlands Permit, the following conditions are hereby imposed:
 - a. The applicant must obtain all other necessary local, state and/or federal permits required for the project; and
 - b. A pre-construction meeting will be held on-site prior to work commencing; and
 - c. A surety of \$1,000 shall be submitted in a form acceptable to the County Attorney's Office, guaranteeing the upland restoration of the construction disturbance. Once the area is stabilized according to the Virginia Erosion and Sediment Control Handbook guidelines, the surety will be released; and
 - d. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, such as a turbidity curtain, for this project if field conditions warrant their use; and

e. The Wetlands Permit for this project shall expire on April 13, 2017. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than six weeks prior to the expiration date.

3. W-11-16 / VMRC 16-0125: 7608 Uncles Neck

Michael Woolson presented this request for a wetlands permit submitted by Karla Havens, Mid-Atlantic Resource Consulting, on behalf of Patrick and Lee Holder, to construct a 200-linear-foot revetment along the shoreline on their property located at 7608 Uncles Neck, directly on the Chickahominy River. The property is further identified as James City County Tax Map Parcel No. 2030200027. Mr. Woolson described the current site conditions and the proposed project as specified in the Joint Permit Application (JPA). The bank grading aspect of this case (CBE-16-074) will be considered by the Chesapeake Bay Board and all upland stabilization and bonding will be addressed with that case. Staff recommended approval of the wetland permit application with the conditions specified in the Resolution to Grant the permit.

- Mr. Hughes asked how the revetment would tie into the undefended side of the property.
- Mr. Woolson stated the slope was less severe on that side of the property and it would just tie in the bank the same as the Fisher's revetment on the opposite side tied into their bank now.
- Mr. Hughes opened the public hearing.
- **A.** Karla Havens, Mid-Atlantic Resource Consulting stated the revetment would be kept close to the bank on that side of the property. She also stated that Mr. and Mrs. Fisher, the adjacent property owners on the other side were in attendance in support of the project.
- Mr. Hughes closed the public hearing as no one else wished to speak.
- Mr. Gussman commented that in his experience, the wave action from large boats was extensive in this area of the Chickahominy possibly causing a lot of the erosion.
- Mr. Roadley asked if the existing wetland three-square plants would be impacted by the proposed structure.
- Mr. Woolson stated they would not.
- Mr. Gussman made a motion to adopt the Resolution to Grant the permit for wetlands board case W-11-16/VMRC 16-0125 at the 7608 Uncles Neck, Parcel No. 2030200027.

The motion was approved by a 5-0 vote.

RESOLUTION CASE NO. W-11-16/VMRC 16-0125. 7608 UNCLES NECK JAMES CITY COUNTY WETLANDS PERMIT

- WHEREAS, Patrick and Lee Holder, (the "Applicant") have applied to the Wetlands Board of James City County (the "Board") on April 13, 2016, to request a permit to use and develop in areas designated as wetlands on a parcel of property identified as James City County Real Estate Tax Parcel No. 2030200027 and further identified as 7608 Uncles Neck in the Rivers Bend at Uncles Neck subdivision (the "Property") as set forth in the application W-11-16/VMRC 16-0125; and
- WHEREAS, the Board has listened to the arguments presented and has carefully considered all evidence entered into the record.

NOW, THEREFORE, BE IT RESOLVED that the Wetlands Board of James City County, Virginia, following a public hearing, by a majority vote of its members FINDS that:

- 1. The anticipated public and private benefit of the proposed activity in the wetlands exceeds its anticipated public and private detriment.
- 2. The proposed development conforms to the standards prescribed in Section 28.2-1308 of the Code of Virginia, and the guidelines promulgated pursuant to Section 28.2-1301 of the Code of Virginia.
- 3. The proposed activity does not violate the purpose and intent of Chapter 22 of the James City County Code or Sections 28.2-1300 et. seq. of the Code of Virginia.
- 4. In granting this Wetlands Permit, the following conditions are hereby imposed:
 - a. The applicant must obtain all other necessary local, state and/or federal permits required for the project; and
 - b. A pre-construction meeting will be held on-site prior to work commencing; and
 - c. All surety associated with CBE-16-074 be in place prior to commencing this project; and
 - d. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, such as a turbidity curtain, for this project if field conditions warrant their use; and
 - e. The Wetlands Permit for this project shall expire on April 13, 2017. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than six weeks prior to the expiration date.

Secretary to the Board

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F. ADJOURNMENT

Wetland Board Chair

Ε.	MA	TTERS	\mathbf{OF}	SPECIAL	PRIX	/ILEGE

The meeting adjourned at 8:05 p.m.		
John Hughes	Melanie Davis	

Wetlands Board Minutes 4/13/16 Page 6 of 6

AGENDA ITEM NO. D.1.

ITEM SUMMARY

DATE: 4/13/2016

TO: Wetlands Board

FROM: Michael Woolson, Senior Watershed Planner

SUBJECT: W-14-16 / VMRC 16-0313: 3018 and 3020 North Riverside Drive

Mr. Henry Branscome II has applied for a wetland permit for multiple stone sills and beach nourishment at 3018 and 3020 North Riverside Drive. This is a living shoreline application.

ATTACHMENTS:

	Description	Type
П	Staff Report	Staff Report
D	Joint Permit Application (JPA)	Backup Material
ם	VIMS Recommendation	Cover Memo
D	VMRC Letter	Backup Material
D	APO Notification and Ad	Backup Material
D	Resolution	Resolution

REVIEWERS:

T	- ·	A •	
Department	Reviewer	Action	Date
LICDALLICIL.	IX CV IC WCI	ACHOH	1701

Environmental Secretary, Wetland Approved 5/5/2016 - 3:04 PM

WETLAND BOARD CASE No. W-14-16/VMRC 16-0313. 3018 and 3020 North Riverside Drive Staff report for the May 11, 2016, Wetland Board Public Hearing

This staff report is prepared by James City County Engineering and Resource Protection to provide information to the Wetland Board to assist them in making a recommendation on this assessment. It may be useful to members of the general public interested in this assessment.

EXISTING SITE DATA AND INFORMATION

Applicant: Mr. Henry S. Branscome, II

Agent: Karla Havens, Mid-Atlantic Resource Consulting

Location: 3018 and 3020 North Riverside Drive

Tax Map/Parcel Nos.: 1820300006 (3020 North Riverside Drive)

1820300007 (3018 North Riverside Drive)

Watershed: Chickahominy River (HUC Code JL28)

Proposed Activity: Construction of three stone sills and associated beach nourishment

Wetland Impacts: 2,400 square feet of Type XIV Sand Flat Community

2,790 square feet of subaqueous bottom

Staff Contact: Michael Woolson, Senior Watershed Planner Phone: 253-6823

PROJECT DISCUSSION

Karla Havens, Mid-Atlantic Resource Consulting, on behalf of Mr. Henry Branscome II, has applied for a Wetlands Permit to construct three stone sills totaling 186 linear feet and associated beach nourishment at 3018 and 3020 North Riverside Drive within the Chickahominy Haven subdivision, directly on the Chickahominy River. The properties are further identified as James City County Tax Map Parcel Nos. 1820300006 and 1820300007.

The stone sills will be constructed of Class II armor stone (150-500 lbs.) over top of Class I core stone (50-150 lbs.), all placed on top of filter cloth. The sills will have a face slope of 2H:1V on the channelward side and a face slope of 1.5H:1V on the landward side. The intervening area between the sills and mean high water will be backfilled with clean sand fill and planted with *Spartina alterniflora* on 2-foot centers. The approximate slope of the beach nourishment will be 10H:1V.

The existing shoreline has been hardened over the years with concrete rubble. This concrete is proposed to be removed and the bank scarp regraded at a 3H:1V slope. Maximum bank grading is approximately 10 feet landward of the proposed beach nourishment area. There are several large existing trees that will remain. The bank grading activities will avoid these trees. Construction access will be through the uplands. The construction access must be restored and stabilized after the completion of the project. To guarantee the Spartina plantings (1,000 plants) and the restoration of the uplands, a bond will be collected in the amount of \$1,500.

MITIGATION DISCUSSION

As published in the Virginia Register on July 11, 2005, the revised Wetland Mitigation Compensation Policy and Supplemental Guidelines, Regulation 4VAC 20-390-10 et seq., Virginia, as a Chesapeake Bay Program partner, is committed to "achieve a no-net loss of existing wetlands acreage and function in the signatories'

regulatory programs." In order for a proposed project to be authorized to destroy wetlands and compensate for the wetland loss in some prescribed manner, the following three criteria must be met:

- 1. All reasonable mitigative efforts, including alternative siting, which would eliminate or minimize wetland loss or disturbance must be incorporated in the proposal; and
- 2. The proposal must clearly be water-dependent in nature; and
- 3. The proposal must demonstrate clearly its need to be in the wetlands and its overwhelming public and private benefits.

If the proposed project cannot meet one or more of the above criteria, the project must be denied or must occur in areas outside of wetlands. Should it satisfy all three criteria, however, compensation for the wetland loss is required. The sequence of acceptable mitigation options should be as follows: on-site, off-site within the same watershed, mitigation bank(s) in the same watershed or a payment of an in-lieu fee. If compensation is required, it should be a condition of the permit.

As stated previously, this project impacts 2,400 square feet of Type XIV Sand Flat Community. This wetland impact is non-vegetative and requires no compensatory mitigation as a permit condition.

STAFF RECOMMENDATIONS

Staff recommends approval of the application. Should the Board wish to approve the application, staff suggests the following conditions be incorporated into the approval:

- 1. The applicant must obtain all other necessary local, state and/or federal permits required for the project; and
- 2. A pre-construction meeting will be held on-site prior to work commencing; and
- 3. A surety of \$1,500 shall be submitted in a form acceptable to the County Attorney's Office, guaranteeing the Spartina plantings and upland restoration of the construction disturbance. Once the area is stabilized according to the Virginia Erosion and Sediment Control Handbook guidelines, the surety will be released; and
- 4. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, such as a turbidity curtain, for this project if field conditions warrant their use; and
- 5. The Wetlands Permit for this project shall expire on May 11, 2017. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than six weeks prior to the expiration date.

MW/nb W14-16VMRC16-0313-NRvrsdeDr

Attachments:

- 1. Joint Permit Application
- 2. VIMS Report

Part 1 - General Information

PLEASE PRINT OR TYPE ALL RESPONSES: If a question does not apply to your project, please print N/A (not applicable) in the block or space provided. If additional space is needed, attach 8-1/2" x

Waterway at project site: Chickahominy River	
1. Applicant's name* and complete mailing address:	Contact Information:
Henry S. Branscome, II P. O. Box 6478 158 Blow Flats Rd Williamsburg, VA 23188-6478 33185	Home () Work () Fax ()
	cell/Pager (757) 880-4561 e-mail mkefalaso Asbilc.com
State Corporation Commission ID Number	er (if appicable)
Property owner(s) name* and complete address, if different from applicant	Contact Information: Home ()
	Work () Fax ()
	Cell/ Pager ()e-mail
State Corporation Commission ID Number	er (if appicable)
 Authorized agent name* and complete mailing address (if applicable): 	Contact Information: Home ()
Karla S. Havens Mid-Atlantic Resource Consulting 1095 Cherry Row Lane Plainview, VA 23156	Work (804) 785-2107 Fax () 366-1768 e-mail khavens@inna.net
State Corporation Commission ID Number	

- 4. Provide a detailed description of the project in the space below. If additional space is needed, provide a separate sheet of paper with the project description. Be sure to include how the construction site will be accessed, especially if clearing and/or grading will be required.

Construction of approximately 266 linear feet of quarry stone sill with beach nourishment and sprigging with appropriate wetland vegetation.

Remove existing rubble along shoreline.

Grade bank to a 3:1 stope and stabilize with appropriate seasonal seed mixture and mulch.

Site to be accessed from the upland.

RECEIVED	Notes:
	PA# 16-0313
MAR 0 2 2016	of the state of th
MARINE RESOURCES COMMISSION	MAR 02 2016



Part 1 - General Information (continued)

•				
	Contractor's name* and complete mailing address	s:	Contact Information:	
	Danny R. Winall		Home ()	
	Water's Edge Construction		Work ()	
	P. O. Box 352 Toano, VA 23168		Fax (
	10anu, VA 20100		Cell / Pager (757)	566-0149
				ecmarine.com
÷.	State Corporation Commission ID Number	(if appicable)		· · · · · ·
Tal			<u> </u>	·
-	* If multiple contractors, each must be listed and each n	nust sign the a	pplicant signature page. If fo	<u>ra</u>
	company, use the SCC registered name.			
6.	List the name, address and telephone number of to of the project. Failure to complete this question r	he newspape may delay loo	r having general circulational and State processing.	on in the area
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Note: if the project is in an undeveloped subdivision or property, clearly stake and identify property lines and location of the proposed project. A supplemental map showing how the property is to be subdivided should also be provided.

REVISED: March 2014

MAR 02 2016

Part 1 - General Information (continued)

8. What is the primary and secondary purpose of the project? For example, the primary purpose may be "to protect property from erosion due to boat wakes" and the secondary purpose may be "to provide safer access to a pier." Primary purpose is to minimize shoreline erosion. Secondary purpose is to establish a beach and marsh. 9. Proposed use (check one): X Single user (private, non-commercial, residential) ____ Multi-user (community, commercial, industrial, government) Describe the measures that will be taken to avoid and minimize impacts, to the maximum extent practicable, to wetlands, surface waters, submerged lands, and buffer areas associated with any disturbance (clearing, grading, excavating) during and after project construction. Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation. All denuded and sparsely vegetated areas shall be seeded with an appropriate seasonal seed mixture and mulched. Have you previously had a site visit, applied to, or obtained a permit from any agency (Federal, State, or Local) for any portion of the project described in this application or any other project at the No * If you answered "Yes", provide the following information: Agency / Representative Permit/Project No. Action** & Date WB, VMRC, Corps Pier Issued 2015

(**Issued, Denied, Withdrawn, or Site Visit)

REVISED: March 2014



Part 1 - General Information (continued)

- Is this application being submitted for after-the-fact authorization for work which has already begun or been completed? Yes x No. If yes, be sure to clearly depict the portions of the project which are already complete in the project drawings.
- 13. Approximate cost of the entire project (materials, labor, etc.): \$ Approximate cost of that portion of the project which is below mean low water: \$
- 14. Completion date of the proposed work: ASAP once permits are issued
- Adjacent Property Owner Information: List the name and complete mailing address, including zip code, of each adjacent property owner to the project. (NOTE: a property owner/applicant cannot be their own adjacent property owner. You must give the next owner down the river, creek, etc).

Charlie R. & Bonnie Sears 3016 N. Riverside Drive Lanexa, VA 23089-9403

Virginia C. Linkenauger 3022 N. Riverside Drive Lanexa, VA 23089-9403





Part 2 - Signatures

1. Applicants and property owners (if different from applicant). NOTE: REQUIRED FOR ALL PROJECTS

PRIVACY ACT STATEMENT: The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.

CERTIFICATION: I am hereby applying for all permits typically issued by the DEQ, VMRC, U.S. Army Corps of Engineers, and/or Local Wetlands Boards for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions, both in reviewing a proposal to issue a permit and after permit issuance to determine compliance with the permit.

In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Applicant's Name (printed/typed)	(Use if more than one applicant)
Applicant's Signature 3-1-16 Date	(Use if more than one applicant)
Property Owner's Name (printed/typed) (If different from Applicant)	(Use if more than one owner)
Property Owner's Signature	(Use if more than one owner)
Date	

REVISED: March 2014

MAR 02 2016

Part 2 – Signatures (continued)

2. Applicants having agents (if applicable) CERTIFICATION OF AUTHORIZATION Karla S. Havens Henry S. Branscome, II hereby certify that I (we) have authorized I (we), (Agent's name(s)) (Applicant's name(s)) to act on my behalf and take all actions necessary to the processing, issuance and acceptance of this permit and any and all standard and special conditions attached. We hereby certify that the information submitted in this application is true and accurate to the best of our (Use if more than one agent) (Agent's Signature) (Date) (Use if more than one applicant) 3. Applicant's having contractors (if applicable) CONTRACTOR ACKNOWLEDGEMENT Henry S. Branscome, II Danny R. Winnall have contracted (Applicant's Name(s)) (Contractor's Name(s)) to perform the work described in this Joint Permit Application, signed and dated We will read and abide by all conditions set forth in all Federal, State and Local permits as required for this project. We understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, state and local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes. In addition, we agree to make available a copy of any permit to any regulatory representative visiting the project to ensure permit compliance. If we fail to provide the applicable permit upon request, we understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all terms and conditions. Danny R. Winall Water's Edge Construction Contractor's name or name of firm P. O. Box 352 Toano, VA 23168 Contractor's or firms address Contractor's License Number

* Resource Police Polic

REVISED; March 2014

(use if more than one applicant)

ADDITIONAL INFO Part 3 – Appendices (continued) REVISION

Appendix B: Projects for Shoreline Stabilization in tidal wetlands, tidal waters and dunes/beaches (including riprap revetments and associated backfill, marsh toe stabilization, bulkheads and associated backfill, breakwaters, beach nourishment, groins, jetties, etc). Answer all questions that apply. Please provide any reports provided from the Shoreline Erosion Advisory Service.

NOTE: Information on non-structural, vegetative alternatives (i.e. Living Shoreline) for shoreline stabilization is available at http://ccrm.vims.edu/coastal_zone/living_shorelines/index.html.

1.	For riprap, bulkheads, marsh toe, breakwaters, groins, jetties: What is the overall length of the
	structure(s)? \Go linear feet. If applicable, what is the volume of the associated backfill? 400 cubic yards.
2.	What is the maximum encroachment channelward of mean high water? 45 feet. channelward of mean low water? 33 feet. channelward of the back edge of the dune or beach? 14 feet.
3.	Please calculate the square footage of encroachment over: • Vegetated wetlands • Nonvegetated wetlands • Subaqueous bottom • Subaqueous bottom • Dune and/or beach • Dune and/or beach • Please calculate the square feet over: • Square feet over:
1	For bulkheads, is any part of the project maintenance or replacement of a previously authorized, currently serviceable, existing structure?YesNo.
	If yes, will the construction of the new bulkhead be no further than two (2) feet channelward of the existing bulkhead? Yes No.
	If no, please provide an explanation for the purpose and need for the additional encroachment.
5 .	Describe the type of construction and all materials to be used, including source of backfill material, if applicable (e.g. vinyl sheet-pile bulkhead, timber stringers and butt piles, 100% sand backfill from upland source; broken concrete core material with Class II quarry stone armor over filter cloth). NOTE: Drawings must include construction details, including dimensions, design and all materials, including fittings if used.
	Class IT armor stone over class I come stone over
	fither cloth. Clean, coarce, beach-quality sand from an upland source. Wetland vegetation from a reputable Vendor.
6.	If using stone, broken concrete, etc., for your structure(s), what is the average weight of the: Core (inner layer) material 45 pounds per stone Class size 1 Armor (outer layer) material 300 pounds per stone Class size 10
	ocino & Resource
:RI	16 APR 18 2016
	RCENEO

Part 3 - Appendices (continued)

7. For beach nourishment, including that associated with breakwaters, groins or other structures, provide the following:

• Volume of material 311

cubic yards channelward of mean low water cubic yards landward of mean low water

Area to be covered 2.400 4,800 square feet channelward of mean low water $(200 \times 12^{\circ})$ square feet landward of mean low water $(200 \times 12^{\circ})$

Source of material, composition (e.g. 90% sand, 10% clay): 100% Clean crave,

• Method of transportation and placement: beach quelty sand from an infland

Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc.:

\$1. alt to be songget on Z4 unch contex of the ends of the sill, shoul be firstlized of spow-release for tizer when planted. Areas to be re-songget where plant mortain occur for I season

Area landward MW = 200' x12' = 2,400 8F Ara Channelward MW = 200' x 24' = 4,800 SF

Volume landward MW = 2,400 ×1 = 2,400 = 27 T89,

Volume champword MW = 4,800 x 1.75 = 8,400 + 27

311 cn 405

REVISED: March 2014



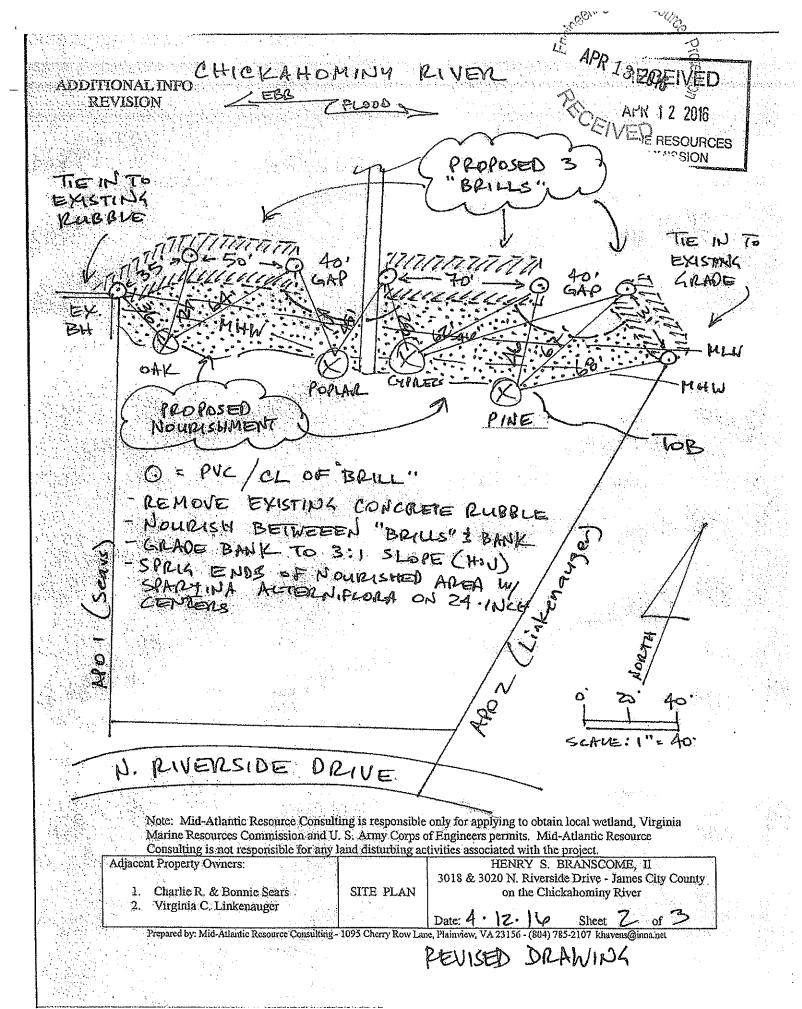
RECEIVED MAR 02 2016 MAR 0 2 2016 HINE RESPURCES COMMISSION CHICKAHOMINY RIVER FLOOD RIVERSIDECURIVE X5.25 EDGE OF WATER (MEAN LOW, MAPLE CHERRY CYPRUS SPOT ELEVATION POWER POLE RECORD 4. THIS PROPERTY LIES WITHIN ZONE "AE EL 7.5" (BASE FLOOD ELEVATIONS DETERMINED) ACCORDING TO THE FLOOD INSURANCE RATE MAP FOR JAMES CITY COUNTY, VROINIA.
MAP NUMBER: 51085C0085C. EFFECTIVE DATE: SEPTEMBER 1. THIS SURVEY IS THE RESULT OF AN ACTUAL GROUND SURVEY PERFORMED BY CARDINAL SURVEY & DESIGN, PLC, ON OCTOBER 1, 2014. 5. VERTICAL DATUM BASED ON MEAN LOW WATER, TIDAL BENCH MARK "FERRY". REFER TO TIDAL NOTE. OWNER: BAY EXCHANGE ACQUISITION COMPANY INSTRUMENT #: 140013887 2. NO TITLE REPORT WAS FURNISHED, THEREFORE ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN. NAVD88 (1.18') NGVD29 (-0.12') MLW (0.37") MEAN HIGH WATER (2.42') TOPOGRAPHIC SURVEY
FOR PROPERTY AT
3020 NORTH RIVERSIDE DRIVE PROJ. 14-075 DATE: 10/10/2014 SCALE: 1"=40" JAMES CITY COUNTY, VIRGINIA 150 STRAWBERRY PLAINS ROAD, SUITE D WILLIAMSBURG, VIRGINIA 23188 (757) 345-2866 - (757) 345-2877 (FAX) SURVEY & DESIGNAL candinal VICINITY MAP
SCALE: 1"=1 MILE

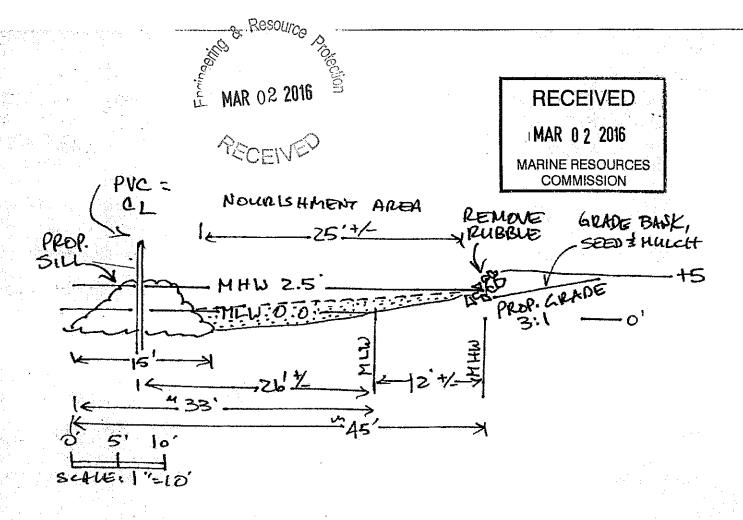
RECEIVED & Resource MAR 0 2 2016 MARINE RESOURCES COMMISSION MAR 02 2016

ADC Virginia Peninsula Map Book, 1996, page 1.

Note: Mid-Atlantic Resource Consulting is responsible only for applying to obtain local wetland, Virginia Marine Resources Commission and U. S. Army Corps of Engineers permits, Mid-Atlantic Resource Consulting is not responsible for any land disturbing activities associated with the project

Compared 23 not responsible for all	d mand marginistic	maintee apportant mini me	nrolect.	
Adjacent Property Owners:	VICINITY MAP	HENRY S. BRANSCOME, II		
1. Charlie R. & Bonnie Sears		3018 & 3020 N. Riversid on the Chick	e Drive - Jame cahominy Rive	
2. Virginia C. Linkenauger		Date: 2.26.16	Sheet.	of 3





- 2:1 SLOPE ON SILL'S CHANNELLYARD SIDE
- 1.5:1 SLOPE ON SILL'S LANDWARD SIDE
- CLASS II QUARRY STONE ARMOR OVER CLASS I QUARRY STONE CORE OVER FILTER CLOTH
- REMOVE CONCRETE PUBBLE
- NOURISH AREA BETWEEN SILL & HHW ON PROPORED BANK OUT

Note: Mid-Atlantic Resource Consulting is responsible only for applying to obtain local wetland, Virginia Marine Resources Commission and U. S. Army Corps of Engineers permits. Mid-Atlantic Resource Consulting is not responsible for any land disturbing activities associated with the project.

Adjacent Property Owners:

Adjacent Property Owners:

1. Charlie R. & Bonnie Sears
2. Virginia C. Linkenauger

Date: Z. Zl. 16 Sheet 3 of Sheet



VIMS Tidal Shoreline Management Recommendation

(VMRC # 16-0313)

Applicant: Henry S. Branscome, II

Address: 3018 & 3020 N. Riverside Drive, Lanexa, VA

Waterbody: Chickahominy River

Date: March 21, 2016

Preferred Options for Shoreline Management

The shoreline best management practice(s) recommended in this report reflect(s) the preferred approach for shoreline stabilization from a broad coastal ecosystem viewpoint, and is (are) based on VIMS comprehensive coastal resource management guidance to preserve and maintain tidal wetland ecosystems in the face of coastal development and sea level rise. The goal of the recommended approach is to foster the sustainability of shoreline resources using living shoreline designs where appropriate and applying traditional shoreline hardening only in areas where site conditions make them necessary. These recommendations reflect the Commonwealth's preferred approach for shoreline stabilization using living shoreline treatments whenever adequate erosion control can be achieved.

The comprehensive coastal resource management guidance recommendation is based on the natural resources and physical characteristics of the shoreline and is not dependent upon the project being proposed.

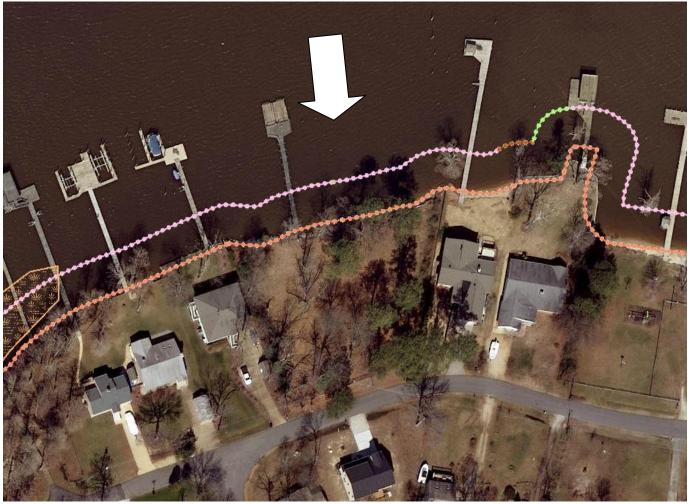
Information on the natural resources and physical characteristics of a shoreline is collected during the VIMS shoreline inventory conducted as part of the development of each locality's Coastal Comprehensive Resource Management Portal (CCRMP). The VIMS shoreline inventory includes data such as: bank condition, nearshore depth, fetch, bank height, presence of beach and/or wetlands, location of primary structures, existing shoreline structures, and bank cover. The data is collected via observations made from a small vessel on the water or remotely at the desktop using high resolution imagery. Every attempt has been made to ensure that these data are reliable and accurate. However limitations such as inability to access a shoreline, tide stage, image quality, as well as changes to shorelines occurring post inventory, affect the data accuracy.

A geo-spatial model that is based on the comprehensive coastal resource management guidance is used to determine the preferred shoreline management recommendations. An interactive Comprehensive Map Viewer delineating the preferred approaches for your locality can be accessed at http://ccrm.vims.edu/ccrmp/index.html.

The ecosystem scale of the model is not specifically detailed to individual parcels. In some instances, conditions of a parcel such as the presence of existing erosion control structures, narrow lot size, and proximity of primary buildings to the shoreline may cause the larger scale ecosystem based approach to be difficult to achieve. In these cases, the shoreline management recommendation derived from the CCRM Decision Tree Tools may be an alternative option and if so will be provided at the end of the report. To access the Coastal Management Decision Tree Tools go to: http://ccrm.vims.edu/decisiontree/.



Coastal Ecosystem Based Recommendation Details (16-0313)



If <u>active erosion</u> is occurring along this shoreline, **the preferred approach for erosion control to preserve and maintain tidal wetland ecosystems is to:**

Grade Bank
Plant Marsh with Sill

The Bank

It may be necessary along some sections of the shoreline to grade select areas of the bank and/or remove existing shoreline structures to reduce the steepness of the bank slope to allow for the gentle run-up of waves and to improve growing conditions in order to sustain vegetation on the bank. Grading should only be conducted where essential and done as minimally as possible to achieve the necessary slope. Banks that are graded should be stabilized with a variety of native plants placed at appropriate elevations.



Riparian Buffer

Maintaining vegetation in the riparian buffer area, (extending 100 feet back from the top of bank) will help to provide stabilization to this shoreline.

- Manage the existing trees by selectively removing and/or pruning dead, dying, and severely leaning trees as necessary;
- Preserve existing trees in the buffer;
- Prune limbs with weight bearing load over the water;
- Plant small native trees and shrubs in the buffer;
- Minimize waterfront lawn area;
- · Minimize routine mowing in the riparian buffer

The Tidal Shoreline

Plant Marsh with Sill

Reduce wave energy along this shoreline by planting and preserving marsh vegetation at appropriate elevations. The planting area for marsh vegetation should extend from mid-tide to an elevation 1.5 times the tide range above mean low water (the upper limit of which may be observed by the presence of upland vegetation).

- Maintain or widen existing marsh; and/or
- Plant new marsh which may require the placement of sand fill to provide the appropriate elevation necessary for marsh plants to grow;
 - Encourage both high and low marsh areas
 - Periodically monitor marsh for signs of damage and dead plants, especially after installation and after a storm event.
- o Trim tree limbs along the shoreline to allow sunlight to reach marsh plants

Construct a rock sill placed offshore from the existing or created marsh. The site-specific suitability for a sill must be determined, including bottom hardness, navigation conflicts, construction access limitations, orientation and available sunlight for marsh plants.





COMMONWEALTH of VIRGINIA

Marine Resources Commission

Molly Joseph Ward Secretary of Natural Resources 2600 Washington Avenue Third Floor Newport News, Virginia 23607

John M.R. Bull Commissioner

March 24, 2016

Henry S. Branscome, II c/o Mid-Atlantic Resource Consulting 1095 Cherry Row Lane Plainview, VA 23156

W-14-16

Re: VMRC #16-0313

Dear Mr. Branscome:

I am writing to acknowledge receipt of your application describing a project that <u>will</u> require a permit from the Marine Resources Commission.

Prior to commencing your project, you will also need authorization from the U. S. Army Corps of Engineers and your local wetlands board. Your application has been forwarded to these agencies.

If I may be of further assistance, please do not hesitate to call on me at (757) 247-8028.

Sincerely,

Mark C. Eversole

Environmental Engineer

Han Engel

MCE/lra HM

Enclosure

cor

U. S. Army Corps of Engineers #6
James City County Wetlands Board

Applicant

An Agency of the Natural Resources Secretariat

www.mrc.virginia.gov

Telephone (757) 247-2200 (757) 247-2292 V/TDD Information and Emergency Hotline 1-800-541-4646 V/TDD



Development Management Engineering and Resource Protection Division

P.O. Box 8784 Williamsburg, VA 23187-8784

Resource.Protection@jamescitycountyva.gov

Building Safety and Permits 757-253-6620

Engineering and Resource Protection 757-253-6670

Planning 757-253-6685

Zoning Enforcement 757-253-6671

April 20, 2015

Re: W-14-16/VMRC 16-0313 3018 & 3020 N. Riverside Drive

Breakwaters and beach nourishment

Dear Adjacent Property Owner:

In accordance with State and County Codes this letter is to notify you that a permit request has been filed with the James City County Wetlands Board by Mr. Henry S Branscome II, for construction of multiple sills and beach nourishment on his property at 3018 and 3020 N Riverside Drive in the Chickahominy Haven subdivision. The property is further identified by James City County Real Estate, as Parcel Nos. 1820300007 and 1820300006.

The joint permit application (JPA), a complete description, and other information are on file in the Engineering and Resource Protection Division and are available for inspection during normal business hours, should anyone desire to review them.

The Wetlands Board will hold an advertised public hearing <u>Wednesday</u>, <u>May 11, 2016 at 7 p.m</u>. in the Board Room of Building F located at 101 Mounts Bay Road, James City County, Virginia, at which time you may request to speak on the above referenced project.

Sincerely,

Melanie Davis

Melanie Davis Wetlands Board Secretary 757-253-6866

cc: Henry S Branscome II

Mid-Atlantic Resource Consulting

Mailing List for: W-14-16/16-0313 3018&3020 N. Riverside- sill/beach nourishment

1820300007- owner/applicant

Henry S. Branscome II 158 Blowflats Rd.

Williamsburg, VA 23185

Karla S. Havens

Mid-Atlantic Resource Consulting

1095 Cherry owe Lane Plainview, VA 23156

1820300008

Charlie R. & Bonnie Sears 3016 N Riverside Dr. Lanexa, VA 23089-9403

1910200009

Chickahominy Haven Citizen Association

Attn: Mr. George Amony

P.O. Box 106

Toano, VA 23168-0106

1820300005

Virginia C. Linkenauger 3022 N. Riverside Drive Lanexa, VA 23089-9403

1820300002

James J. McGreehan 3017 North Riverside Drive Lanexa, VA 23089-9404

<u>182030000</u>1

Erik S. & Stephanie W. Anderson

3019 N. Riverside Drive Lanexa, VA 23089-9404

1820200054

Virginia Linkenauger 3021 N Riverside Dr. Lanexa, VA 23089-9403

Mark Eversole VMRC 2600 Washington Ave, 3rd Floor Newport News, VA 23607

Dawn Fleming VIMS Wetlands Program P.O. Box 1346 Gloucester Point, VA 23062

VDOT

4451 Ironbound Road Williamsburg, VA 23188

Dept of Game and Inland Fisheries Box 11104 Richmond, VA 23230

State Water Control Board c/o Dept of Environmental Quality P O Box 1105 Richmond, VA 23218

Regulatory Branch Army Corps of Engineers 803 Front Street Norfolk, VA 23510



PUBLIC HEARING NOTICE

THE WETLANDS BOARD AND THE CHESAPEAKE BAY BOARD OF JAMES CITY COUNTY, VIRGINIA WILL HOLD PUBLIC HEARINGS **WEDNESDAY MAY 11, 2016 AT 7 p.m.** IN THE BOARD ROOM OF BUILDING F, 101 MOUNTS BAY ROAD, JAMES CITY COUNTY, VIRGINIA.

THE WETLANDS BOARD WILL CONSIDER THE FOLLOWING CASE:

W-14-16/VMRC 16-0313: Henry S Branscome II has applied for a wetlands permit to construct multiple sills and beach nourishment on his property 3018 & 3020 N Riverside Dr in the Chickahominy Haven subdivision, JCC Parcel Nos 1820300007 & 1820300006.

THE CHESAPEAKE BAY BOARD WILL CONSIDER THE FOLLOWING CASES:

CBE-16-086: Coastal Construction and Development has filed an exception request for encroachment into the RPA buffer for construction of a single family dwelling at 223 Oakmere Park in the Fords Colony subdivision, JCC Parcel No 3233100041.

CBE-16-089: Arthur D Echoles has filed an exception request for encroachment into the RPA buffer for construction of storage shed at 159 Jackson St in the Wallace Woods subdivision, JCC Parcel No 5231000009.

Appeals from decisions under the Chesapeake Bay Preservation Ordinance may also be heard.

All interested parties are invited to attend the meetings. The applications and plans are on file and may be viewed during normal office hours in the Engineering and Resource Protection Division, 101-E Mounts Bay Road, James City County, Virginia.

NOT FOR PUBLICATION

DISPLAY: WEDNESDAY – April 27, and May 4, 2016. ACCOUNT NO.: 0011040200 - VIRGINIA GAZETTE

COPIES: PLANNING

ASSISTANT COUNTY ATTORNEY

WETLAND/CHESAPEAKE BAY BOARD MEMBERS

RESOLUTION

CASE NO. W-14-16/VMRC 16-0313. 3018 and 3020 NORTH RIVERSIDE DRIVE

JAMES CITY COUNTY WETLANDS PERMIT

- WHEREAS, Mr. Henry Branscome II, (the "Applicant") has applied to the Wetlands Board of James City County (the "Board") on May 11, 2016, to request a permit to use and develop in areas designated as wetlands on parcels of property identified as James City County Real Estate Tax Parcel Nos. 1820300006 and 1820300007 and further identified as 3020 and 3018 North Riverside Drive in the Chickahominy River subdivision (the "Property") as set forth in the application W-14-16/VMRC 16-0313; and
- WHEREAS, the Board has listened to the arguments presented and has carefully considered all evidence entered into the record.
- NOW, THEREFORE, BE IT RESOLVED that the Wetlands Board of James City County, Virginia, following a public hearing, by a majority vote of its members FINDS that:
 - 1. The anticipated public and private benefit of the proposed activity in the wetlands exceeds its anticipated public and private detriment.
 - 2. The proposed development conforms to the standards prescribed in Section 28.2-1308 of the Code of Virginia, and the guidelines promulgated pursuant to Section 28.2-1301 of the Code of Virginia.
 - 3. The proposed activity does not violate the purpose and intent of Chapter 22 of the James City County Code or Sections 28.2-1300 et. seq. of the Code of Virginia.
 - 4. In granting this Wetlands Permit, the following conditions are hereby imposed:
 - a. The applicant must obtain all other necessary local, state and/or federal permits required for the project; and
 - b. A pre-construction meeting will be held on-site prior to work commencing; and
 - c. A surety of \$1,500 shall be submitted in a form acceptable to the County Attorney's Office, guaranteeing the Spartina plantings and upland restoration due to construction disturbance. Once the area is stabilized according to the Virginia Erosion and Sediment Control Handbook guidelines, the surety will be released; and
 - d. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, such as a turbidity curtain, for this project if field conditions warrant their use; and
 - e. The Wetlands Permit for this project shall expire on May 11, 2017. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than six weeks prior to the expiration date.

John Hughes	Michael Woolson	
Chair, Wetlands Board	Senior Watershed Planner	
Adopted by the Wetlands Board of James City C	ounty, Virginia, this day of	, 20
THE FORGOING INSTRUMENT WAS ACK	NOWLEDGED BEFORE ME THIS _ ONWEALTH OF VIRGINIA, IN THE	
JAMES CITY.	ONWEALTH OF VINGINIA, IN THE	COUNTY OF
NOTARY PUBLIC		
MY COMMISSION EXPIRES:		

14-16VMRC16-0313NorthRiverside-res