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

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Environmental Dredging & Restoration

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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:

• Tonight’s presentation will be recorded and posted on the project website at MDE:
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
### Conowingo Pilot Project Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>June 2016</td>
<td>Conowingo Dam Sediment Management Working Group (WG)</td>
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<tr>
<td>August 2016</td>
<td>Maryland Environmental Service (MES) issues first Request for Information (RFI)</td>
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<tr>
<td>August 2016</td>
<td>Maryland Environmental Service (MES) issues first Request for Proposals (RFP) to perform a pilot dredging project</td>
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<td>August 2017</td>
<td>Governor Hogan announces Pilot Project, MES issues first Request for Proposals (RFP) to perform a pilot dredging project</td>
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<td>February 2019</td>
<td>MES issues award to Northgate-Dutra Joint Venture</td>
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<td>Fall/Winter 2020</td>
<td>Permits issued and FERC approval</td>
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<td>Winter 2020</td>
<td>Dredging, material transport for reuse, and site restoration</td>
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<tr>
<td>Summer/Fall 2019</td>
<td>Preliminary planning, initial permitting, revised designs, and updates to sediment evaluation</td>
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<tr>
<td>Spring/Summer 2020</td>
<td>Final permitting and outreach</td>
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Dredging Overview

- 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

Other Regional Boat Launch Options
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

Other Regional Boat Launch Options

MAP

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Approximate Closure Area

Example Sediment Handling
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
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

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

https://bit.ly/2w1krGT
Questions