



**Conowingo Dredging Pilot Project  
Public Information Meeting Webinar  
April 1, 2020 6:00 PM**

# Introductions



**Melissa Slatnick**

Environmental Section Chief  
Environmental Dredging &  
Restoration



**Mark Reemts, P.E.**

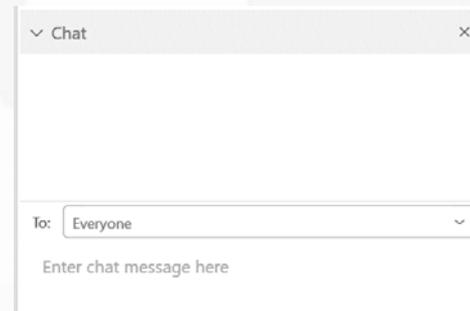
Senior Managing Engineer  
Dredging Design and  
Construction

# What to Expect Tonight

- Overview presentation of 30 minutes describing the project and local considerations
- Question and answer period
  - We ask that all attendees hold their questions until the Q&A period
  - Please use the chat feature to ask questions:



Enable the Chat Window



- Tonight's presentation will be recorded and posted on the project website at MDE:

[mde.maryland.gov/programs/Marylander/Pages/conowingo\\_pilot.aspx](http://mde.maryland.gov/programs/Marylander/Pages/conowingo_pilot.aspx)

# Agenda

- Pilot Project Summary
- Innovative Reuse & Beneficial Use of Dredged Material
- Conowingo Project Timeline
- Dredging Overview
- Staging Area Overview
- Dorsey Park Boat Launch
- Peach Bottom Road Boat Launch
- Primary Trucking Route
- Additional Info & Feedback



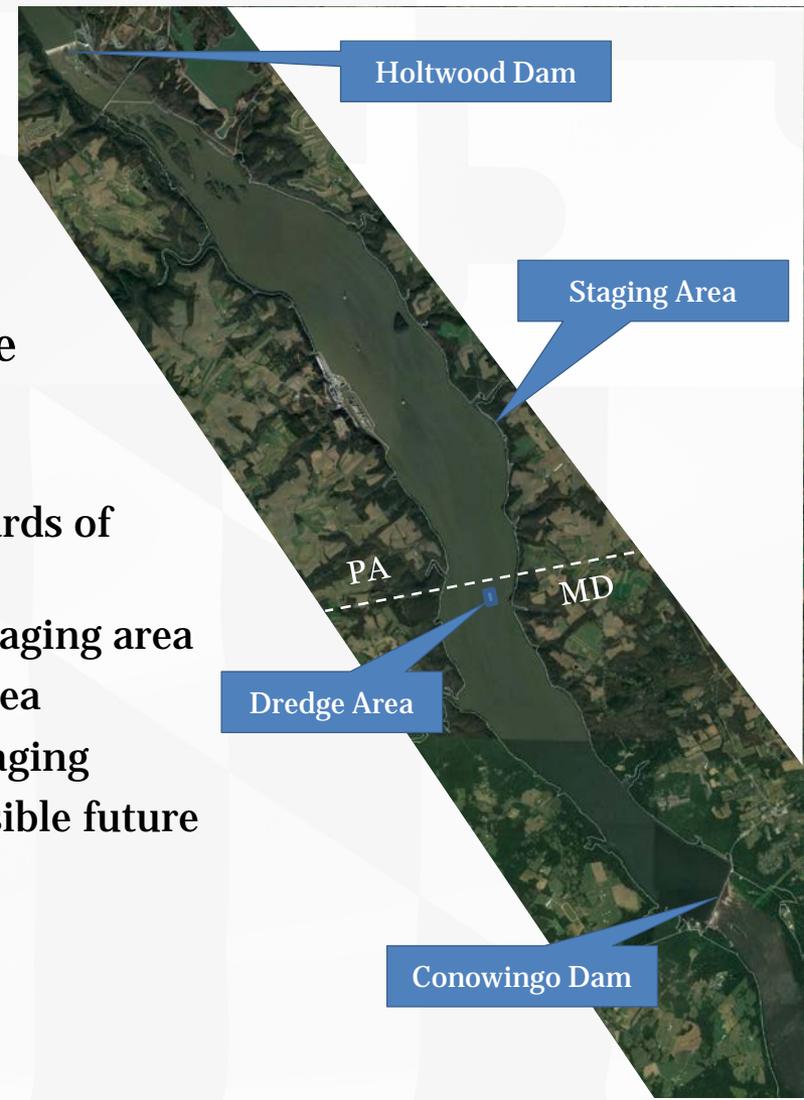
# Pilot Project Summary

## Goals

- 1 Evaluate feasibility of dredging for sediment management
- 2 Apply Maryland's Innovative Reuse and Beneficial Use guidance
- 3 Evaluate sediment properties for reuse

## Components

- Mechanically dredge approx. 1,000 cubic yards of sediment
- Transport by barge from dredging area to staging area
- Temporarily stockpile material at staging area
- Transport material off site for temporary staging
- Innovatively reuse material to evaluate possible future material uses



# Innovative Reuse & Beneficial Use of Dredged Material

- Dredged material is a resource with economic value
- MDE Guidance Document identifies opportunities and guidelines for uses
- Innovative Reuse Options
  - Landfill cover and cap
  - Soil and fill material
- Beneficial Uses
  - Habitat restoration
  - Shoreline stabilization
- Guidance is available on MDE's website:  
[mde.maryland.gov/programs/Marylander/Pages/dredging.aspx](http://mde.maryland.gov/programs/Marylander/Pages/dredging.aspx)

Dredged material is a **REPLENISHABLE RESOURCE** that can be **REPURPOSED** in a variety of ways to benefit the economy and environment



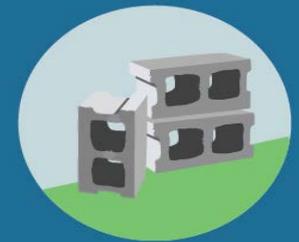
**MANUFACTURED  
TOPSOIL**



**ENVIRONMENTAL  
RESTORATION**

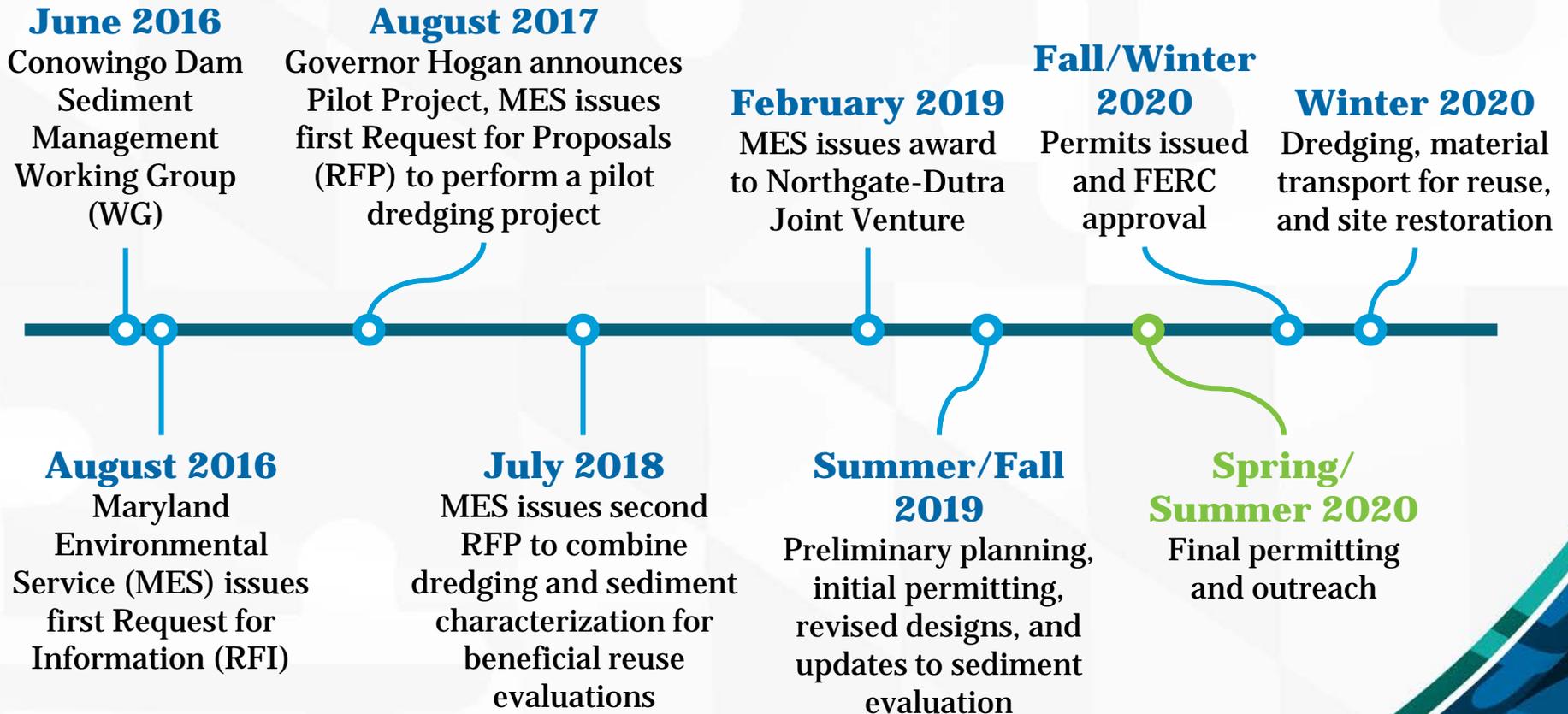


**SITE  
RECLAMATION**



**CONSTRUCTION  
MATERIALS**

# Conowingo Pilot Project Timeline



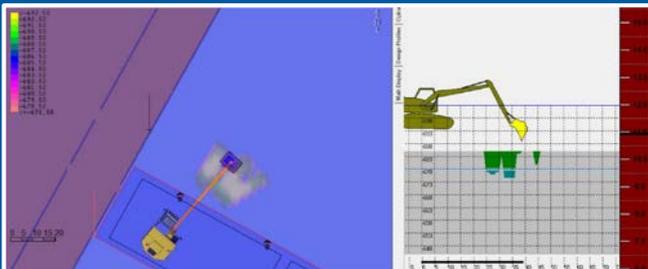
# Dredging Overview



Dredge Platform Equipment



Material Barge



Dredging Software

- Sediment will be mechanically removed by an excavator on a floating work platform constructed of modular barge sections
- Dredge area is 160x160 ft (~0.6 acres) and will target removal of 1.0 foot of sediment
- GPS positioning and real time visualization software will be used to confirm location and dredge depths
- Sediment will be transported by barge with perimeter controls (filter fabric, straw bundles) and silt curtains will surround the dredge area to protect water quality
- Dredge will move between the dredge area and staging area daily, and stored overnight at staging area
- Dredging anticipated to take approximately 4 weeks

# Staging Area

Dredged material will be temporarily stored at **Peach Bottom Road Boat Launch**

The temporary staging area will have the following:

- Entrance from Peach Bottom road
- Trailer, generator, and parking for on-site personnel
- Soil and erosion control fencing
- Material management equipment
- Graded area for dried material stockpiling
- Nearshore offloading area



## Dorsey Park Boat Launch

- Equipment launch and removal
- **Temporary closure of one boat ramp, some parking for 1 ½ weeks** at beginning and end of the project
- Closures will be posted in advance once schedule is finalized
- Will remain open during dredging



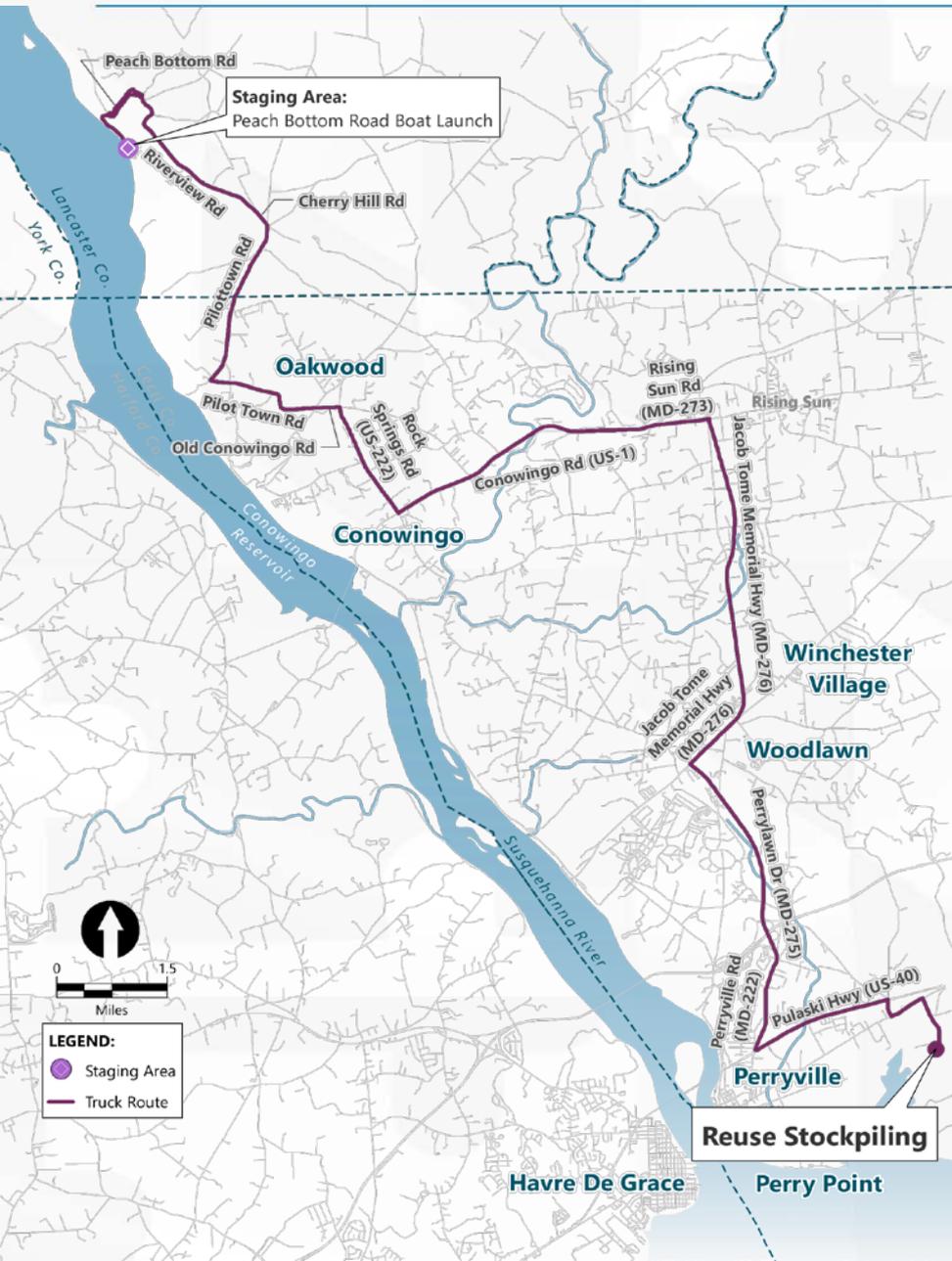
Example Barge Assembly

# Peach Bottom Road Boat Launch

- Staging Area and material offloading location
- **Temporarily closed for up to 2 months and will be restored following project completion**
- Multiple other boat launches are available for use during this period



# Primary Trucking Route



- Dredged material transport will follow the identified route from Peach Bottom Road to Perryville, Maryland for reuse stockpiling
- Other equipment to support the dredged material dewatering will arrive from multiple locations
- Anticipating approximately 70 truck loads to haul material during two, 1-week periods
- Dredge and barge sections will be mobilized at Dorsey Park

# How You Can Provide Comments

## Provide comments to Maryland Environmental Service

By email: Bill Buszinski, [wbuszinski@menv.com](mailto:wbuszinski@menv.com)  
By mail: 259 Najoles Road, Millersville, MD 21108

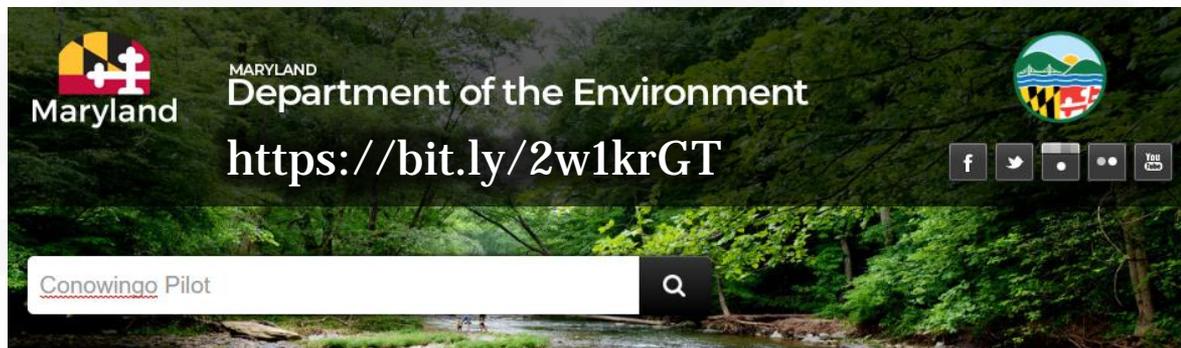
Public comments  
accepted through

**May 1, 2020**

## Additional information is available on MDE's website:

[https://mde.maryland.gov/programs/Marylander/Pages/conowingo\\_pilot.aspx](https://mde.maryland.gov/programs/Marylander/Pages/conowingo_pilot.aspx)

Or using the shortened URL will take you to the same web page



# Questions

