REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

DATE: 28 August 2019

TO: The Record
FROM: U.S. Army Corps of Engineers
26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
Matawan Creek, New Jersey

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>DATE OF SURVEY</th>
<th>AUTHORIZED PROJECT</th>
<th>LEFT OUTSIDE QUARTER (feet)</th>
<th>MIDDLE HALF (feet)</th>
<th>RIGHT OUTSIDE QUARTER (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reach A:</td>
<td></td>
<td>Request No. 4851/A; Pg 1 &amp; 2 of 3; 27 June, 1, 12, 18 July 2019</td>
<td>100 – 40</td>
<td>0.55</td>
<td>4</td>
</tr>
<tr>
<td>Reach B:</td>
<td></td>
<td>Request No. 4851/A; Pg 2 of 3; 27 June, 1, 12, 18 July 2019</td>
<td>100 – 25</td>
<td>0.25</td>
<td>4</td>
</tr>
</tbody>
</table>

< 100 FEET WIDE

<table>
<thead>
<tr>
<th></th>
<th>WIDTH (feet)</th>
<th>LENGTH (nmiles)</th>
<th>DEPTH (feet)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reach C:</td>
<td>75 – 40</td>
<td>0.18</td>
<td>4</td>
<td>1.2</td>
</tr>
<tr>
<td>Reach D:</td>
<td>75 – 40</td>
<td>0.75</td>
<td>4</td>
<td>0.2</td>
</tr>
</tbody>
</table>

REMARKS:
- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

MATAWAN CREEK

- **Reach A:** Minor edge shoaling exists in the Right Outside Quarter and Left Outside Quarter extending to the Middle Half of this reach. The controlling depth of -3.6 feet MLLW exists in the Right Outside Quarter approximately 250 feet landward from the channel’s first bend.

- **Reach B:** Scattered shoaling exists throughout the entire channel width in this reach. The controlling depth of -2.1 feet MLLW exists in the Right Outside Quarter at approximately 580 feet landward from the beginning of the reach.

- **Reach C:** Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of -1.2 feet MLLW exists in the right side of the channel at approximately 455 feet seaward from the end of the reach.

- **Reach D:** Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of -0.2 feet MLLW exists in the right side of the channel approximately 965 feet seaward from the end of this reach.