City of Alexandria, Virginia

Historic Ship Timbers Stabilization Plan

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Alexandria Archaeology
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Outline

1) Overview of Historic Alexandria/Alexandria Archaeology
2) Background on Waterfront Archaeology Excavations
3) Update on Ship from Hotel Indigo Site
4) Update on Ships from Robinson Terminal South Site
5) Recommendations
6) Next Steps
7) Contact Information
Alexandria Archaeology is a division of Historic Alexandria.

Museum on the 3rd floor of the Torpedo Factory – also serves as classroom and lab.

Supported by the AAC and FOAA.
Alexandria’s Historic Waterfront

Modern Shoreline

Hotel Indigo Site
44AX229

Robinson Terminal South Site
44AX235
Ship from the Hotel Indigo Site
Examples of Reconstructed Ship Exhibitions

Ship from the Hotel Indigo Site
Update: Three 18th-Century Ships
Robinson Terminal South Site

- 3 ships and a 15’ section of wharf; 1000+ timbers
- Warehoused in 9 pools of water
Update: Three 18th-Century Ships
Robinson Terminal South Site

Phase 1 (Ongoing since FY19)
Stabilization – In wet-storage at Bus Barn

Phase 2 (FY20)
Documentation – 3D laser scanning and modeling

Phase 3 (TBD)
Storage and Selective Conservation – With the goal to preserve the timbers, free from damage or decay
Update: Three 18th-Century Ships
Robinson Terminal South Site

3D Laser Scanning Ship Timbers
Phase 3 Storage and Selective Conservation – Options

1) Storage

2) Conservation
## Historic Ship Timbers Stabilization

### Phase 3 – Storage

#### Options Considered

Team assessed specific options for these alternatives: OHA, DPI, TES, Parks and Rec, GS

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<thead>
<tr>
<th>Type of Storage or Next Step</th>
<th>Locations</th>
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<tr>
<td>Submerging in Pond Storage</td>
<td>Ben Brenman Pond</td>
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<tr>
<td></td>
<td>Lake Cook</td>
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<tr>
<td></td>
<td>Windmill Hill Park</td>
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<tr>
<td>Rebury Underground Storage</td>
<td>Four Mile Run Park</td>
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<td>Hensley Park</td>
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<tr>
<td>Continued Tank Storage</td>
<td>Victory Center Parking Lot</td>
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<td>Commercial Warehouse</td>
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<tr>
<td>Full Conservation</td>
<td>Climate-controlled Storage or Exhibition</td>
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Historic Ship Timbers Stabilization

Phase 3 – Storage
Current Preferred Option

- Ben Brenman Pond: **Medium-term storage** option that preserves the possibility of future study and/or conservation

- Ease of access
- Potential damage to artifacts can be preemptively mitigated and monitored
- Low likelihood to affect water quality
- Lower long-term cost
- Less City-resource intensive
Historic Ship Timbers Stabilization

OHA Historic Ship Stabilization
Preferred Site Location - Ben Brenman Pond

Date: Friday, November 1, 2019
Alexandria Archaeology Digital Atlas
Immediate Next Steps
• Pending funding
• Development of 3 Interpretive Signs

Future Steps
• Site interpretation
• Implement monitoring schedule
• Reassessment in 20 years
Questions, Comments, Feedback?

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