

# **WETLANDS AND SUBAQUEOUS LANDS SECTION PERMIT APPLICATION FORM**

**For Subaqueous Lands, Wetlands, Marina and  
401 Water Quality Certification Projects**

**State of Delaware  
Department of Natural Resources and Environmental Control  
Division of Water**

**Wetlands and Subaqueous Lands Section**



**APPLICATION FOR APPROVAL OF  
SUBAQUEOUS LANDS, WETLANDS, MARINA  
AND WATER QUALITY CERTIFICATION PROJECTS**

**Section 1: Applicant Identification**

1. Applicant's Name: Salt Pond Homeowner Assoc. Telephone #: 302-547-7019  
 Mailing Address: c/o Ward Gaisor Fax #: \_\_\_\_\_  
38435 Mainsail Drive, Unit 7 E-mail: wgaisor@gmail.com  
Bethany Beach, DE 19930
2. Consultant's Name: Elizabeth Pfaff Company Name: Tributaries, LLC  
 Mailing Address: P.O.Box 371 Telephone #: 443-359-0092  
Rehoboth, DE 19971 Fax #: \_\_\_\_\_  
 E-mail: beth@coastaltributaries.com
3. Contractor's Name: same as above Company Name: same as above  
 Mailing Address: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
 \_\_\_\_\_ Fax #: \_\_\_\_\_  
 \_\_\_\_\_ E-mail: \_\_\_\_\_

**Section 2: Project Description**

4. Check those that apply:  
 New Project/addition to existing project?  Repair/Replace existing structure? (If checked, must answer #16)
5. Project Purpose (attach additional sheets as necessary):  
See attached PROJECT DESCRIPTION sheet  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
6. Check each Appendix that is enclosed with this application:

<input type="checkbox"/> A. Boat Docking Facilities	<input type="checkbox"/> G. Bulkheads	<input type="checkbox"/> N. Preliminary Marina Checklist
<input type="checkbox"/> B. Boat Ramps	<input type="checkbox"/> H. Fill	<input type="checkbox"/> O. Marinas
<input type="checkbox"/> C. Road Crossings	<input type="checkbox"/> I. Rip-Rap Sills and Revetments	<input type="checkbox"/> P. Stormwater Management
<input type="checkbox"/> D. Channel Modifications/Dams	<input type="checkbox"/> J. Vegetative Stabilization	<input type="checkbox"/> Q. Ponds and Impoundments
<input type="checkbox"/> E. Utility Crossings	<input type="checkbox"/> K. Jetties, Groins, Breakwaters	<input type="checkbox"/> R. Maintenance Dredging
<input type="checkbox"/> F. Intake or Outfall Structures	<input type="checkbox"/> M. Activities in State Wetlands	<input checked="" type="checkbox"/> S. New Dredging

**Section 3: Project Location**

7. Project Site Address: Jeremy's Branch Drive County:  N.C.  Kent  Sussex  
Bethany Beach, DE Site owner name (if different from applicant): \_\_\_\_\_  
19930 Address of site owner: \_\_\_\_\_
8. Driving Directions: From Rt 1 (Coastal Hwy), head west on Fred Hudson Rd. Turn south onto  
McCoy's Way. Turn east onto Jeremy's Branch Drive. (Figure 1)  
 (Attach a vicinity map identifying road names and the project location)
9. Tax Parcel ID Number: 134-13.00-88.00 Subdivision Name: \_\_\_\_\_

<b>WLS Use Only:</b>		Permit #s: _____		_____		_____		_____	
Type	SP <input type="checkbox"/>	SL <input type="checkbox"/>	SU <input type="checkbox"/>	WE <input type="checkbox"/>	WQ <input type="checkbox"/>	LA <input type="checkbox"/>	SA <input type="checkbox"/>	MP <input type="checkbox"/>	WA <input type="checkbox"/>
Corps Permit:	SPGP 18 <input type="checkbox"/> 20 <input type="checkbox"/>		Nationwide Permit #:		_____		Individual Permit # _____		
Received Date:	_____		Project Scientist:		_____				
Fee Received?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Amt: \$	_____		Receipt #:		_____	
Public Notice #:	_____		Public Notice Dates:		ON _____		OFF _____		

**Section 3: Project Location (Continued)**

10. Name of waterbody at Project Location: Salt Pond waterbody is a tributary to: Indian River Bay

11. Is the waterbody:  Tidal  Non-tidal Waterbody width at mean low or ordinary high water \_\_\_\_\_

12. Is the project:  On public subaqueous lands?  On private subaqueous lands?\*

In State-regulated wetlands?  In Federally-regulated wetlands?

\*If the project is on private subaqueous lands, provide the name of the subaqueous lands owner:

(Written permission from the private subaqueous lands owner must be included with this application)

13. Present Zoning:  Agricultural  Residential  Commercial  Industrial  Other

**Section 4: Miscellaneous**

14. A. List the names and complete mailing addresses of the immediately adjoining property owners on all sides of the project (attach additional sheets as necessary):

Hieu Lieu - 31623 Charleys Run, Bethany Beach, DE 19930

Rocco Boccuti - 3911 Concord Pike 7836, Wilmington, DE 19803

Thomas Lindia - 332 Cavasback Road, Middletown, DE 19709

B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project (attach additional sheets as necessary):

15. Provide the names of DNREC and or Army Corps of Engineers representatives whom you have discussed the project with:

Michael Yost

Julie Molina

Kaylee Groce

Jessica Watson

Rebecca Bobola

Matt Messina

A. Have you had a State Jurisdictional Determination performed on the property?  Yes  No

B. Has the project been reviewed in a monthly Joint Permit Processing Meeting?  Yes  No

\*If yes, what was the date of the meeting? May 15, 2025

16. Are there existing structures or fill at the project site in subaqueous lands?  Yes  No

\*If yes, provide the permit and/or lease number(s):

\*If no, were structures and/or fill in place prior to 1969?  Yes  No

17. Have you applied for or obtained a Federal permit from the Army Corps of Engineers?

No  Pending  Issued  Denied Date: \_\_\_\_\_

Type of Permit: \_\_\_\_\_ Federal Permit or ID #: \_\_\_\_\_

18. Have you applied for permits from other Sections within DNREC?

No  Pending  Issued  Denied Date: \_\_\_\_\_ Permit or ID #: \_\_\_\_\_

Type of permit (circle all that apply): Septic Well NPDES Storm Water

Other: \_\_\_\_\_

**Section 5: Signature Page**

## 19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf

I wish to authorize an agent as indicated below

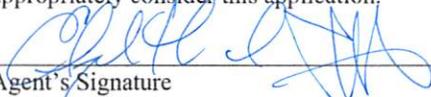
I, Ward Gaisor, hereby designate and authorize Elizabeth Pfaff  
 (Name of Applicant) (Name of Agent)  
 to act on my behalf in the processing of this application and to furnish any additional information requested by the Department.

Authorized Agent's Name: Elizabeth Pfaff  
 Mailing Address: P.O. Box 371  
Rehoboth, DE 19971

Telephone #: 443-359-0092  
 Fax #: \_\_\_\_\_  
 E-mail: beth@coastaltributaries.com

## 20. Agent's Signature:

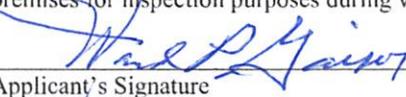
I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

  
 Agent's Signature

06. 13. 25  
 Date

## 21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

  
 Applicant's Signature

6-23-2025  
 Date

WARD P. GAISOR  
 Print Name

## 22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Tributaries, LLC  
 Contractor's Name

06. 13. 25  
 Date

Elizabeth Pfaff  
 Print Name



# TRIBUTARIES

## ECOLOGICAL RESTORATION

www.coastaltributaries.com

### Agent Authorization

By providing the following information, all future correspondence to the Delaware Department of Natural Resources and Environmental Control (DNREC) Division of Fish & Wildlife may be signed by the duly authorized agent.

In addition, the agent will become the primary point of contact for all correspondence from DNREC Division of Fish & Wildlife.

I, WARD P GAISOR (name of applicant), hereby designate and authorize ELIZABETH PFAFF (name of agent) to act on my behalf in the processing of this application and to furnish and additional information requested by the DNREC Division of Fish & Wildlife.

Authorized Agent's Name/Title: Elizabeth Pfaff / Tributaries, LLC Environmental Scientist

Phone Number: (443) 359-0092

Email Address: beth@coastaltributaries.com

Mailing Address: Tributaries, LLC

P.O. Box 371 , Rehoboth, DE 19971

Agent's Signature:

I hereby certify that the information on this form is true and accurate to the best of my knowledge. I further understand that the DNREC Division of Fish & Wildlife may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

  
Agent's Signature

06.23.25  
Date

Applicant's Signature:

I hereby certify that the information on this form is true and accurate to the best of my knowledge and that I am required to inform the DNREC Division of Fish & Wildlife of any changes or updates to the information provided in this application. I further understand that the DNREC Division of Fish & Wildlife may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized DNREC Division of Fish & Wildlife representatives to enter upon the premises for inspection purposes during appropriate hours.

  
Applicant's Signature

6-23-2025  
Date



# TRIBUTARIES

ECOLOGICAL RESTORATION  
www.coastaltributaries.com

## Proposed Activity Agreement

We hereby grant permission to Tributaries, LLC employees and volunteers to access the Jeremy's Branch Drainage Ditch Minor Dredging project area which is in the Salt Pond/Schooner Village Common Area adjacent to Jeremy's Branch Drive in Bethany Beach.

Furthermore, we grant permission to conduct all activities related to the proposed minor dredging activities. These activities include, but are not limited to, the obstruction removal process, dewatering areas for dredged materials, and monitoring efforts.

Salt Pond Homeowner Association - Ward Gaisor

6-23-2025

Date

SPHA  
400 Bethany Loop  
Bethany Beach, DE 19930  
Tax Map Parcel # 134-13.00-88.00

Schooner Village POA - Anne Monks

05.13.25

Date

Schooner Village POA  
400 Bethany Loop  
Bethany Beach, DE 19930  
Tax Map Parcel # 134-13.00-88.00

## NEW DREDGING PROJECTS

Please make sure that answers to all of the questions in this appendix correspond to the information on the application drawings.

### CLASSIFICATION OF CREEK TO BE DREDGED (for projects in the Inland Bays only)

1. How is the creek classified according to the State dredging program's classification system? Is it open to dredging, open to dredging but requiring further study, or restricted due to environmental sensitivity? See example "Classification System" on page 7 of this application. For further explanation, refer to Section 2.0 of the "Goals and Objectives - Creek Evaluation Dredging Criteria" dated April, 1986.
  - a. **Step One:** If the creek to be dredged is "restricted", an application cannot be accepted.
  - b. **Step Two:** If the creek is "open" to dredging, the applicable parts of this application must be completed.
  - c. **Step Three:** If the creek is "open" to dredging but requiring further analysis, submit information request as part of procedure outlined on page 4 and further explained in Section 2.4 of the Dredging Study.

### 2. SITE LOCATION OF DREDGING PROJECT

- a. Locate the project site with respect to the county, creek, tributary (enclose 8 1/2" x 11" map).  
Man-made drainage ditch along Jeremy's Branch Drive in Bethany Beach of Sussex county. FIGURE 1

### 3. DESCRIPTION OF DREDGING PROJECT

- a. How many cubic yards of material will be dredged or excavated channelward of the:
 

Tidal waters: mean high water line? < 25 cu. yds.  
mean low water line? 0 cu. yds.

Non-tidal waters: ordinary high water line? N/A cu. yds.
- b. What are the proposed dimensions of the dredged area relative to mean low water or ordinary high water?  
250' length 0.5' depth 5.0' base width 5.5' top width
- c. What are average and range of existing depths in area of proposed dredging? 0.28 ft. (mlw/ohw)

Include a survey of proposed and existing depths on application drawings. FIGURE 2

- d. What is the proposed dredging depth in relation to surrounding bathymetry?  
0.03 ft.(mlw/ohw) FIGURE 3

Indicate both proposed depths and surrounding depths on attached drawings.

- a. Describe the other details of the proposed project including the equipment to be used, place and method of disposal, etc. Detail is important.

Sediment will be removed manually from within culvert pipes and on the east side of the pipes. The remaining length of the man-made drainage ditch will be dredged of approximately 0.5' of sediment and detritus using a ditch bucket. The spoils will be staged on the south top of bank using filter socks. Once dewatered, the dry material will be transported using a dump trailer to MILLVILLE ORGANICS for disposal.

## 4. PURPOSE OF PROPOSED DREDGING PROJECT

- a. Define the purpose and need of the proposed dredging project. Who will benefit?

The need for the minor dredging project is due to accumulated sediment and vegetative debris that is hindering the flow of stormwater from a residential community thus causing flooding after rain events.

The purpose is to promote positive flow through the man-made drainage ditch.

- b. Submit color photos of site and bordering upland with explanation of the views shown (prints only).  
SITE PHOTOS folder attached

5. How often will maintenance dredging be required? unknown What measures are being taken to reduce the frequency of dredging.

**ENVIRONMENTAL CONSIDERATIONS OF THE DREDGING PROJECT**

A sediment analysis must be performed in accordance with the attached sampling plan.

## 6. CHARACTERIZE THE SUBSTRATE TO BE DREDGED

- a. What is the chemical composition of the material to be dredged? Does the substrate contain more pollutants relative to known clean bay sediments of similar composition? Attach Lab Reports and Analyses

N/A

- b. What is the physical composition of the substrate? State percent of sand, gravel, mud, silt. Does it contain shell fragments?

Silty mud, decomposing vegetative debris

## 7. CHARACTERIZE THE UNDERLYING SUBSTRATE TO BE EXPOSED BY THE PROJECT

- a. Is the underlying substrate (material at proposed dredging depth) of similar physical composition and chemical quality as material to be dredged? X Yes        No

- b. Project the expected turbidity levels and area of effect (extent of plume) based on the percent of silt, sand, and gravel in the dredged material.

N/A

## 8. CHARACTERIZE THE BIOLOGICAL COMMUNITY IN THE AREA TO BE DREDGED

- a. Characterize how the area is utilized by shellfish and finfish and potential temporary and/or permanent impacts to these species.

N/A

- b. Identify the practices proposed to reduce impacts to aquatic species and the potential for degradation of water quality (turbidity curtain, time of year restrictions, etc.). Dredging in Delaware waters may be subject to certain time of year restrictions in order to protect fish and wildlife.

All work will be conducted during low flow/tide periods.

All work will be done during nonbiological productivity periods.

- c. What are the major benthic (bottom dwelling) species found at the area to be dredged?

N/A

- d. Characterize the subaquatic vegetation and other vegetation at or near the project site.

N/A

## 9. CHARACTERIZE THE EXISTING WATER QUALITY

- a. Determine the classification of the stream according to state water quality criteria. Will the dredging project cause violations of the water quality criteria? Will designated water uses be affected?

NO

- b. Determine levels of dissolved oxygen (D.O.) in and around the project area. Measure D.O. at the water/substrate interface during worst case conditions (i.e. summer morning).

N/A

## 10. IMPACT TO THE BOTTOM CONTOURS OF THE BAY OR CREEK

- a. What is proposed dredging depth in relation to surrounding bathymetry? Provide map showing surrounding depths.

YES FIGURE 2

- b. Will the project change flow or circulation patterns in the bay or creek? Will shoaling patterns be altered?

NO

- c. Describe the impact to sediment transportation along the shoreline and the potential for depriving adjacent shorelines of sediment?

N/A

## 11. IMPACT TO SURROUNDING LANDS

- a. What is the proximity of the dredging project to the nearest creek bank or banks?

The project area is outlined/bordered by steep ditch banks.

- b. What are the existing land uses along this bank(s)?

The south bank is a roadway shoulder and the north bank is partial wooded upland to bulkheaded residential property.

- c. What is the shoreline composition adjacent to the proposed dredging and the areas immediately up and downstream (wetland, vegetated bank, rip-rap, bulkhead eroding bank)?

Upstream is a vegetated bank with two 30" culvert pipes. Downstream is a bulkhead to vegetated bank opening to Salt Pond.

## 12. What measures will be taken during the dredging operation to minimize environmental impact?

All work will be done during low flow/tide periods.

All work will be done during nonbiological productivity periods.

**CONSIDERATIONS FOR DISPOSAL OF DREDGED MATERIALS**

13. What are your plans for disposing of dredged material (i.e., upland disposal, wetland creation, island creation, etc.)? What alternatives have you considered?

Dredged material will be dewatered on adjacent upland bank using filtrex socks. Once dry, the material will be transported to MILLVILLE ORGANICS via a dump trailer.

14. When do you plan to conduct your dredging/disposal operation (approximate dates of operation)?

November 1 - March 1

15. Describe the characteristics and location of the proposed dredged material disposal site? What is the present use of the disposal site? Please identify both temporary dewatering/stockpiling areas as well as the permanent disposal area and pipeline route if applicable.

MILLVILLE ORGANICS is a recycling facility recommended by the Sussex Conservation District for sediment disposal.

#### 16. CHARACTERISTICS OF THE DREDGED MATERIAL

1. Based on sediment analysis required or other known factors, does the material contain any contaminants?

N/A

a. What is the bulking factor of the material (e.g., how much will material increase in volume during dredging and disposal operation based on material composition, material water holding capacity and dredging method)?

N/A

b. What is the settling rate of the dredged material? N/A

c. What is the mounding ability of the material being disposed of? N/A

#### 17. CONSIDERATIONS FOR HABITAT DEVELOPMENT

a. Does similar habitat already exist in the area proposed for development?

YES

b. What is the depth of water at mean low water (for water disposal for marsh or island creation)?

-0.11' NAVD

c. What is the salinity of water at the proposed site of development?

N/A

d. What is the salinity of water from which material is being dredged?

3.38 ppt

e. Is the composition of the dredged material similar to the substrate at the site of habitat development?

N/A

f. What are the biological characteristics of the site proposed for development? Are there oyster bars, spawning grounds, submerged aquatic vegetation, or other fragile ecosystems which require temporary or permanent protection? These sites should be avoided for habitat development.

N/A

g. What are the wind and current conditions at the site? Do they change seasonally?

N/A

h. Will habitat development interfere with any existing commercial or recreational activities?

N/A

- i. Is there enough material to achieve desired elevations? Is the potential site of development large enough to accommodate the dredged material?

N/A

- j. Who is the owner of the site proposed for development? Who will maintain the new habitat?

N/A

- k. What types of wildlife are to be attracted to the site? Will the food and habitat needs be met?

N/A

- l. What measures will be taken to reduce potential environmental impact?

N/A

#### 18. CONSIDERATIONS FOR UPLAND DISPOSAL

- a. What is the distance from the dredging operation to the proposed site of disposal?

2.5 miles

- b. What method of disposal is to be utilized (i.e., pipeline discharge, barge, hopper, etc.)?

Dry spoils will be transported by dump trailer

- c. Describe the proposed method of containment for the dredged material.

Spoils will be staged on the adjacent upland bank using filtrex socks for dewatering.

- d. How much acreage is required for the quantity of material being disposed of?

Once the spoils are dewatered, the quantity of material at a depth of 12" will require less than 0.015 acres for disposal.

- e. Provide an engineering drawing of the proposed disposal facility. Include dimensions of the sediment to be contained in this dredging event. (Length, width, depth) 250' x 5' x 0.5'

Millville Organics was working with Mindy Anthony of DNREC in 2014 for County conditional use 1913 and composting permits. These drawings will be on file at DNREC offices. The disposal area location and materials processing has not changed.

- f. What measures will be taken to reduce potential environmental impact?

Filtrex socks will be staked at the top of the upland slope to prevent discharge while dewatering.

- g. What is estimated life of the dredge spoil disposal site?

50 + years

- h. Are there any wells within 300 feet of the disposal site? If yes, show location of adjacent wells on disposal area plan.

One agricultural well is noted on site. See attached DE well viewer map.

19. If required, has an Erosion and Sediment Control Plan been approved by the designated plan approval agency for the project? An Erosion and Sediment Control Plan is required for any project disturbing more than 5,000 square feet of uplands. Final approved plans must be received by this office prior to permit issuance.

Yes  No  Not required

## 20. SAMPLING PLAN FOR NEW DREDGING PROJECTS

N/A

1. Physical and Chemical Analysis of Sediment
  - a. Particle size distribution and percent solids analysis on core samples taken to depth of proposed dredging. Percentage sand, silt and clay should be given based on:  
sand: Greater than or equal to 0.0625mm  
silt: Less than 0.0635mm but greater than 0.0039mm  
clay: Less than 0.0039mm
  - b. Bulk sediment analysis (mg/lg) core samples taken to depth of proposed dredging for parameters as determined by the Department.
  - c. Elutriate analysis (mg/l) on core samples taken to depth of proposal dredging for parameters as determined by the Department. Dredge site water should be used for the dilution water.
  - d. Surface water analysis (mg/l) on one composite sample from the dredging area for parameters as determined by the Department.
2. Biological Sampling
  - e. Benthic Invertebrate survey based on minimum of three surface grab samples or benthic dredge. Organisms should be identified to genus-level species where possible.
  - f. Description of emergent and submerged vegetation in or adjacent to the proposed dredging area.

## Important Notes:

The number of samples is dependent on size of area to be dredged and suspected pollution level. As a general rule, a minimum of three sampling stations should be established.

If sediment contaminants are shown to exist at levels of concern by the above analyses, a bioassay may be required. Suspected contaminated sediment proposed for upland disposal should be subjected to an EP Toxicity analysis.

Please be advised that all dredging in the Inland Bays must be undertaken between September 1 and December 31 in order to protect summer and winter flounder and other aquatic species. Dredging in other Delaware waters may also be subject to certain time of year restrictions in order to protect fish and wildlife. Contact DNREC for more specific information regarding the restrictions that may apply within your project area.

<b>CLASSIFICATION OF CREEK TO BE DREDGED (for Inland Bays)</b>			
<p><b>Step One: Environmental Classification</b></p> <p>Objective: Classify as areas where dredging should be restricted creeks, creek segments, and open water areas with high environmental sensitivity.</p> <p>Factor One: Bodies of water and associated shorelines which have been designated as state natural areas, or which are totally contained in or where more than 50% of the shoreline borders a wildlife refuge or state/federal/parkland.</p> <p>Factor Two: Creek segments whose shorelines are dominated by wetland vegetation and which have open water channels equal to or less than 40 feet in width.</p> <p>Factor Three: Creek segments where the presence of rare and endangered species has been identified either in-stream or along the shoreline.</p> <p>Factor Four: Creek segments where at least 30% of the land area within ¼ mile of the water's edge is contained in designated wetlands and is less than 50% developed as moderate density residential development.</p> <p>*Creeks less than 40 feet in width (headwaters and tributaries) and other areas not designated on the maps should not be considered for dredging by the state</p>	<p><b>Areas of Restricted Dredging</b></p> <table border="1"> <tr> <td data-bbox="876 205 1169 842"> <p><b>Upstream reaches of:</b></p> <p>Vines Creek Pepper Creek Herring Creek</p> <ul style="list-style-type: none"> <li>Hopkins Prong</li> <li>Burton Prong</li> <li>Guinea Creek</li> </ul> <p>Wilson Creek White Oak Creek</p> <ul style="list-style-type: none"> <li>Johnson Branch</li> </ul> <p>Collins Creek</p> <ul style="list-style-type: none"> <li>Joshua Prong</li> </ul> <p>Simon Glade</p> <ul style="list-style-type: none"> <li>Edgar Creek</li> </ul> <p>White Creek Arnell Creek Dirickson Creek Emily Gut Love Creek Lingo Creek Drum Creek Roy Creek Lee Joseph Creek Love Creek Blackwater Creek Miller Creek</p> </td> <td data-bbox="1169 205 1526 842"> <p><b>Segments of:</b></p> <p>Drum Creek Dirickson Creek Love Creek Dorman Branch Lingo Cove Joshua Cove Sloughs Gut Collins Creek Joshua Prong Edgar Prong Stump Creek Swan Creek Island Creek Warwick Gut Emily Gut Lingo creek Other small unnamed creeks/guts</p> <p>*May list more creek segments as the presence of both state and federally designated rare and endangered species are identified.</p> </td> </tr> </table>	<p><b>Upstream reaches of:</b></p> <p>Vines Creek Pepper Creek Herring Creek</p> <ul style="list-style-type: none"> <li>Hopkins Prong</li> <li>Burton Prong</li> <li>Guinea Creek</li> </ul> <p>Wilson Creek White Oak Creek</p> <ul style="list-style-type: none"> <li>Johnson Branch</li> </ul> <p>Collins Creek</p> <ul style="list-style-type: none"> <li>Joshua Prong</li> </ul> <p>Simon Glade</p> <ul style="list-style-type: none"> <li>Edgar Creek</li> </ul> <p>White Creek Arnell Creek Dirickson Creek Emily Gut Love Creek Lingo Creek Drum Creek Roy Creek Lee Joseph Creek Love Creek Blackwater Creek Miller Creek</p>	<p><b>Segments of:</b></p> <p>Drum Creek Dirickson Creek Love Creek Dorman Branch Lingo Cove Joshua Cove Sloughs Gut Collins Creek Joshua Prong Edgar Prong Stump Creek Swan Creek Island Creek Warwick Gut Emily Gut Lingo creek Other small unnamed creeks/guts</p> <p>*May list more creek segments as the presence of both state and federally designated rare and endangered species are identified.</p>
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<p><b>Step Two: Classification by Water Use and Dredging History</b></p> <p>Objective: To further segregate creeks into those which are characterized by intensive use and a recent dredging history and those which are less used and have not been previously dredged. Those areas which are both intensively used and have a recent dredging history will then be classified as being open to dredging.</p> <p>Factor One: Is the waterbody, creek or creek segment consistently and intensively used as and access route to, or between the following types of boating activities:</p> <ul style="list-style-type: none"> <li>Recreational boating, including sailing and excursions</li> <li>Recreational or commercial fishing, including shellfishing</li> <li>Water skiing, jet skiing, etc.</li> <li>Commercial transportation (i.e. hauling of commodities)</li> <li>Access channel connecting major water use areas</li> </ul> <p>Factor Two: Has the water area, creek or creek segment been dredged by the State or Federal government within the last 10-15 years?</p>	<p><b>Areas Open to Dredging</b></p> <p>Assawoman Canal and approach channels to be dredged for navigation purposes only. Future development projects requiring access to Assawoman Canal, structures that conflict with navigation and projects which degrade water quality will be prohibited.</p> <p>Indian River Navigation Channel</p> <p>Lewes &amp; Rehoboth canal Massey's Ditch Rehoboth Bay Navigation Channel</p> <p>As a general policy, the State should not dredge artificially constructed dead-end lagoons unless it is for environmental rehabilitation or there are overriding concerns. If dredging is requested by incorporated communities, cost/benefit analysis should be conducted.</p>		
<p><b>Step Three: Generators and Attractors of Boat Traffic</b></p> <p>Objective: To further segregate the group remaining after Step II into those areas with or without navigational demand. The criteria used to determine navigational demand is the presence of generators and/or attractors of boat traffic as defined below.</p> <p>Factor One: The presence of a marina with one of the following characteristics:</p> <ul style="list-style-type: none"> <li>Publicly accessible marina with more than 25 slips</li> <li>Significant proportion of vessels using marina have drafts exceeding 4' and lengths exceeding 25'.</li> <li>Publicly accessible boat launching ramp</li> <li>Private marina with more than 100 slips</li> </ul> <p>Factor Two: The presence of a residential subdivision, campground or trailer park with more than 50 units and which has either an accompanying marina, or whose parcels front on boat channel</p> <p>Factor Three: The presence of waterfront recreational, industrial or commercial activities that are regularly visited by vessels with drafts exceeding 2'.</p> <p>Factor Four: At least 50 percent of the land area located within ½ mile of the creek or creek segment is developed at a minimum as moderate density residential. (i.e. at least one dwelling unit acre).</p> <p>If at least one of the factors is present, classify as Level I; if none of the factors are present, classify as Level II. Level I creeks are higher priority projects as they satisfy the navigational demand criteria. Level II creeks exhibit little current demand or use.</p>	<p><b>Areas Requiring Further Analysis</b></p> <p><b>Level I Creek Segments</b></p> <p>Love Creek (up to first bridge) Arnell Creek (mouth only) Lingo Creek Pepper Creek (up to Holland Pt.) Vines Creek (up to Ballast Pt.) Dirickson creek Roy Creek Herring Creek Burton Prong Hopkins Prong Wilson Creek (mouth only) Lee Joseph Creek (mouth only)</p> <p><b>Level II Creek Segments</b></p> <p>Bald Eagle Creek White Oak Creek (mouth only) Beach Cove Vines Creek (from Ballast Pt. to first bridge)</p> <p>*These are only portions of the creeks listed under each level as illustrated on the set of maps accompanying this report *These requirements were developed for marinas near the creek mouths on the bays. The marina size and facility requirements increase the farther upstream it is located due to related dredging costs and environmental impacts.</p>		

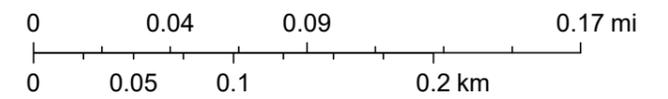
# Sussex County



November 11, 2025

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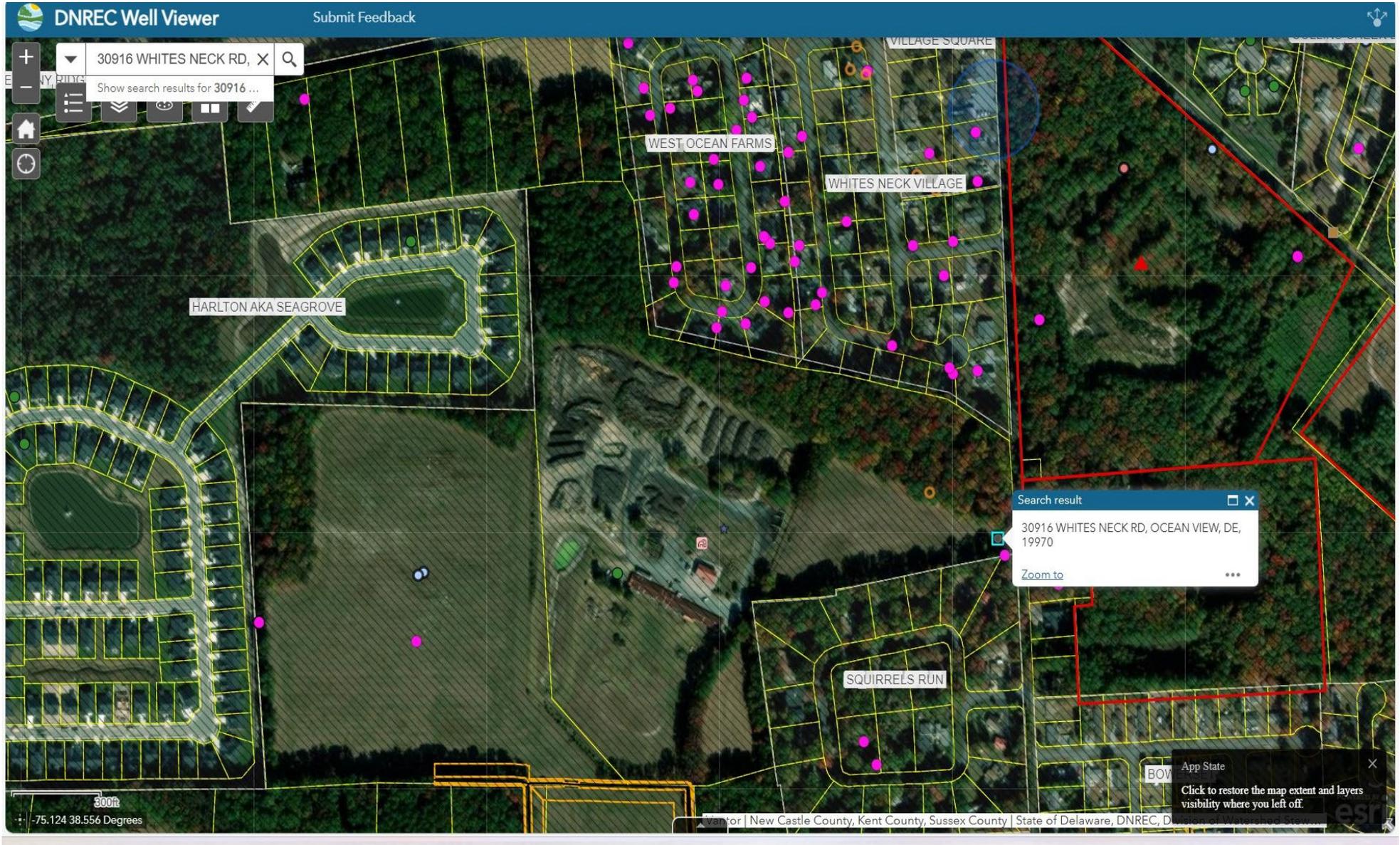
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- Override 1
- Tax Parcels
- Condo
- Encumbrance
- TaxParcel
- Streets
- County Boundaries
- GIOLandRecords.PARCELFABRIC.Condo



Delaware Department of Education, Wetland mapping is supported with funding provided by the Environmental Protection Agency., Delaware Geological Survey, U.S. Geological Survey, Delaware Public Service Commission, FEMA, County of Sussex, DE, Delaware

# Millville Organics – Disposal Site

30916 Whites Neck Road, Ocean View, DE 19970



August 25, 2025

Millville Organic Center

30916 Whites Neck Rd, Millville, DE 19967

RE: Minor Dredging of the man-made ditch along Jeremy's Branch, Bethany DE

Letter of Acceptance

To whom it may concern,

I, Jeremy Smith, owner and operator of Millville Organics Recycling Center located in Millville, De will accept the dewatered spoils resulting from the minor dredging proposed project by Tributaries, LLC as contracted by the Salt Pond Homeowners Association. This material will be recycled and/or composted accordingly.

If you have any questions or concerns, contact me at your convenience.

Sincerely,

  
Jeremy Smith

302-930-6364



# TRIBUTARIES

## ECOLOGICAL RESTORATION

www.coastaltributaries.com

### **PROJECT DESCRIPTION:**

Jeremy's Branch Drainage Ditch – Minor Dredging – NWP 19

### **LOCATION:**

Tax Map # 134-13.00-88.00

NE corner of McCoy's Way and Jeremy's Branch Drive, beginning at the west side of the double 60'x30" concrete culvert pipes and extending east for approximately 650' to the opening at the Salt Pond in Bethany Beach, DE (FIGURE 1. Site Location\_directions).

### **OVERVIEW:**

The Salt Pond community consists of 15 stormwater retention ponds that are interconnected by ditches that were designed to flow out of the manmade ditch at Jeremy's Branch Drive and drain into the Salt Pond.

Over numerous years, Jeremy's Branch manmade drainage ditch has accumulated sediment and vegetated debris which is hindering the flow of stormwater from the community and consequently causing flooding within the community.

Tidal datum was gathered from USGS Site # 01484690. Measurements are in US feet (ft) and HTL is 0.36' NAVD88. The accumulated material is predominantly made up of silty sediment and vegetative debris, mostly pine needles and leaf litter, is at 0.29' NAVD88. MHW is 0.17' NAVD88 and MLW is -0.11' NAVD88.

The overall goal of this project is to promote positive flow of stormwater to the Salt Pond as it drains from the community and golf course.

In order to achieve this goal, sediment will be manually removed from within the two (2) culvert pipes and from the east side of the pipes. The drainage ditch will be maintained/dipped out using a ditch bucket and laser level for approximately 250' linear feet by 5' wide by 0.5' deep. The volume of sediment to be removed will be no greater than 25 cubic yards.

The removal of the vegetated snags (branches and deadfall) and construction debris from the northside of Jeremy's Branch is needed to open the flow channel within the entire ditch; starting at the culvert pipes and ending at the terminal end at Salt Pond.

The sediment and debris removed will be staged with filtrex socks at the upland area/top of bank along Jermeys Branch Drive for dewatering and will be removed off site once dry.

# Site Location and Driving Directions

From Rt 1 (Coastal Highway) turn west onto Fred Hudson Road.  
Turn south onto McCoy's Way.  
Turn east onto Jeremy's Branch.  
The Jeremy's Branch ditch is located on the northeast corner.

**Legend**

 Jeremy's Branch



Google Earth

Image © 2024 Airbus

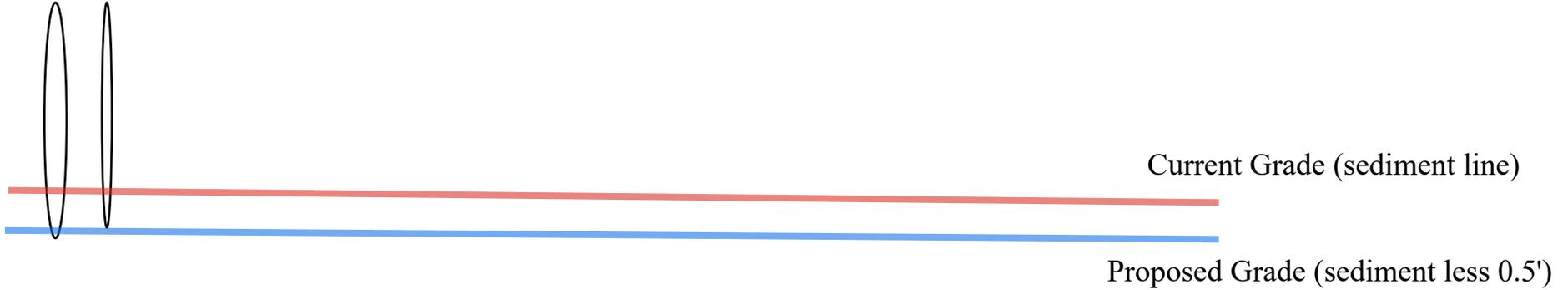


800 ft

**Jeremy's Branch - Minor Dredging Proposed Plan**  
**134-13.00-88.00**  
**Profile View of Existing Grade and Proposed Grade**



Culvert Pipes



**Jeremy's Branch - Minor Dredging Proposed Plan**  
**Overview of Dewatering Area with Dimensions**

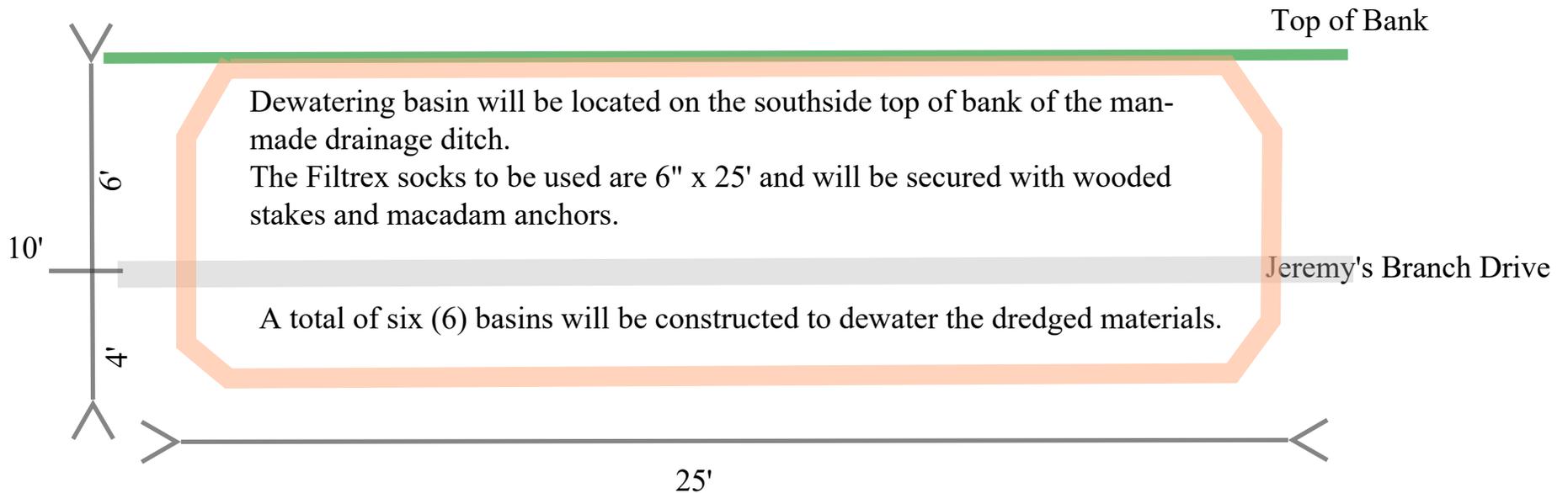
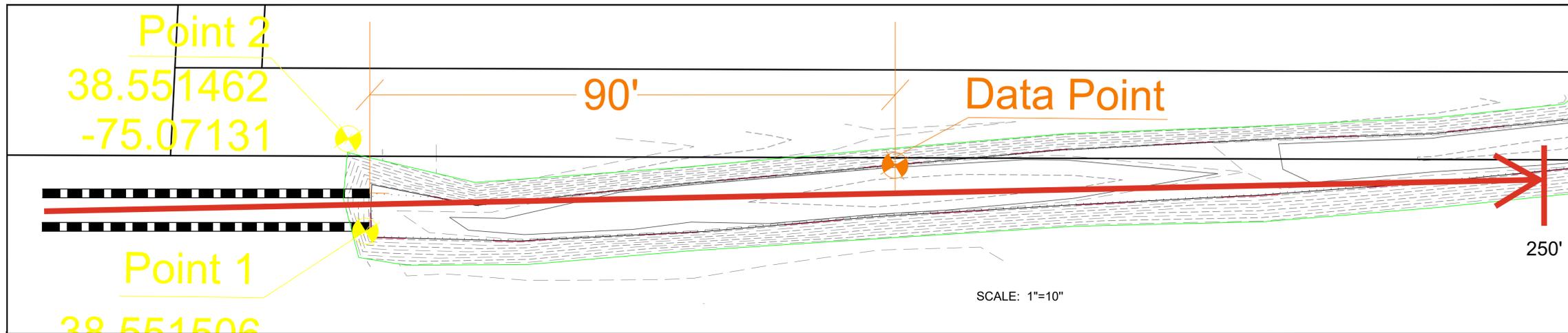
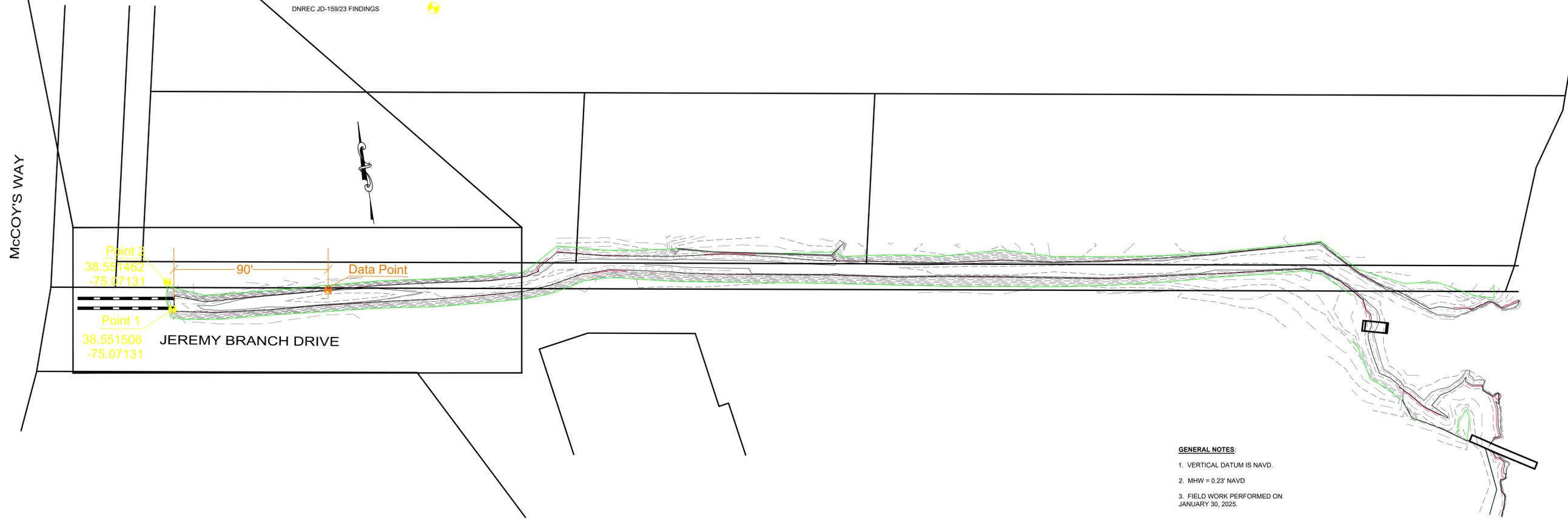


FIGURE 2. Overview with Tidal Datum, Wetland Boundary, and Data Points



**LEGEND**

- WETLAND BOUNDARY & HTL = 0.36' ---
- SEDIMENT = 0.29' ---
- MHW LINE = 0.17' ---
- MLW LINE = -0.11' ---
- WETLAND DATA POINT LOCATION ●
- DNREC JD-159/23 FINDINGS ●



- GENERAL NOTES:**
1. VERTICAL DATUM IS NAVD.
  2. MHW = 0.23' NAVD
  3. FIELD WORK PERFORMED ON JANUARY 30, 2025.

**J. STACEY HART & ASSOCIATES, INC.**

**JSH ENGINEERING**

POST OFFICE BOX 6  
SNOW HILL, MD 21863  
PHONE: 410-390-9096  
EMAIL: stacey@staceyhart.com

REVISIONS	
DATE	REVISED FOR:

**JEREMY'S BRANCH MHW LINE**

JEREMY'S BRANCH DRIVE  
BETHANY BEACH  
SUSSEX COUNTY

**ALL LINE LOCATION**

DRAWN BY: j.s.h.	DATE: 04/2025
JOB NUMBER: 2025-008	
SCALE: 1"=30'	1 of 1

FIGURE 3. Cross Section with Tidal Datum and Wetland Boundary

