

LETTER OF TRANSMITTAL

AGENCY CLIENT FILE ACCT. CORR. OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
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TO: Maryland Department of the Environment
Water & Science Administration
Regulatory Services Coordination Office
1800 Washington Boulevard
Suite 430
Baltimore, Maryland 21230

DATE: 12/18/25

PROJECT: Aaron M. Holder Property
Situated on Mount Ephraim Road

VMA#: 205914

ENCLOSED:

COPIES	DATE	DESCRIPTION
7	12/16/25	Joint Federal/State Application for the Alteration of Any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland Important Announcement Document and General Checklist
7		Vicinity Map
7	3/26/25	Flooding Soils Evaluation and Wetland Delineation
7		Impact Sheet 1, Aaron M. Holder
7	12/16/25	Combined SWM Concept/Development/Improvement Plan, Driveway Only, Aaron M. Holder Property

REMARKS: Fee as required for the above reference project.

COPIES TO (ADDRESS): Aaron Holder, 20704 Spinning Wheel Place, Germantown, Maryland 20874

SUBMITTED BY: dkv

g/engr/205914 Joint waterway permit submission 12.18.25

JOINT FEDERAL/STATE APPLICATION FOR THE ALTERATION OF ANY FLOODPLAIN, WATERWAY, TIDAL OR NONTIDAL WETLAND IN MARYLAND

FOR AGENCY USE ONLY

Application Number _____	Date Determined Complete _____
Date Received by State _____	Date(s) Returned _____
Date Received by Corps _____	_____
Type of State permit needed _____	Date of Field Review _____
Type of Corps permit needed _____	Agency Performed Field Review _____

- +++++
- Please submit 1 original and 6 copies of this form, required maps and plans to the Wetlands and Waterways Protection Program as noted on the last page of this form.
 - Any application that is not completed in full or is accompanied by poor quality drawings may be considered incomplete and result in a time delay to the applicant.

Please check one of the following:

RESUBMITTAL: _____ APPLICATION AMENDMENT: _____ MODIFICATION TO AN EXISTING PERMIT: _____
 JURISDICTIONAL DETERMINATION ONLY: _____ APPLYING FOR AUTHORIZATION X
 PREVIOUSLY ASSIGNED NUMBER (RESUBMITTALS AND AMENDMENTS) _____

DATE _____

1. APPLICANT INFORMATION:

APPLICANT NAME:

A. Name: AARON M.HOLDER B. Daytime Telephone: 240-625-7223
 C. Company: _____ D. Email Address: amholder@gmail.com
 E. Address: 20704 SPINNING WHEEL PL
 F. City: GERMANTOWN State: MD Zip: 20874

AGENT/ENGINEER INFORMATION:

A. Name: DHAVALKUMAR B PATEL B. Daytime Telephone: 301-829-2890
 C. Company: VANMAR ASSOCIATES D. Email Address: dhaval@vanmar.com
 E. Address: 310 S Main St
 F. City: Mount Airy State: MD Zip: 21771

ENVIRONMENTAL CONSULTANT:

A. Name: _____ B. Daytime Telephone: _____
 C. Company: _____ D. Email Address: _____
 E. Address: _____
 F. City: _____ State: _____ Zip: _____

CONTRACTOR (If known): _____

A. Name: _____ B. Daytime Telephone: _____
 C. Company: _____ D. Email Address: _____
 E. Address: _____
 F. City: _____ State: _____ Zip: _____

PRINCIPAL CONTACT:

A. Name: Dhaval Kumar B Patel B. Daytime Telephone: 301-829-2890
 C. Company: Vanmar Associates D. Email Address: Dhaval@vanmar.com
 E. Address: 310 S Main St
 F. City: Mount Airy State: MD Zip: 21771

2. PROJECT DESCRIPTION

a. GIVE WRITTEN DESCRIPTION OF PROJECT:

Has any portion of the project been completed? Yes No If Yes, explain:

Is this a residential subdivision or commercial development? Yes No

If yes, total number of acres on property _____ acres

Will there be temporary or permanent tree clearing occurring on the overall project site (i.e., uplands and wetlands), including but not limited to, tree clearing for site development, road/highways, utilities, mining, stormwater management, restoration, energy production and transmission, etc.)? Yes No

If yes, total estimated acres of tree clearing for the overall project site: 0.00 acres

Does the application propose temporary fill impacting wetlands or waterways that will remain in place for more than one year? Yes No

b. ACTIVITY: Check all activities that are proposed in the wetland, waterway, floodplain, and nontidal wetland buffer as appropriate.

- A. filling
- B. dredging
- C. excavating
- D. flooding or impounding water
- E. draining
- F. grading
- G. removing or destroying vegetation
- H. building structures

Area for item(s) checked: Wetland 200 (sq. ft.) Buffer (Nontidal Wetland Only) 615 (sq. ft.)
Expanded Buffer (Nontidal Wetland Only) _____ (sq. ft.)

Area of stream impact 0.00 (sq. ft.)

Length of stream affected 0.00 (linear feet)

c. TYPE OF PROJECTS: Project Dimensions

For each activity, give overall length and width (in feet), in columns 1 and 2. For multiple activities, give total area of disturbance in square feet in column 3. For activities in tidal waters, give maximum distance channelward (in feet) in column 4. For dam or small ponds, give average depth (in feet) for the completed project in column 5. Give the volume of fill or dredged material in column 6.

	Length (Ft.) 1	Width (Ft.) 2	Area (Sq. Ft.) 3	Maximum/Average Channelward Encroachment 4	Pond Depth 5	Volume of fill/dredge material (cubic yards) below MHW or OHW 6
A. <input type="checkbox"/> Bulkhead	_____	_____	_____	_____	_____	_____
B. <input type="checkbox"/> Revetment	_____	_____	_____	_____	_____	_____
C. <input type="checkbox"/> Vegetative Stabilization	_____	_____	_____	_____	_____	_____
D. <input type="checkbox"/> Gabions	_____	_____	_____	_____	_____	_____
E. <input type="checkbox"/> Groins	_____	_____	_____	_____	_____	_____
F. <input type="checkbox"/> Jetties	_____	_____	_____	_____	_____	_____
G. <input type="checkbox"/> Boat Ramp	_____	_____	_____	_____	_____	_____
H. <input type="checkbox"/> Pier	_____	_____	_____	_____	_____	_____
I. <input type="checkbox"/> Breakwater	_____	_____	_____	_____	_____	_____
J. <input type="checkbox"/> Repair & Maintenance	_____	_____	_____	_____	_____	_____
K. <input checked="" type="checkbox"/> Road Crossing	<u>78</u>	<u>10</u>	<u>780</u>	_____	_____	_____
L. <input type="checkbox"/> Utility Line	_____	_____	_____	_____	_____	_____
M. <input type="checkbox"/> Outfall Construction	_____	_____	_____	_____	_____	_____
N. <input type="checkbox"/> Small Pond	_____	_____	_____	_____	_____	_____
O. <input type="checkbox"/> Dam	_____	_____	_____	_____	_____	_____
P. <input type="checkbox"/> Lot Fill	_____	_____	_____	_____	_____	_____
Q. <input type="checkbox"/> Building Structures	_____	_____	_____	_____	_____	_____
R. <input type="checkbox"/> Culvert	_____	_____	_____	_____	_____	_____
S. <input type="checkbox"/> Bridge	_____	_____	_____	_____	_____	_____
T. <input type="checkbox"/> Stream Channelization	_____	_____	_____	_____	_____	_____
U. <input type="checkbox"/> Parking Area	_____	_____	_____	_____	_____	_____
V. <input type="checkbox"/> Dredging	_____	_____	_____	_____	_____	_____

W. 6 1. New 2. Maintenance 3. Hydraulic 4. Mechanical
Other (explain) Existing 10' wide Private Driveway

d. **PROJECT PURPOSE:** Give brief written description of the project purpose:

The purpose of the project is to get site under compliance since the owner of the property has constructed the 10 feet wide private driveway and it impacted the Non-Tidel wetland and it's 25' buffer area permanently.

3. **PROJECT LOCATION:** Project is located on Mount Ephraim Road, next to 1721 Mount Ephraim Road property.

a. **LOCATION INFORMATION:**

A. County: FREDERICK B. City: Adamstown C. Name of waterway or closest waterway Bear Branch

D. State stream use class designation: III-P

E. Site Address or Location: _____

Project is located on Mount Ephraim Road, next to 1721 Mount Ephraim Road property.

F. Directions from nearest intersection of two state roads:

2.5 miles South on Park Mill Road from intersection of Fingerboard (MD 80) and Park Mills Road. Take a left on Mt Ephraim Road for 1.55 Miles.

Is your project located in the Chesapeake Bay Critical Area (generally within 1,000 feet of tidal waters or tidal wetlands)?:

 Yes X No

H. County Book Map Coordinates (Alexandria Drafting Co.); Excluding Garrett and Somerset Counties:

Map: 106 Letter: F Number: 8 (to the nearest tenth)

I. FEMA Floodplain Map Panel Number (if known): 24021C0442E

J. 1. 39.280333 latitude 2. -77.400608 longitude

b. **ACTIVITY LOCATION:** Check one or more of the following as appropriate for the type of wetland/waterway where you are proposing an activity:

- | | | |
|---|--|---|
| A. <u> </u> Tidal Waters | F. <u> </u> 100-foot buffer (nontidal wetland of special State concern) | H. <u> </u> 100-year floodplain (outside stream channel) |
| B. <u> </u> Tidal Wetlands | G. <u> </u> In stream channel | I. <u> </u> River, lake, pond |
| C. <u> </u> Special Aquatic Site (e.g., mudflat, vegetated shallows) | 1. <u> </u> Tidal 2. <u> </u> Nontidal | J. <u> </u> Other (Explain) |
| D. <u> X </u> Nontidal Wetland | | |
| E. <u> X </u> 25-foot buffer (nontidal wetlands only) | | |

c. **LAND USE:**

A. Current Use of Parcel Is: 1. Agriculture: Has SCS designated project site as a prior converted cropland? Yes X No

2. X Wooded 3. Marsh/Swamp 4. Developed

5. Other: There is 10 feet gravel driveway on this site.

B. Present Zoning Is: 1. Residential 2. Commercial/Industrial 3. Agriculture 4. Marina 5. X Other

C. Project complies with current zoning X Yes No
RC-
Resources
Conservation

THE FOLLOWING INFORMATION IS REQUIRED BY THE STATE (blocks 4-7):

4. **REDUCTION OF IMPACTS:** Explain measures taken or considered to avoid or minimize wetland losses in F. Also check Items A-E if any of these apply to your project.

- | | | |
|---|---|-------------------------------------|
| A. <u> X </u> Reduced the area of disturbance | B. <u> X </u> Reduced size/scope of project | C. <u> </u> Relocated structures |
| | | D. <u> </u> Redesigned project |

E. X Other we redesigned the storm water management disturbance and deleted the grass shoulder disturbance within wetland and it's buffer area.

F. Explanation

Describe reasons why impacts were not avoided or reduced in Q. Also check Items G-P that apply to your project.

- | | | |
|---|---|---|
| G. <input type="checkbox"/> Cost | K. <input checked="" type="checkbox"/> Parcel size | N. <input type="checkbox"/> Safety/public welfare issue |
| H. <input type="checkbox"/> Extensive wetlands on site | L. <input type="checkbox"/> Other regulatory requirement | O. <input type="checkbox"/> Inadequate zoning |
| I. <input checked="" type="checkbox"/> Engineering/design constraints | M. <input type="checkbox"/> Failure to accomplish project purpose | P. <input type="checkbox"/> Other |
| J. <input type="checkbox"/> Other natural features | | |

Q. Description _____

The parcel and site layout are such that this location is the only feasible area where a driveway can be constructed to provide access to the property.

5. **LETTER OF AUTHORIZATION:** If you are applying for a letter of authorization for activities in nontidal wetlands and/or their buffers, explain why the project qualifies:

- | | |
|--|--|
| A. <input checked="" type="checkbox"/> No significant plant or wildlife value and wetland impact | B. <input type="checkbox"/> Repair existing structure/fill |
| 1. <input type="checkbox"/> Less than 5,000 square feet | C. <input type="checkbox"/> Mitigation Project |
| 2. <input type="checkbox"/> In an isolated nontidal wetland less than 1 acre in size | D. <input type="checkbox"/> Utility Line |
| E. Other (explain) | 1. <input type="checkbox"/> Overhead |
| | 2. <input type="checkbox"/> Underground |
| F. <input type="checkbox"/> Check here if you are not applying for a letter of authorization. | |

IF YOU ARE APPLYING FOR A LETTER OF AUTHORIZATION, PROCEED TO BLOCK 10

6. **ALTERNATIVE SITE ANALYSIS:** Explain why other sites that were considered for this project were rejected in M. Also check any items in D-L if they apply to your project. (If you are applying for a letter of authorization, do not complete this block.)

- | | | |
|------------------------------------|---|---|
| A. <input type="checkbox"/> 1 site | B. <input type="checkbox"/> 2 - 4 sites | C. <input type="checkbox"/> 5 or more sites |
|------------------------------------|---|---|

Alternative sites were rejected/not considered for the following reason(s):

- | | | |
|---|--|-----------------------------------|
| D. <input type="checkbox"/> Cost | H. <input type="checkbox"/> Greater wetlands impact | L. <input type="checkbox"/> Other |
| E. <input type="checkbox"/> Lack of availability | I. <input type="checkbox"/> Water dependency | |
| F. <input type="checkbox"/> Failure to meet project purpose | J. <input type="checkbox"/> Inadequate zoning | |
| G. <input type="checkbox"/> Located outside general/market area | K. <input type="checkbox"/> Engineering/design constraints | |

M. Explanation:

7. **PUBLIC NEED:** Describe the public need or benefits that the project will provide in F. Also check Items in A-E that apply to your project. (If you are applying for a letter of exemption, do not complete this block.)

- | | | |
|--------------------------------------|--|---|
| A. <input type="checkbox"/> Economic | C. <input type="checkbox"/> Health/welfare | E. <input type="checkbox"/> Other _____ |
| B. <input type="checkbox"/> Safety | D. <input type="checkbox"/> Does not provide public benefits | |

F. Description _____

8. MITIGATION PLAN: Please provide the following information. (If you are applying for a letter of authorization outside of the Critical Area, do not complete this block.)

a. Description of a monetary compensation proposal, if applicable (for state requirements only). Attach another sheet if necessary.

b. Give a brief description of the proposed mitigation project.

c. Describe why you selected your proposed mitigation site, including what other areas were considered and why they were rejected.

d. Describe how the mitigation site will be protected in the future.

9. HAVE ADJACENT PROPERTY OWNERS BEEN NOTIFIED? A. _____ Yes B. _____ No Provide names and mailing addresses below (Use separate sheet, if necessary). (If you are applying for a letter of exemption, do not complete this block.)

a. _____ b. _____ c. _____

10. OTHER APPROVALS NEEDED/GRANTED:

A. a. Agency	b. Date Sought	c. Decision		d. Decision Date	e. Other Status
		1. Granted	2. Denied		
_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	

B. FEDERALLY AUTHORIZED CIVIL WORKS PROJECTS: Does the project require permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers' federally authorized civil works project, structure, property, or easement (e.g., federal navigation channel, flood control levees, dams and reservoirs, lake property, etc.)?

_____ Yes No

If yes, have you submitted a written request for Section 408 permission from the Corps district having jurisdiction over that project (i.e., Baltimore district in Maryland or Philadelphia district in C & D canal)? _____ Yes _____ No

If yes, please provide the date your request was submitted to the Corps district: _____ Version - 11/2025

C. EXISTING CORPS, MDE, OR ENVIRONMENTAL PROTECTION AGENCY SITE PROTECTION INSTRUMENTS: Is the proposed work located in an area encumbered by an existing site protection instrument such as a conservation easement, deed restriction, or declaration of restrictive covenants required as a condition of a prior U.S. Army Corps of Engineers', Maryland Department of the Environment, or Environmental Protection Agency authorization? _____ Yes X No

11. **HISTORIC PROPERTIES:** Is your project located in the vicinity of historic properties? (For example: structures over 50 years old, archeological sites, shell mounds, Indian or Colonial artifacts). Provide any supplemental information in Section 12.

A. _____ Yes B. X No C. _____ Unknown

12. **ADDITIONAL INFORMATION:** Use this space for detailed responses to any of the previous items. Attach another sheet if necessary:

Collin Bucher from MDE has visited the site on December 12, 2025 for compliance check and He has suggested that site has restored the disturbed wetland area and removed all gravel, boulder and woody debris out from wetland area. The super silt fence has been installed along the down slope perimeter of the driveway to protect the wetland and its buffer.

Check box if data is enclosed for any one or more of the following (see checklist for required information):

A. _____ Soil borings

B. X Wetland data sheets

C. _____ Photographs

D. X Field surveys

E. _____ Alternate site analysis

F. _____ Market analysis

G. X Site plan

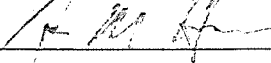
H. _____ Avoidance and minimization analysis

I. X Other (explain)

MDE Report

CERTIFICATION:

Application is hereby made for a permit or permits to authorize the work described in this application. I hereby designate and authorize the agent named above to act on my behalf in the processing of this application and to furnish any information that is requested. I certify that the information on this application form and on the attached plans and specifications is true and accurate to the best of my knowledge and belief. I understand that any of the agencies involved in authorizing the proposed works may request information in addition to that set forth herein as may be deemed appropriate in considering this proposal. I certify that all wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and all streams have been identified and delineated on site, and that all jurisdictional wetlands have been delineated in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual and appropriate regional supplement(s). I grant permission to the agencies responsible for authorization of this work, or their duly authorized representative, to enter the project site for inspection purposes during working hours. I will abide by the conditions of all permit(s) or license(s) if issued and will not begin work without the appropriate authorization. I also certify that the proposed works are consistent with Maryland's Coastal Zone Management Plan. All information, including permit applications and related materials, submitted to MDE may be subject to public disclosure consistent with the Maryland Public Information Act, §4-101 et seq., General Provisions Article of the Maryland Code and the Freedom of Information Act, 5 USC Section 552 et seq. Pursuant to Clean Water Act Section 404(o), 33 USC 1344 (o), permit applications and permits will be available to the public. I understand that I may request that additional required information be considered confidential under applicable laws. I further understand that failure of the landowner to sign the application will result in the application being deemed incomplete.

LANDOWNER MUST SIGN:  DATE: 12.16.2025

PRINTED NAME OF LANDOWNER Aaron M Holder

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers, 33 CFR 320-332. **Principal Purpose:** Information provided on this JPA will be used in evaluating the application for a permit. **Routine Uses:** This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice. Submission of requested information is voluntary, however, if information is not provided, the permit application cannot be evaluated nor can a permit be issued.

State Authorities: Nontidal Wetlands Protection Act, Md. Ann. Code, Envir., Title 5, Subtitle 9; Waterway Construction, Md. Ann. Code, Envir., Title 5, Subtitle 5; Tidal Wetlands Act, Md. Ann. Code, Envir., Title 16.

BEST MANAGEMENT PRACTICES VERIFICATION: I verify that my project will meet all Endangered Species Act Best Management Practices and Time of Year Restriction applicable to work in tidal waters and wetlands as required by the MDSPGP (see Section VII, General Conditions #14-15).

Yes No Unknown

Refer to the application instructions and the MDSPGP for additional information regarding these Best Management Practices.

I am the property owner/applicant and do not want to be contacted by MDE. All correspondence should occur with my authorized agent /principal contact designated in Section 3, located on the 1st page of this application. (By initializing the box, you are acknowledging that you will not receive any correspondence directly from MDE). I understand a copy of MDE's final decision regarding this application will be sent to me. This opt-out option does not apply to the U.S. Army Corps' correspondence, which will continue to be with the applicant/permittee.

IMPORTANT ANNOUNCEMENT

New Questions on the Joint Application Form

Wetlands and Waterways Protection Program

Water and Science Administration
Maryland Department of the Environment
U.S. Army Corps of Engineers

Effective January 2021, two questions have been added to the application form and a fillable PDF application form has been created.

How Can an Applicant Ensure an Expedited Review Process?

Applicants are advised to obtain information and guidance by calling 410-537-3745 or 800-633-6101. Another option is to schedule a pre-application meeting by filling out the Pre-Application Meeting Request Form available at the following web address:

<https://mde.maryland.gov/programs/Water/WetlandsandWaterways/Pages/PreApplicationIntroduction.aspx>

In addition to providing the information requested in the application, be sure to include all of the information discussed during the telephone call or at the pre-application meeting. It is advisable to delay submitting an application until all of the required information can be provided. Additional information is available on the Program's website:

<http://mde.maryland.gov/programs/Water/WetlandsandWaterways/Pages/index.aspx>

Instructions for the JOINT FEDERAL/STATE APPLICATION FOR THE ALTERATION OF ANY FLOODPLAIN, WATERWAY, TIDAL OR NONTIDAL WETLAND IN MARYLAND

Please refer to the following question, located on the application under (2) Project Description, (a) Give written description of project:

Will there be temporary or permanent tree clearing occurring on the overall project site (i.e., uplands and wetlands), including but not limited to, tree clearing for site development, road/highways, utilities, mining, stormwater management, restoration, energy production and transmission, etc.? _____ Yes No

If yes, total estimated acres of tree clearing for the overall project site:
0.00 acres

Instructions: Please indicate "Yes" or "No" if temporary or permanent tree clearing is proposed on the overall project site (i.e., uplands and wetlands). Tree clearing may be proposed as part of the overall project construction activities, including but not limited to site development, construction of roads or highways, stormwater management facilities and best management practices, aquatic resource restoration and enhancement, energy production

activities and installation of utilities. If you checked "Yes" that permanent or temporary tree clearing is proposed as part of the overall project scope, please fill in the blank and identify the total estimated acres of tree clearing for the overall project site, including upland and wetland areas. If you need further clarification, please contact the Army Corps of Engineers at 410-962-3670.

Effective January 2021, *new* questions below have been added to the application.

1) "#10.B. FEDERALLY AUTHORIZED CIVIL WORKS PROJECTS: The U.S. Army Corps of Engineers has constructed many Civil Works projects across the Nation's landscape, including but not limited to, dams, levees, navigation projects, jetties, dams and reservoirs, and floodwalls. A separate review is required pursuant to 33 USC 408 (Section 408) when work will temporarily or permanently modify, alter, occupy, or use any Corps federally authorized civil works project. For many, but not all USACE projects, additional information is publicly available at:

Federal Navigation Channels:

<https://www.nab.usace.army.mil/Missions/Civil-Works/Nav-Maps/>

Levee Database: <https://levees.sec.usace.army.mil>

Corps Lakes: <https://www.nab.usace.army.mil/Missions/Dams-Recreation/>

National Inventory of Dams: <https://nid.usace.army.mil/#/>

Note: These sources currently do not contain all USACE projects located in the Baltimore District.

Please indicate whether your activity will alter or temporarily or permanently occupy or use a Corps federally authorized civil works project, structure, property, or easement by checking the "Yes" or "No" box in Block 10.B.

If you check "Yes", please indicate whether a written Section 408 request has been submitted by checking the second "Yes" or "No" box.

If you check "Yes", please indicate the date the written request for Section 408 permission from the Corps district having jurisdiction over that project was submitted.

2) BEST MANAGEMENT PRACTICES VERIFICATION: "Please indicate whether you have designed and will construct your project to meet these Endangered Species Act Best Management Practices by checking the "Yes", "No", or "Unknown" box.

If you check No or Unknown, review under MDSPGP Category B or alternate permit process is required.

The following Endangered Species Act Best Management Practices and Time-of-Year Restriction are applicable to projects within tidal waters and tidal wetlands under the MDSPGP (Refer below and to the MDSPGP- Section VII, General Conditions #14 - 15, for additional information regarding these Best Management Practices and Time-of-Year Restrictions).

Best Management Practices Applicable to Category A and Category B Activities within Tidal Waters and Wetlands:

i. **Pile Driving for Category A Activities:** All Category A activities must meet one of the following conditions:

(1) Plastic or concrete piles must be less than 12 inches in diameter when a cushioned hammer or vibratory hammer is utilized for installation.

(2) Timber piles must be 12 inches or less in diameter when a vibratory hammer is utilized for installation.

(3) Vinyl or timber sheet piles must be 24 inches or less in width, as measured from the outer edge of corrugation to the inner edge of corrugation, when a cushioned impact hammer or vibratory hammer is used.

(4) Pile driving activities must be located within freshwater tributaries or within tidal or nontidal wetlands.

(5) Piles of any size/type with any hammer method must be installed behind diversion structures or in the dry when the tide is out in the intertidal zone.

(6) Piles of any size/type with any hammer method must be installed between November 30 and March 15.

(Note: Any pile driving activity that does not meet one of the conditions above must be reviewed by the Corps as a Category B activity or an alternate Corps permit review process, as appropriate.

ii. **Pile Driving for Category A and Category B Activities:** For Category A and Category B activities, pile driving must be initiated with a soft start each day of pile driving, building up power slowly from a low energy start-up over a 20 minute period to allow for fish and other wildlife to leave the area.

iii. **Sediment Disturbing Activities Time-of-Year Restriction for Category A and Category B Activities:** Sediment disturbing activities, which includes pile driving activities, are prohibited during the period April 1 through June 30 within all tidal waters of the Chesapeake Bay in Maryland and its tidal tributaries with salinity levels <6 parts per thousand for the protection of shortnose sturgeon during early life stages in these waters (See Appendix B: Low Salinity Waters in Maryland Chesapeake Bay Map).

Sample Plans and Checklists

Sample Plans and Checklists are provided at the end of this document. Please refer to the sample plans, as appropriate. Please include the information shown on the sample plan on your proposed plan.

Clearly show locations of impacts, on the plans.

Itemize each impact site with area of wetland or buffer impact, linear feet of stream and area of stream, cubic yards of floodplain disturbance.

Indicate whether the impact is temporary or permanent.

Permanent Impacts: Permanent impacts are those that result in a change to a wetland, wetland buffer, water, or floodplain that will not be reversed or removed.

Temporary impacts: Temporary impacts are those that are of short duration, and after the activity is completed, result in a restoration of the disturbed wetland, water, wetland buffer, or floodplain to its previous condition.



Maryland
Department of
the Environment

Wetlands and Waterways Protection Program
Tidal Wetland Division
General Checklist

Please refer to the project specific guidelines available in the **INSTRUCTION BOOKLET for the Abbreviated Joint Federal/State Application for the Alteration of any Tidal Wetland and/or Tidal Waters in Maryland** and the **SAMPLE ACTIVITY GUIDELINES AND DRAWINGS** booklet. Detailed checklist and plan requirements for project specific activities can be found in both.

Minimum Guidelines:

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided. Plans should be legible and not cluttered; proposed plan sheets should contain a written or visual scale no smaller than 1" = 50' (Use match lines if the entire project site cannot fit on one sheet at this scale); existing plan sheets should contain a written or visual scale no smaller than 1" = 100' (Use match lines if the entire project site cannot fit on one sheet at this scale)
- All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Dimensions of all proposed structures must be represented.
- ALL plan view sheets should include Mean High Water Line (MHWL) and Mean Low Water Line (MLWL; referenced to 0.0 feet). *If a project proposes to alter the MHWL and/or MLWL during construction then they should be depicted and labeled.*
- Plan views should include water depths marked as either contours or spot depths that extend across the width of the waterway.
- Plan views should include the maximum channelward extent beyond mean high water of all proposed structures and impacts.
- Plan views should include the distance across the waterway, perpendicular to the proposed worksite, to the opposite shoreline and maximum fetch for the project worksite; *include multiple bearings and/or summer-winter wind direction if possible.*
- Dredge material management plan (for dredging projects only) including type of dredging, location of dredged material placement site, handling and transport method for dredge material, the dimensions and detailed design of the proposed dredged material placement site including a plan and cross-sections drawing of dewatering area (if proposed), maximum volume of dredged material, and an acceptance letter from the operator of the dredged material placement site.

Wetlands and Waterways Protection Program: Checklist for Floodplain, Waterway or Nontidal Wetland Applications

- Processing Fee Enclosed
- Exempt from Processing Fee

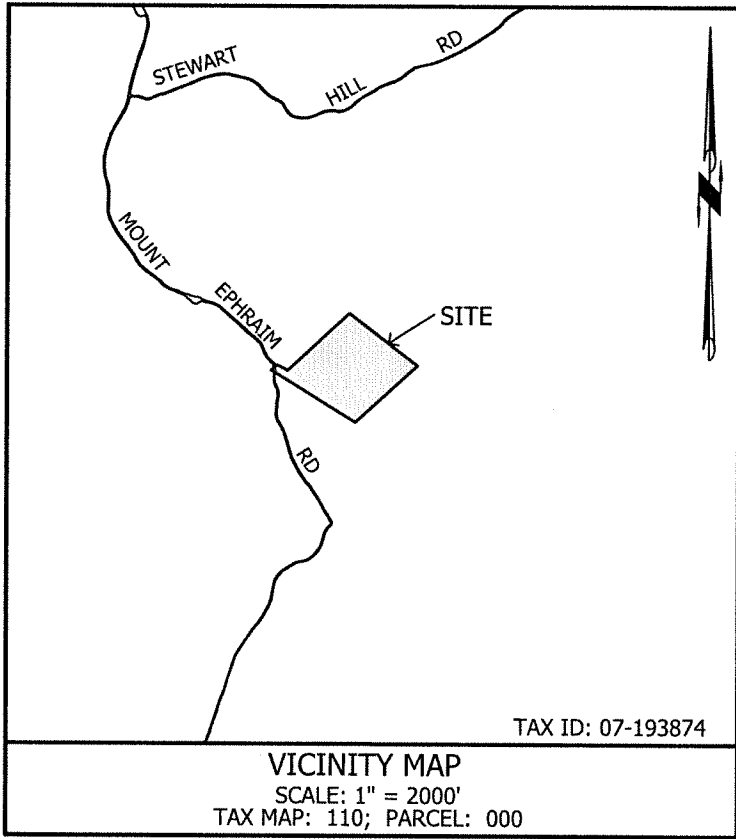
- Applicant's name, mailing address, telephone number, email address and fax number
- Authorized agent's (or primary contact and other contact) names, mailing addresses, telephone numbers, email addresses and fax numbers
- Any existing authorization numbers or previously assigned numbers
- General description of project purpose and proposed activity.
- The name of the city or town, waterbody, and county where the project is located
- Clear directions to project site
- Latitude and longitude from a central location within the project limits

- Wetland, Waterway/Stream, Buffer, Floodplain Description
- Itemized calculation of all permanent and temporary wetland, stream, buffer, floodplain impacts
- A delineation report of the area of all wetlands and buffers on the site and associated wetland data sheets. The report map should include the location of all streams, 100-year floodplains, open water and other surface waters on the site the limits of Chesapeake Bay Resource Protection Areas (RPAs), Wetland types should be noted according to their Cowardin (USFWS-National Wetlands Inventory) classification or similar terminology.

- Description of How Impacts were Avoided or Reduced
- Mitigation Proposal, if applicable

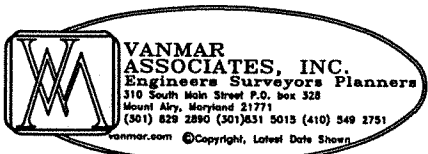
Plans

- A detailed vicinity map of the project area, including the project boundary. The map should identify the project site, property boundaries, and adjacent property owners
- Plans showing distance of all proposed structures to all contiguous property lines and any appropriate County or State property line building restriction setbacks, right-of-ways and/or easements
- A plan view depicting existing and proposed conditions and structures. All plan view sketches should include, but are not limited to: north arrow; existing and proposed contours and/or grades; limit of surface water areas; ebb and flow direction of all water bodies (e.g., streams, tidal waters); applicant name and address; all horizontal dimensions of all proposed structures and impacts, existing conditions of the project site which includes all existing structures at or near the project site including neighbors; existing areas of wetland vegetation or mapped wetlands and buffers; the project boundary and a boundary demarcating the limits of disturbance. A section view showing existing and proposed conditions and structures.
- A description of construction access and methodology and a proposed construction schedule, with an estimated completion date
- Description of stabilization for temporary impacts
- ALL Non-Tidal Projects:** Large-sized impacts map (at a scale no smaller than 1" = 200'); use match lines if the entire site cannot fit on one sheet at this scale



VICINITY MAP
AARON M. HOLDER

LIBER 2642 AT FOLIO 186
 LIBER 13630 AT FOLIO 193
 SITUATED ON MOUNT EPHRAIM ROAD
 URBANA ELECTION DISTRICT NO. 07
 FREDERICK COUNTY, MARYLAND
 SCALE: 1" = 100' OCTOBER, 2024



March 26, 2025

Aaron Holder
20704 Spinning Wheel Place
Germantown, MD 20874

Re: Mount Ephraim Road Property
Frederick County, MD
Tax ID 07-193874

Subject: Flooding Soils Evaluation and Wetland Delineation

Dear Mr. Holder:

Acorn Environmental, Inc. completed a field investigation on March 7, 2025 to identify and delineate flooding soils and/or wetlands in the area of a recently constructed gravel driveway on the subject property. The Frederick County Soils Atlas indicates that a portion of the driveway is located within "flooding soils", as defined in Chapter 1-19-9 of the County Code. The Frederick County Floodplain District includes streams, FEMA floodplains, flooding soils, wetlands, and associated setbacks.

Potential wetland areas were evaluated in accordance with the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (Version 2.0). A forested wetland was identified on the property in the area where the gravel driveway meets Mt. Ephraim Road. The limit of disturbance (silt fence) for the driveway stops at a culvert that provides drainage under Mt. Ephraim Road.

It is likely that a small section of the driveway was built in wetlands; however, a soil test pit was not excavated in the driveway to confirm if the soils under the gravel were hydric (i.e., wetland). The boundary of the wetland was delineated with pink flagging for future survey by others. See attached map for approximate location of the wetland and the regulated area that was disturbed.

Site Description

The project area is located within the Lower Monocacy River watershed (HUC 02140302) and is drained by Bear Branch. The watershed for Bear Branch is designated as Class III-P, which includes Native Trout Waters and Public Water Supply. Forested wetlands are mapped in the riparian area of Bear Branch (Exhibit 1). A groundwater seep emerges from a rock outcrop on the adjacent property and drains to Bear Creek through a culvert under Mt. Ephraim Road. The groundwater seep is the hydrologic source for the forested wetlands on the property. Photographs of the property are attached.

Soils in the project area include the following mapping units (Exhibit 2):

- HdA – Hatboro-Codorus silt loams, 0 to 3 percent slopes
- MnB – Mt. Zion-Rohrersville complex, 3 to 8 percent slopes
- SuF – Stumptown-Bagtown-Rock outcrop complex, 25 to 65 percent slopes


Hatboro and Codorus soils are associated with floodplains, and Hatboro is classified as a hydric (wetland) soil. The observed soils more closely resemble Lantz silt loam, a hydric soil that is subject to ponding. Lantz soils are very poorly drained and have a water table within 6 inches of the surface for long duration. The soils meet Hydric Soil Field Indicator F3 (depleted matrix), as described on the attached wetland data form.

One wetland area was delineated in the project area as shown on Exhibit 3. Dominant vegetation includes yellow birch (FAC), red maple (FAC), American beech (FACU), skunk cabbage (OBL) and common greenbrier (FAC).

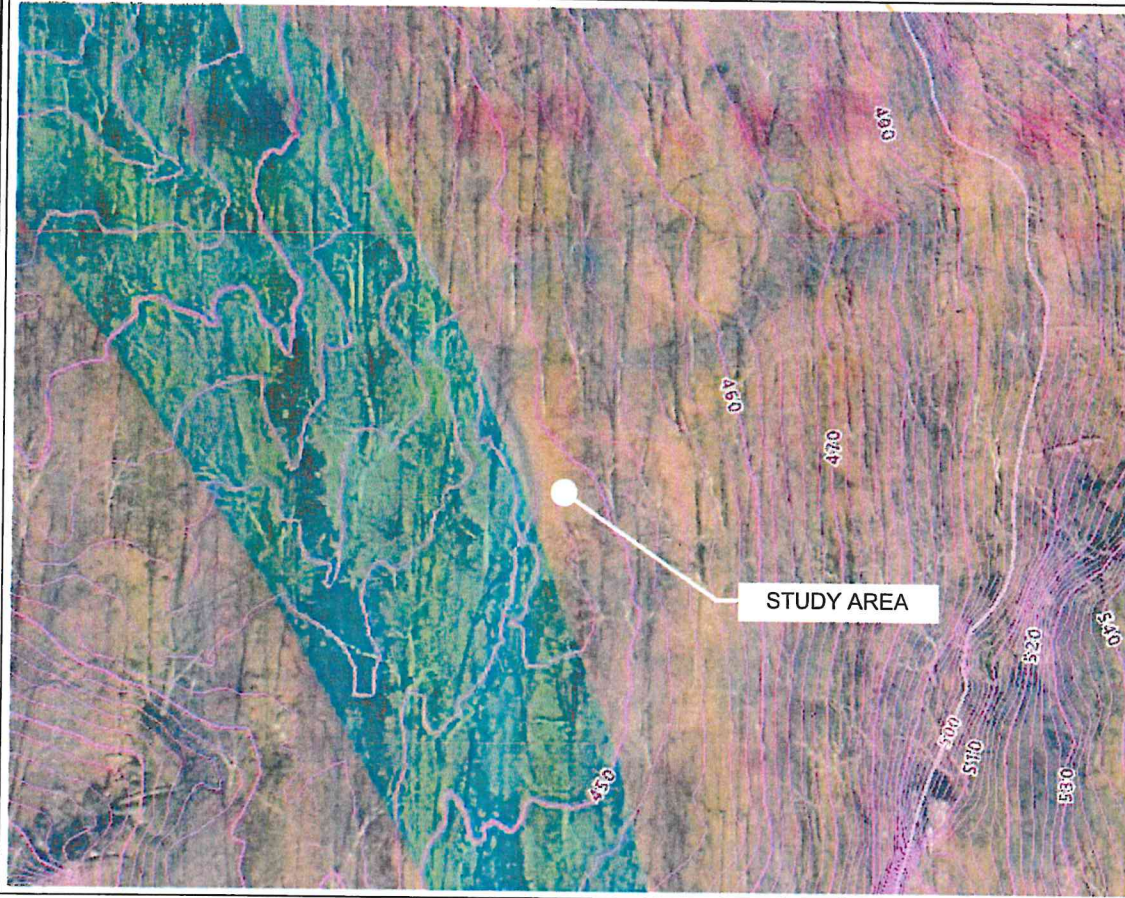
We estimate that approximately 250 square feet of wetlands have been filled and 696 square feet of the 25-foot buffer have been cleared, subject to a survey of the wetland boundary flags. An "after the fact" permit will be needed from the Maryland Department of the Environment and the Frederick County Department of Permits and Inspections.

If you have any questions concerning this report, please feel free to contact me at 410-274-0622.

Sincerely,
Acorn Environmental, Inc.



Gary J. Jellick, President
Certified Professional Soil Scientist
SSSA #1717



- Wetlands (DNR)
- Wetlands (NWI)**
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Other
 - Riverine
- Frederick County Boundary
- Surrounding Counties**
 - Maryland
 - <all other values>

100.2 0 50.08 100.2 Feet

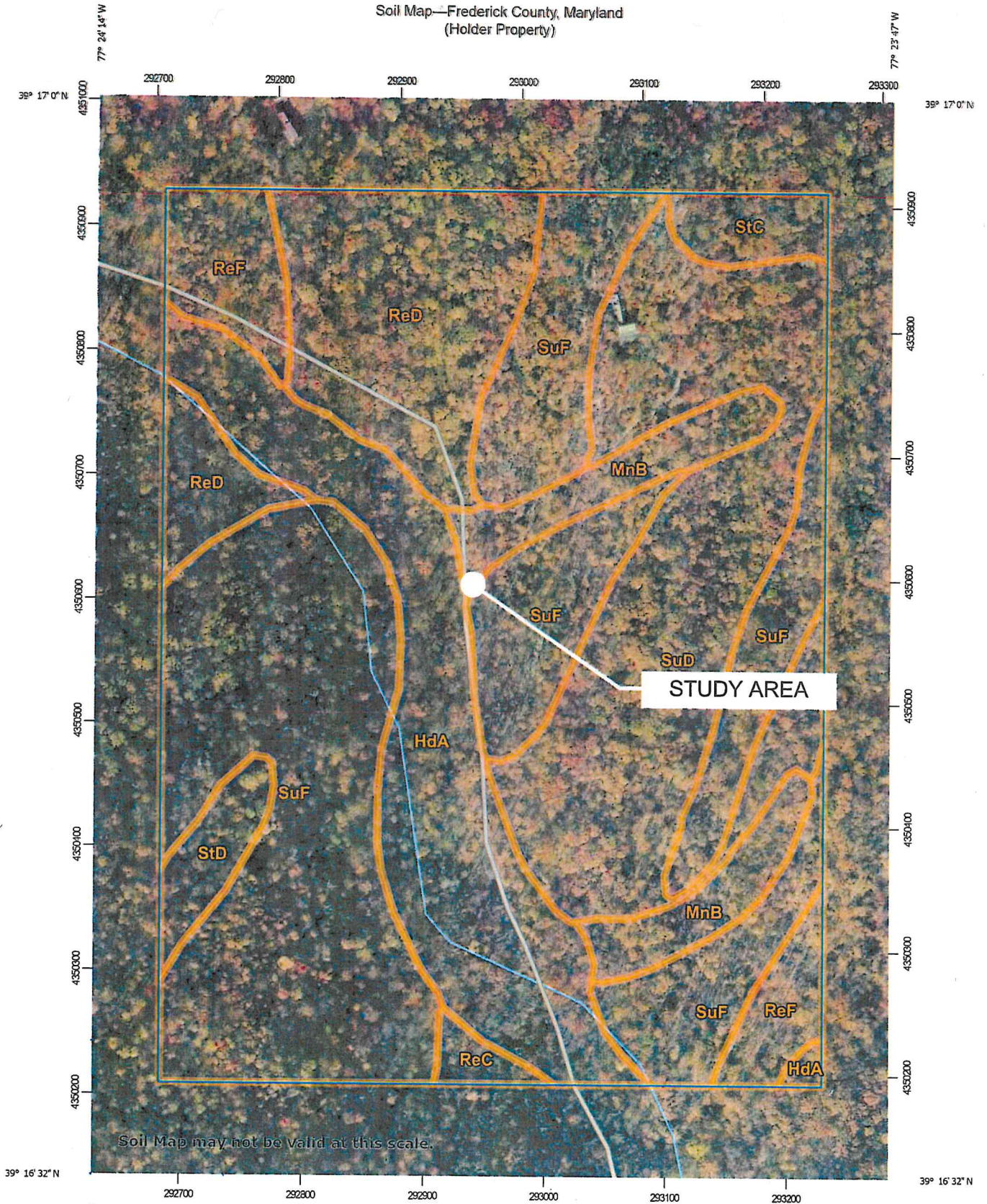
1: 601



NAD_1983_StatePlane_Maryland_FIPS_1900_Feet

While efforts have been made to ensure the accuracy of this map, Frederick County accepts no liability or responsibility for errors, omissions, or positional inaccuracies in the content of this map. Reliance on this map is at the risk of the user. This map is for illustration purposes only and should not be used for surveying, engineering, or site-specific analysis.

Soil Map—Frederick County, Maryland
(Holder Property)



Soil Map may not be valid at this scale.

Map Scale: 1:4,230 If printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

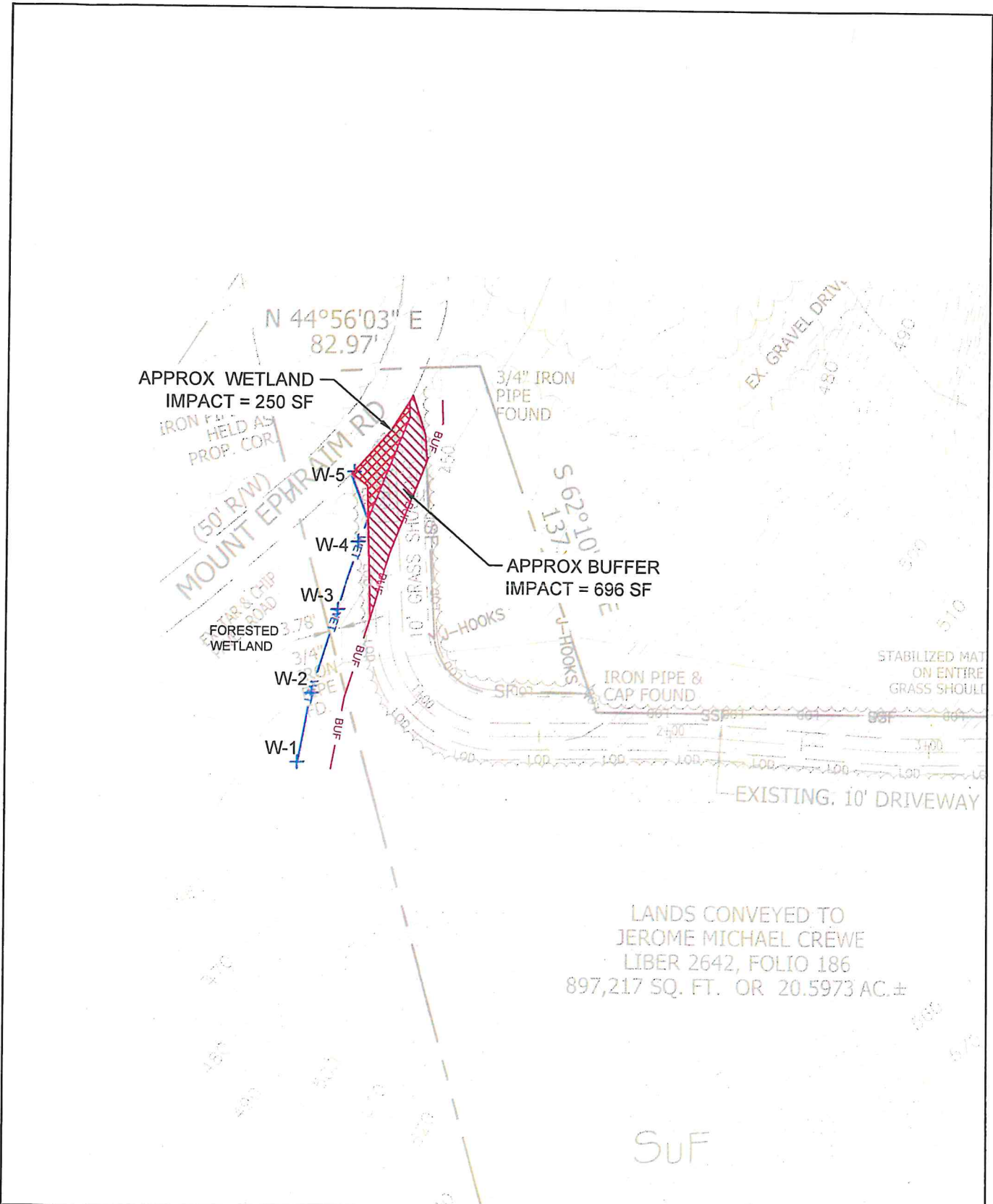



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

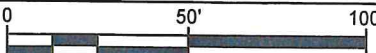
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HdA	Hatboro-Codorus silt loams, 0 to 3 percent slopes	14.6	15.0%
MnB	Mt. Zion-Rohrersville complex, 3 to 8 percent slopes	5.2	5.3%
ReC	Ravenrock-Highfield-Rock outcrop complex, 8 to 15 percent slopes	0.7	0.7%
ReD	Ravenrock-Highfield-Rock outcrop complex, 15 to 25 percent slopes	12.0	12.3%
ReF	Ravenrock-Highfield-Rock outcrop complex, 25 to 65 percent slopes	4.7	4.8%
StC	Stumptown-Rock outcrop complex, 8 to 15 percent slopes	1.7	1.8%
StD	Stumptown-Rock outcrop complex, 15 to 25 percent slopes	1.8	1.9%
SuD	Stumptown-Bagtown-Rock outcrop complex, 15 to 25 percent slopes	20.0	20.5%
SuF	Stumptown-Bagtown-Rock outcrop complex, 25 to 65 percent slopes	36.8	37.8%
Totals for Area of Interest		97.4	100.0%



ACORN ENVIRONMENTAL, INC.

 708 Laurel Lane
 Severna Park, MD 21146
 410-274-0622

HOLDER PROPERTY
WETLAND DELINEATION
 SITUATED ON MT. EPHRAIM ROAD
 FREDERICK COUNTY, MARYLAND
 TAX ID: 07-193874

EXHIBIT 3
 DATE: MARCH 7, 2025


WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: MT EPHRAIM RD DRIVEWAY City/County: FREDERICK CO. Sampling Date: 3-7-25
 Applicant/Owner: ARON BOGOT State: MD Sampling Point: DPI
 Investigator(s): G JELINEK Section, Township, Range: TAX ID 07-19274
 Landform (hillslope, terrace, etc.): HILL SLOPE Local relief (concave, convex, none): CONCAVE Slope (%): 5
 Subregion (LRR or MLRA): LR 5 Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: HATBOD NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____ Hydric Soil Present? Yes <input checked="" type="checkbox"/> No _____ Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No _____
Remarks: <u>SAMPLE POINT IS ADJACENT TO NEW GRAVEL DRIVE ON SOUTH SIDE, CONSTRUCTION APPEARS TO HAVE DISTURBED WETLANDS ASSOCIATED WITH GROUND WATER SEEP THAT ORIGINATES ON ADJACENT PROPERTY</u>	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) _____ <input checked="" type="checkbox"/> High Water Table (A2) _____ <input checked="" type="checkbox"/> Saturation (A3) _____ _____ Water Marks (B1) _____ _____ Sediment Deposits (B2) _____ _____ Drift Deposits (B3) _____ _____ Algal Mat or Crust (B4) _____ _____ Iron Deposits (B5) _____ _____ Inundation Visible on Aerial Imagery (B7) _____ _____ Water-Stained Leaves (B9) _____ _____ Aquatic Fauna (B13) _____	<u>Secondary Indicators (minimum of two required)</u> _____ Surface Soil Cracks (B6) _____ Sparsely Vegetated Concave Surface (B8) _____ Drainage Patterns (B10) _____ Moss Trim Lines (B16) _____ Dry-Season Water Table (C2) _____ Crayfish Burrows (C8) _____ Saturation Visible on Aerial Imagery (C9) _____ Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) _____ Shallow Aquitard (D3) _____ Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-Neutral Test (D5)
---	--

Field Observations: Surface Water Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): <u>6"</u> Saturation Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): <u>0"</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____
---	---

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Five Strata) – Use scientific names of plants.

Sampling Point: 1

Tree Stratum (Plot size: 30x30)

	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>BETULA ALLEGHANIENSIS</u>	<u>30</u>	<u>X</u>	<u>FAC</u>
2. <u>ACER RUBRUM</u>	<u>30</u>	<u>X</u>	<u>FAC</u>
3. <u>FAGUS GRANDIFOLIA</u>	<u>25</u>	<u>X</u>	<u>FACU</u>
4. _____			
5. _____			
6. _____			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 9 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Sapling Stratum (Plot size: 30x30)

85 = Total Cover
50% of total cover: 42 20% of total cover: 17

	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>ACER RUBRUM</u>	<u>20</u>	<u>X</u>	<u>FAC</u>
2. <u>FAGUS GRANDIFOLIA</u>	<u>20</u>	<u>X</u>	<u>FACU</u>
3. <u>BETULA ALLEGHANIENSIS</u>	<u>10</u>	<u>X</u>	<u>FAC</u>
4. _____			
5. _____			
6. _____			

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Shrub Stratum (Plot size: _____)

50 = Total Cover
50% of total cover: 25 20% of total cover: 10

	Absolute % Cover	Dominant Species?	Indicator Status
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			

Hydrophytic Vegetation Indicators:

1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

3 - Prevalence Index is ≤3.0¹

4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

 Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Herb Stratum (Plot size: 15x15)

50% of total cover: _____ 20% of total cover: _____

	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>SYMPLOCARPUS FOETIDUS</u>	<u>25</u>	<u>X</u>	<u>OBL</u>
2. <u>DRYOPTERIS MARGINALIS</u>	<u>10</u>	<u>X</u>	<u>FACU</u>
3. <u>SMILAX ROTUNDIFOLIA</u>	<u>10</u>	<u>X</u>	<u>FAC</u>
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			

Definitions of Five Vegetation Strata:

Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vine – All woody vines, regardless of height.

Woody Vine Stratum (Plot size: _____)

45 = Total Cover
50% of total cover: 23 20% of total cover: 9

	Absolute % Cover	Dominant Species?	Indicator Status
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			

Hydrophytic Vegetation Present? Yes No _____

Remarks: (Include photo numbers here or on a separate sheet.)
SEE ATTACHED PHOTOS

SOIL

Sampling Point: 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-3	7.5YR 4/2		—		—		S1	
3-5	5YR 5/2		—		—		L	
5-8	10YR 5/2		5YR 4/4	10%	C	M	L	
8-16	10YR 5/1		5YR 4/4	20%	C	M	CSL	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

Indicators for Problematic Hydric Soils³:

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147, 148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147, 148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

South View



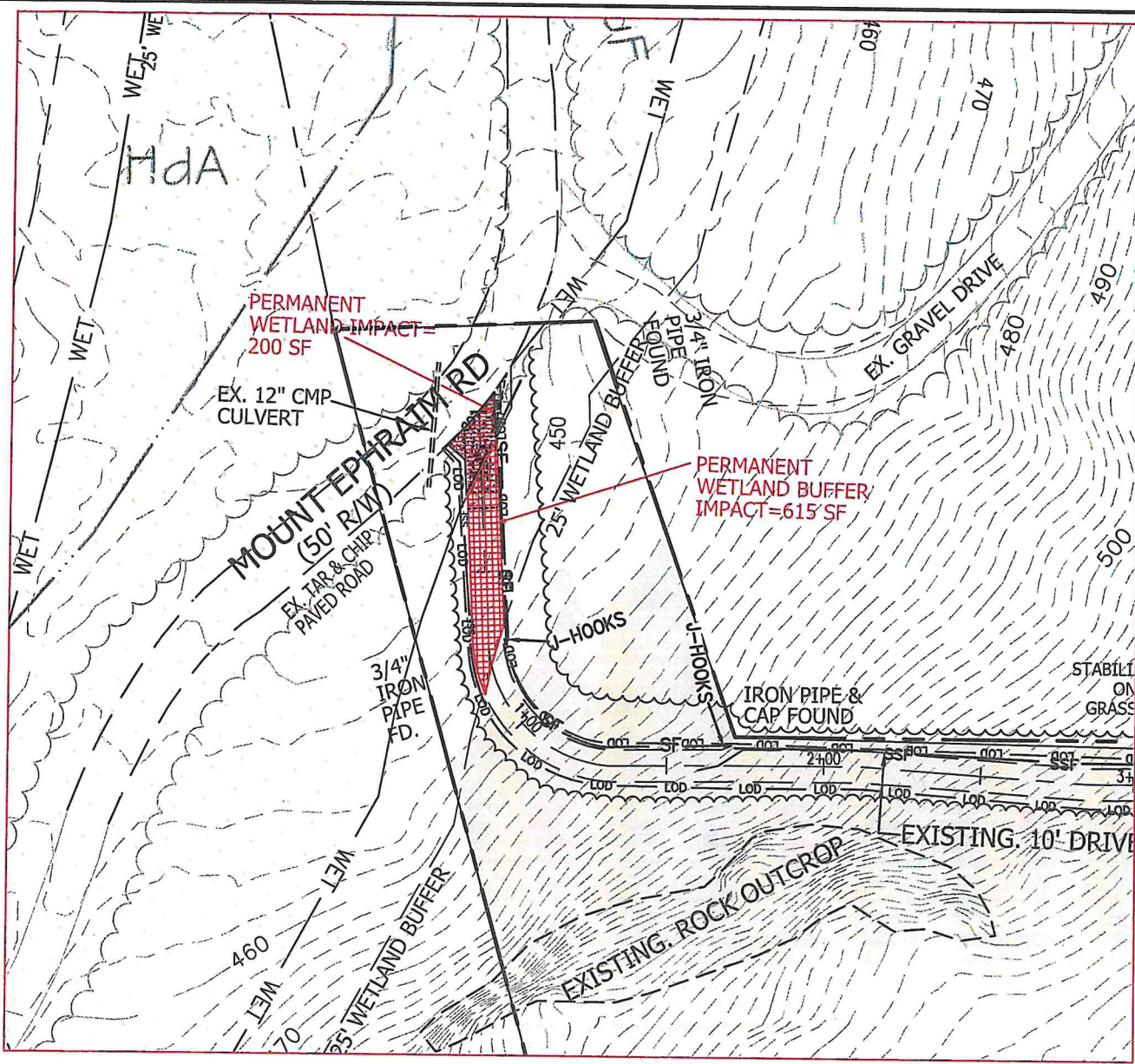
North View



**WETLAND DELINEATION
HOLDER PROPERTY**

Mt. Ephraim Road , Frederick County

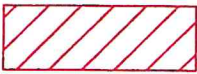
DATE: 3/7/2025




Impacts to Regulated Resources

Description	Non-Tidal Waters Permanent (LF)	Non-Tidal Waters Permanent (SF)	Non-Tidal Waters Temporary (LF)	Non-Tidal Waters Temporary (SF)	Forested Non-Tidal Wetlands Permanent (SF)	25-foot buffer Non-Tidal Wetlands (SF)	100-Year Floodplain (outside Permanent stream channel) (SF)
Bridge	0	0	0	0	200	615	0

LEGEND

 Permanent Wetlands Impact

 Permanent Wetland Buffer Impact

IMPACT SHEET 1
AARON M. HOLDER

LIBER 2642 AT FOLIO 186
 LIBER 13630 AT FOLIO 193
 SITUATED ON MOUNT EPHRAIM ROAD
 URBANA ELECTION DISTRICT NO. 07
 FREDERICK COUNTY, MARYLAND
 SCALE: 1" = 100' OCTOBER, 2024



14. THIS PROJECT IS EXEMPT FROM REQUIREMENT OF FOREST DELINEATION, AS LIMIT OF DISTURBANCE CLEARS LESS THAN 20,000 SQUARE FEET OF FOREST IN THE SINGLE LOT. THE PROPOSED CLEARING WILL BE ADDED TO ANY FUTURE REMOVAL, AND SHOULD THE ACCUMULATIVE AMOUNT EXCEED 20,000 SF FRO MITIGATION WILL BE REQUIRED.
15. LIMIT OF DISTURBANCE ON SITE IS 18,096 SF./ 0.415 AC.
16. LIMIT OF DISTURBANCE WITHIN 25% SLOPE AREA: 18,096 SF/0.415 AC.

HYDROLOGIC GROUP	HYDRIC COMPONENTS	SLOPE
B/D	YES	0-3%
C	NO	3-8%
C	NO	25-65%
B	NO	15-25%
B	NO	15-25%

NO.	APPROVAL DATE	EXPIRATION DATE

OWNER/DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/WE ALSO CERTIFY THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO ENSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I/WE AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ONSITE EVALUATION BY THE FREDERICK COUNTY SOIL CONSERVATION DISTRICT BOARD OR THEIR AUTHORIZED AGENTS.

AARON HOLDER

12.16.2025

SIGNATURE OWNER/DEVELOPER

DATE

AARON M. HOLDER

OWNER

PRINT NAME

TITLE

ENGINEER

I HEREBY CERTIFY THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01, AND 2011 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL AND IS CONTINGENT UPON ISSUANCE OF ALL APPLICABLE REGULATORY PERMITS. IF APPLICABLE, THIS PLAN IS ALSO DESIGNED FOR PONDS MD-378" AND THE POLICIES AND PROCEDURES OF THE MARYLAND DEPARTMENT OF ENVIRONMENT DAM SAFETY PROGRAM.

[Signature]

53140

ENGINEER'S SIGNATURE

P.E. NO.

DHAVALKUMAR PATEL

12.16.2025

PRINT NAME

DATE

FILE # :

A/P # : PW277065

RECORDED :

P.B.

PG.

VISIONS

**COMBINED SWM CONCEPT/DEVELOPMENT/IMPROVEMENT PLAN
DRIVEWAY ONLY**

AARON M. HOLDER

LIBER 2642 AT FOLIO 186

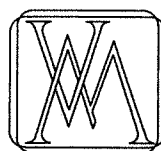
LIBER 13630 AT FOLIO 193

SITUATED ON MOUNT EPHRAIM ROAD

URBANA ELECTION DISTRICT NO. 07

FREDERICK COUNTY, MARYLAND

SCALE: 1" = 100' OCTOBER, 2024



**VANMAR
ASSOCIATES, INC.**
Engineers Surveyors Planners

SHEET 1 OF 2

310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
©Copyright, Latest Date Shown

vanmar.com

WHERE TO MAIL APPLICATION

Maryland Department of the Environment
Water and Science Administration
Regulatory Services Coordination Office
1800 Washington Boulevard, Suite 430
Baltimore, Maryland 21230
Telephone: (410) 537-3752
1-800-633-6101

BEFORE YOU MAIL... DON'T FORGET...

- **SIGN AND DATE THE APPLICATION. THE LANDOWNER MUST SIGN.**
- **SEVEN (7) COPIES OF ALL DOCUMENTS (APPLICATION, PLANS, MAPS, REPORTS, ETC.) MUST BE RECEIVED TO BEGIN OUR REVIEW.**
- **INCLUDE SEVEN (7) COPIES OF A VICINITY MAP (LOCATION MAP) WITH THE PROJECT SITE PINPOINTED.**
- **PAYMENTS: SEND THE CORRESPONDING APPLICATION FEE ALONG WITH A COPY OF THE FIRST PAGE OF THE APPLICATION TO:**

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
P.O. BOX 2057, BALTIMORE, MD 21203-2057
PCA: 13910 OBJ: 4142**

- **FOR FURTHER INSTRUCTIONS, PLEASE REFER TO OUR WEBSITE <https://mde.maryland.gov/programs/water/WetlandsandWaterways/Pages/index.aspx>**

SUPPLEMENTAL INFORMATION TO BE INCLUDED ON PLANS, DRAWINGS, OR VICINITY MAPS

In addition to the information indicated on the previous pages, you should include the following on the 8 1/2 x 11 site plans and any blueprints you have submitted:

1. Delineation of any wetland buffers or expanded buffers, clearly marked and differentiated.
2. Location of mitigation area, if proposed on the same site as the project.

Note: If you are proposing a complex project you may wish to submit engineering blueprints of your project with the application form to expedite review.

Mitigation Location Map: If you are proposing that nontidal wetland mitigation be done at a different location than the proposed project, you should submit a map showing the location of the mitigation site in relation to the proposed nontidal wetland losses.

DELINEATION OF WETLANDS, OTHER SPECIAL AQUATIC SITES, AND OTHER WATERS

Applications must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and streams on the project site. Wetland delineations must be prepared in accordance with the current wetland delineation manual and appropriate regional supplement published by the Corps. Wetlands must be shown on all plans submitted with the application. All wetlands on site must be delineated and shown on the overall site plan. 8½ x 11 inch plans with topography showing relation of the wetlands and project impacts must be submitted. Copies of the wetland reports and data sheets used in making the determination must be included with your application submittal.

Regulatory Agencies

Federal Permits

U.S. Army Corps of Engineers
Baltimore District
Attention: CENAB-OPR
2 Hopkins Plaza
Baltimore, MD 21201
Telephone: (410) 962-3670
Email: NAB-Regulatory@usace.army.mil

Coastal Zone Consistency Statement

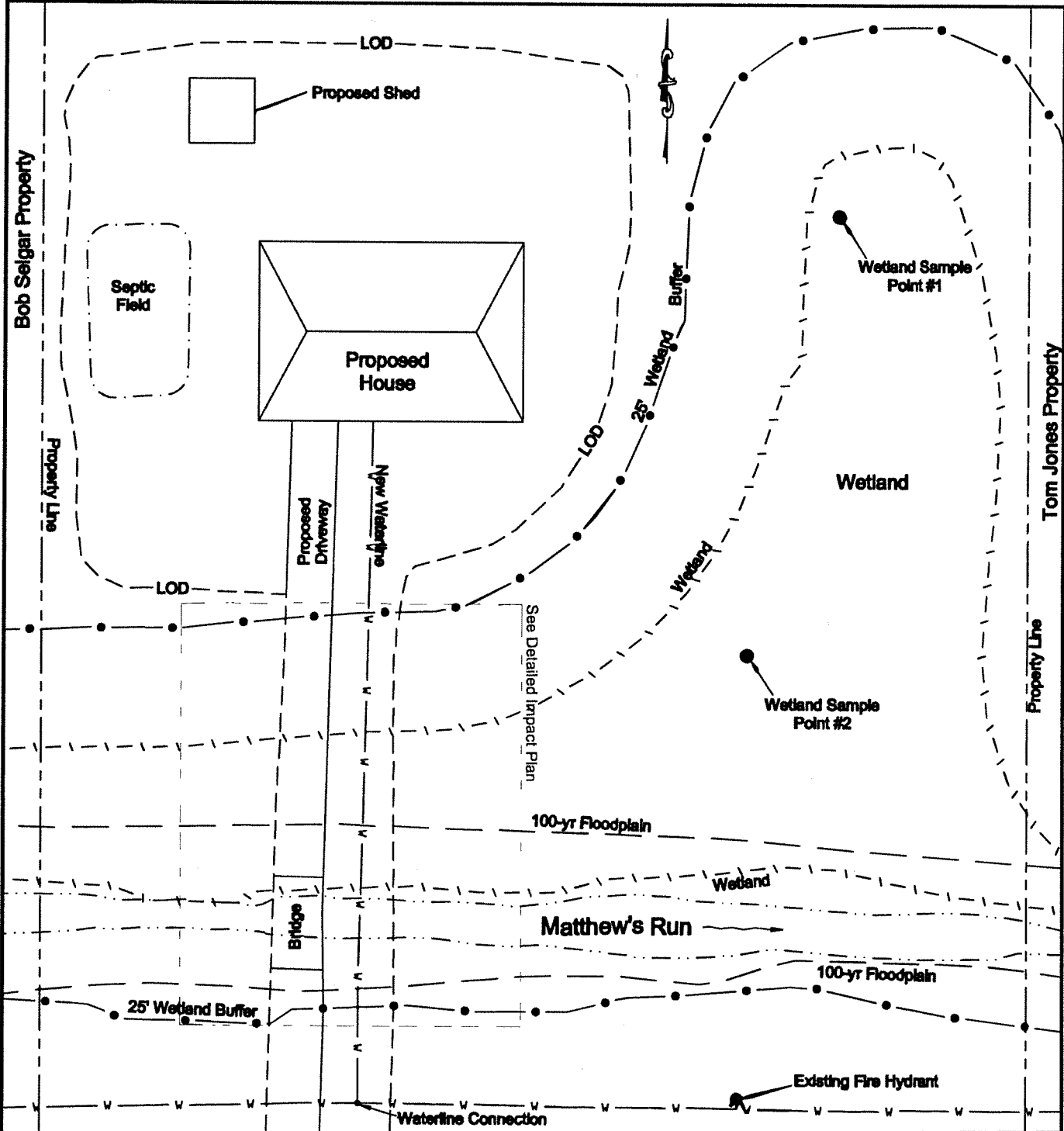
MD Dept. of the Environment
Water and Science Administration
Wetlands and Waterways Protection Program
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3745

State Authorizations

MD Dept. of the Environment
Water and Science Administration
Tidal Wetlands Division
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3837

MD Dept. of the Environment
Water and Science Administration
Nontidal Wetlands and Waterways
Division
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3571

Samples and Checklists



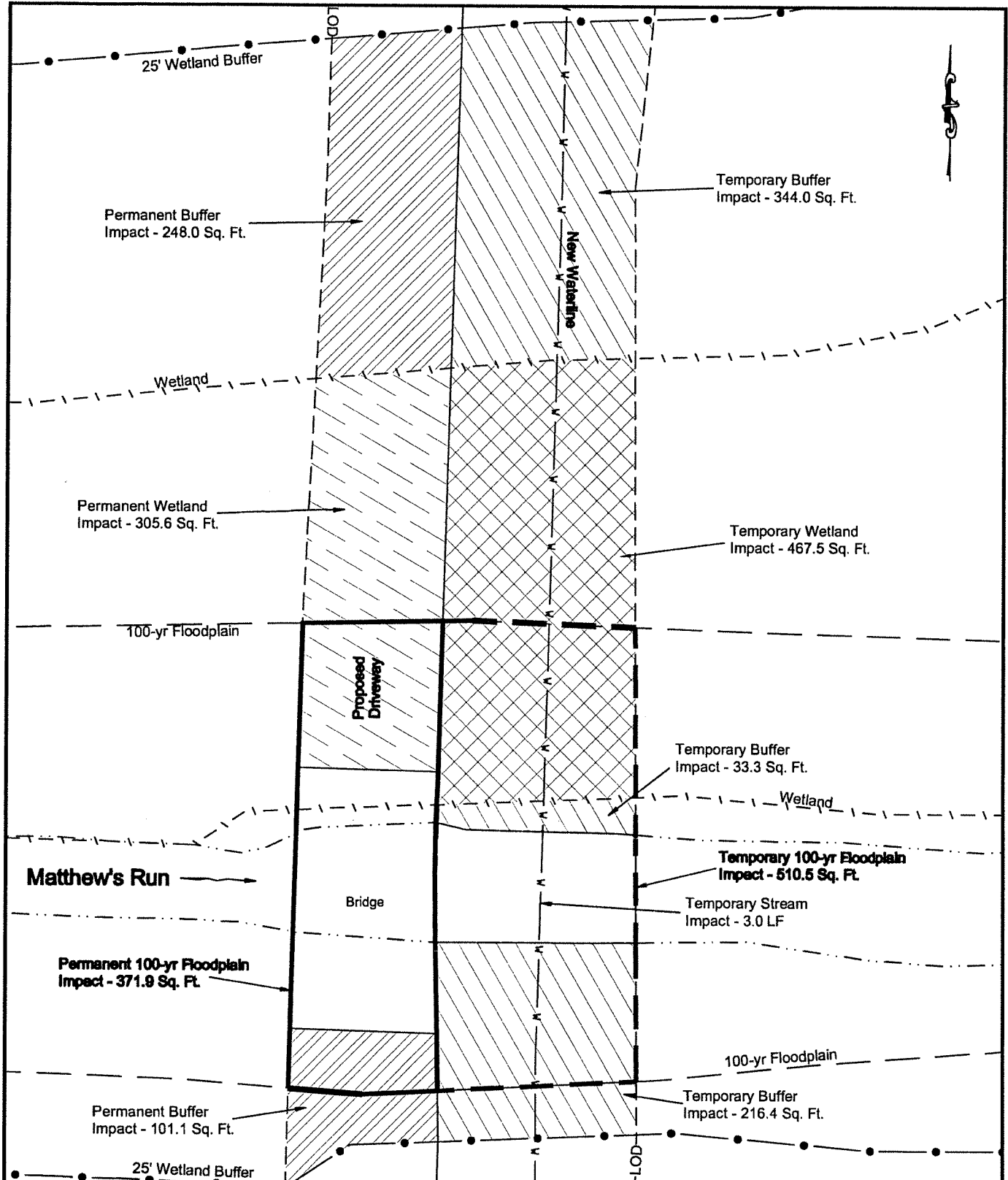
Millersville Pike

Site Owner/Applicant:
 John Smith
 1607 Millersville Pike
 Somewhere, MD 21511

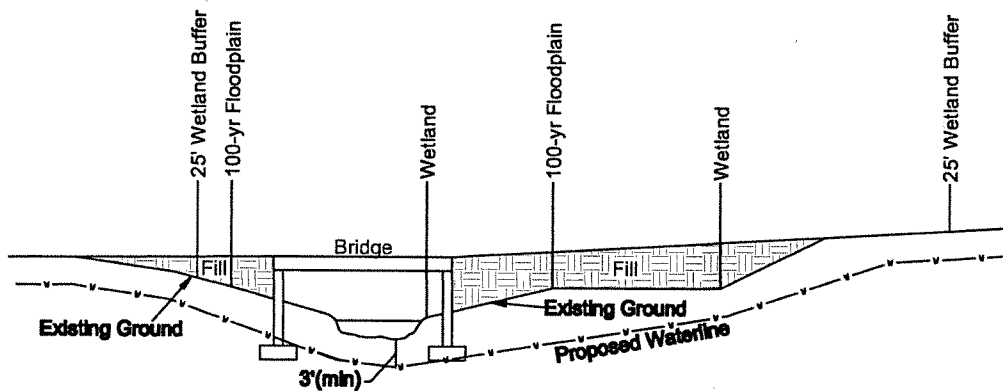
Prepared by:
 Reliable Engineering
 10 Main Street
 Elsewhere, MD 21535
 301-555-2000

SMITH PROPERTY
DRIVEWAY CROSSING PLAN

June 14, 2011 Scale: 1" = 30'



Site Owner/Applicant: <p style="text-align: center;">John Smith 1607 Millersville Pike Somewhere, MD 21511</p>	Prepared by: <p style="text-align: center;">Reliable Engineering 10 Main Street Elsewhere, MD 21535 301-555-2000</p>	SMITH PROPERTY DETAILED IMPACT PLAN	
		June 14, 2011	Scale: 1" = 10'



STREAM CROSS-SECTION

Scale: 1" = 20'

IMPACTED AREA	PERMANENT IMPACTS		TEMPORARY IMPACTS	
	Sq. Feet	L.F.	Sq. Feet	L.F.
Emergent Wetland	305.6	-	467.5	-
Scrub - Shrub Wetland	0	-	0	-
Forested Wetland	0	-	0	-
25' Wetland Buffer	349.1	-	593.7	-
Stream	-	0	24.9	3.0
100-year Floodplain	371.9	-	510.5	-

IMPACT SUMMARY

Note:

Any work in-stream requires diversion of the stream flow and dewatering of the work area. Please refer to the Maryland Waterway Construction Guidelines for details.

Site Owner/Applicant: John Smith 1607 Millersville Pike Somewhere, MD 21511	Prepared by: Reliable Engineering 10 Main Street Elsewhere, MD 21535 301-555-2000	SMITH PROPERTY CROSS-SECTION & IMPACT SUMMARY	
		June 14, 2011	Scale: 1" = 20'



Wetlands and Waterways Protection Program Application Fee Schedule and Guidelines

(EFFECTIVE JUNE 1, 2025)

A JOINT FEDERAL/STATE APPLICATION FOR THE ALTERATION OF ANY FLOODPLAIN, WATERWAY, TIDAL OR NONTIDAL WETLAND IN MARYLAND is required for all proposed projects not explicitly exempted in COMAR.

Fee Exempt Projects (APPLICATION REQUIRED)

WETLANDS AND WATERWAYS PROTECTION PROGRAM

Type of Activity:

1. Any activity proposed by:
 - a. State Agencies;
 - b. Municipalities; or
 - c. Counties, Bi-county or Multicounty Agencies.
2. Performance of agricultural best management practices approved by a Soil Conservation District.
3. Performance of forestry best management practices prepared by a registered forester and approved by a Soil Conservation District.
4. Restorative/Enhancement Projects such as:
 - a. Stream Restoration;
 - b. Vegetative shoreline stabilization;
 - c. Wetland creation; or
 - d. Any other project in which the primary effect is to enhance the State's wetland or water resources.
5. Aquaculture activities for which DNR has issued a permit under Title 4, Subtitle 11A of the Natural Resources Article.

Payment Instructions for Applications Requiring Fees

For applications requiring fees, please send the applicable **application fee** and a **copy of the first page of the application** to:

Maryland Department of the Environment (MDE)
P.O. Box 2057
Baltimore, MD, 21203-2057
PCA: 13910 OBJ: 4142

Note: *Tier II fees will be invoiced separately and should not be included at time of application submission.*



Fee Schedule A (Nontidal)

With the exception of the Tier II Review fee, **fees are not additive**; use the highest fee for the activity(ies) proposed. If the proposed nontidal wetland and waterway activity is not listed in this table, then use **Fee Schedule C**.

An additional Tier II Review fee applies to activities in this FEE SCHEDULE A if the activity is at least partially located in a Tier II watershed. **Please note that the Tier II Review fee (see Fee Schedule D) will be invoiced only after MDE reviews the initial application and determines that the fee applies.**

NONTIDAL WETLAND AND WATERWAY PROJECTS

<u>Activity</u>	<u>Activity Parameters</u>	<u>Application Required</u>	<u>Application Fee Required</u>
Non-habitable structures <i>Including but not limited to; Driveways, Decks, Pools, Sheds, Fences</i>	Permanent impacts ≤ 1,000 square feet	YES	\$390.00
In-kind repair and replacement of existing infrastructure in nontidal wetlands <i>(Infrastructure is defined as: the structures such as roads, bridges, culverts, utilities, etc. that supports the general public and do not meet the definition of a residential activity)</i>		YES	\$650.00
Structural shoreline stabilization, including in-kind repair or replacement of existing infrastructure, located on or adjacent to a <u>State-owned Lake</u>		YES	\$290.00



Fee Schedule B (Tidal)

Fees are not additive; use the highest fee for the activity(ies) proposed.
If the proposed tidal wetland activity is not listed in this table, then use **Fee Schedule C**

TIDAL WETLAND PROJECTS

<u>Activity</u>	<u>Activity Parameters</u>	<u>Application Required</u>	<u>Application Fee Required</u>						
Replacement Bulkhead	Replacement bulkhead is proposed \leq 18 inches channelward of the existing, functional ⁽¹⁾ bulkhead	YES	\$650.00						
Platform and/or finger pier	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Platform</th> <th style="text-align: center;">Finger Pier</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Fixed or floating on an existing functional⁽¹⁾ pier</td> <td style="text-align: center;">\leq 2</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total area of all proposed platform(s)⁽²⁾ and finger pier(s) is \leq 200 square feet.</td> </tr> </tbody> </table>	Platform	Finger Pier	Fixed or floating on an existing functional ⁽¹⁾ pier	\leq 2	Total area of all proposed platform(s) ⁽²⁾ and finger pier(s) is \leq 200 square feet.		YES	\$390.00
	Platform	Finger Pier							
Fixed or floating on an existing functional ⁽¹⁾ pier	\leq 2								
Total area of all proposed platform(s) ⁽²⁾ and finger pier(s) is \leq 200 square feet.									
Mooring piles	Installation of a maximum of 6 piles	YES	\$390.00						
Boat lift/hoist or Personal Watercraft (PWC) Lift	Installation of pilings associated with lift	YES	\$385.00						
Installation of a boatlift or Personal Watercraft (PWC) lift on <u>existing pilings</u>	No new outer piling to be installed	YES	NO FEE						
Construction of a Living Shoreline ⁽³⁾		YES	NO FEE						
In-kind repair (RIK) and replacement of functional structures located within jurisdictional tidal wetlands. ⁽⁴⁾	Applications for RIK projects do not require an application. Applications received for RIK will be charged a project review fee	NO	\$390						

¹ "Functional" means performing at least 85 percent of the action that a structure was originally designed to perform (COMAR 26.24.01.02(20)).

² COMAR 26.24.04.02B(3). Total platform space of existing and proposed platforms must be \leq 200 square feet.

³ Construction of a Living Shoreline must be the only activity proposed on the application; otherwise, the appropriate fee for the other proposed activities shall apply.

⁴ Must adhere to the definitions found in COMAR 26.24.01.02B(20)(24)(45). No increase of width, length, or height of the existing, previously authorized or "grandfathered", functional structure.



Fee Schedule C

An additional Tier II Review fee applies to the activities in this Fee Schedule if the activity is at least partially located in a Tier II watershed. **Tier II Review fee (see Fee Schedule D) will be invoiced only after MDE reviews the initial application and determines that the fee applies.**

<u>Activities not exempted or described in Fee Schedule A or B</u>	<u>Area of Impact</u>	<u>Application Fee Required</u>
Minor Project ⁽¹⁾⁽³⁾ <i>(Including but not limited to; Tidal Geotechnical Sampling, Beach Nourishment, Revetments etc.)</i>	<5,000 Square Feet	\$980.00
Major Project ⁽²⁾⁽³⁾	<1/4 Acre	\$1,950.00
	≥ 1/4 Acre To < 1/2 Acre	\$3,890.00
	≥ 1/2 Acre To < 3/4 Acre	\$5,830.00
	≥ 3/4 Acre To < 1 Acre	\$7,780.00
	≥ 1 Acre	\$9,720.00/ Acre
Minor Modification ⁽³⁾ <i>(State Authorization has been issued and is currently active, the complete project meets the definition of minor project)</i>	<5,000 Square Feet	\$330.00
Major Modification ⁽³⁾ <i>(State Authorization has been issued and is currently active, the complete project meets the definition of major project)</i>	≥5,000 Square Feet	\$1,950.00

¹ **Minor projects** include the following:

1. Projects proposing to impact less than 5,000 square feet of wetlands, waterways, including the 100-year floodplain.
2. **A project that proposes residential activities:**
 - a. **Residential Activity** means a noncommercial activity that is conducted on residential property
 - i. **Residential Property** means improved property that is used primarily as a residence or unimproved property that is zoned for use as a residence. Includes:
 1. Property owned by a homeowner's association
 2. A condominium
 - ii. A **Residential Property** does not include:
 1. A commercial building
 2. A marina
 3. A residential apartment complex or building
3. Mining Activities

² **Major Projects** include the following:

1. A project that proposes to permanently impact 5,000 square feet or more of wetlands or waterways, including the 100 year floodplain.
2. A project that is located in an area identified as potentially impacting a nontidal wetland of special State concern.
3. A project that requires the issuance of a public notice by the Department.

³ **Maintenance** of previously authorized activities or structures that are not already exempted are not considered new permanent impacts for purposes of the application fees and are not subject to fees above the minimum for Minor or Major Project categories (\$980 or \$1,950). Modification fees apply.



Fee Schedule D

Applicants should not submit payment until receiving an invoice from MDE

An additional Tier II Review fee applies to the activities in FEE SCHEDULE A and C if the activity is at least partially located in a Tier II watershed⁽¹⁾.

Tier II Review fee will be invoiced only after MDE reviews the initial application and determines that the fee applies.

<u>Activities not Fee Exempted or Described in Fee Schedule B</u>	<u>Tier II Review Application Fee Required Upon Invoice from MDE⁽²⁾</u>
Minor Project or Minor Modification (as defined above)	\$400.00
Major Project or Major Modification (as defined above)	\$1,600.00

¹ These fees apply if any portion of the proposed activity's footprint is within a Tier II watershed as identified on MDE's map located at: <https://mdewin64.mde.state.md.us/WSA/TierIIWQ/index.html>.

² This fee is in addition to those fees specified in FEE SCHEDULE A and C.

Tidal Wetland Activities Requiring a Public Notice

<u>Activity</u>	<u>Activity Parameters</u>
New bulkhead	> 300 linear feet and/or > 10 feet channelward of the mean high water line
Replacement bulkhead	> 18 inches channelward of the existing bulkhead or > 10 feet channelward of the existing bulkhead when a stone toe protection is included
Revetment projects	> 500 linear feet and/or > 10 feet channelward of the mean high water line
Living shoreline/marsh creation	> 500 linear feet and/or > 35 feet channelward of the mean high water line
New stormwater discharge	Discharge within the critical area extending more than 10' channelward of the mean high water line
Dredging projects	> 1,500 square feet and/or > 100 cubic yards of material
Boat ramp	> 12 feet wide and/or are > 30 feet channelward of the mean high water line
Groin, Jetty, Breakwater	Groins extending more than 25' channelward of the mean high water line
Any other activities substantially affecting tidal wetlands as required by law	