REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

PAGE 1 OF 2 PAGES

DATE 18 February 2020

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:
Flushing Bay and Creek, New York

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>DATE OF SURVEY</th>
<th>WIDTH (feet)</th>
<th>LENGTH (nMiles)</th>
<th>DEPTH (feet)</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 (Main Channel):</td>
<td>Request No. 4888/N3; 2019</td>
<td>300-245</td>
<td>1.49</td>
<td>15</td>
<td>11.4</td>
<td>14.2</td>
<td>6.7</td>
</tr>
<tr>
<td>Reach B (Creek Channel):</td>
<td>Request No. 4888/N3; 2019</td>
<td>245-135</td>
<td>0.46</td>
<td>15</td>
<td>9.8</td>
<td>13.7</td>
<td>11.3</td>
</tr>
<tr>
<td>Reach C (Creek Channel):</td>
<td>Request No. 4888/N3; 2019</td>
<td>200-75</td>
<td>0.21</td>
<td>15</td>
<td>9.3</td>
<td>9.4</td>
<td>6.4</td>
</tr>
<tr>
<td>Reach D (Creek Channel):</td>
<td>Request No. 4888/N3; 2019</td>
<td>200-75</td>
<td>0.26</td>
<td>15</td>
<td>0.5</td>
<td>+1.2</td>
<td>+1.9</td>
</tr>
<tr>
<td>No Survey Coverage in E</td>
<td>Request No. 4888/N3; 2019</td>
<td>175-120</td>
<td>0.07</td>
<td>15</td>
<td>No survey coverage exists in this reach.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reach F (Branch Channel):</td>
<td>Request No. 4888/N3; 2019</td>
<td>215</td>
<td>0.10</td>
<td>15</td>
<td>10.9</td>
<td>9.4</td>
<td>7.4</td>
</tr>
</tbody>
</table>

NAME OF CHANNEL

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>AUTHORIZED PROJECT</th>
<th>WIDTH (feet)</th>
<th>AREA (acres)</th>
<th>DEPTH (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reach G:</td>
<td>Request No. 4888/N3;</td>
<td>Irregular</td>
<td>25.6</td>
<td>4.2</td>
</tr>
<tr>
<td>Reach H:</td>
<td>Request No. 4888/N3;</td>
<td>Irregular</td>
<td>1.0</td>
<td>2.8</td>
</tr>
<tr>
<td>Reach I:</td>
<td>Request No. 4888/N3;</td>
<td>Irregular</td>
<td>47.9</td>
<td>1.4</td>
</tr>
</tbody>
</table>

ENG FORM 4021-R, Nov 90

EDITION OF JUL 59 IS OBSOLETE
(Proponent: CECW-OM)
REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles
  *Survey coverage does not exist in Reach E.

FLUSHING BAY AND CREEK:

**Reach A:** Shoaling exists intermittently along the Left Outside Quarter and Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -6.7 feet MLLW exists in the Right Outside Quarter approximately 390 feet landward from RESTRICTED AREA BUOY FLOOD.

**Reach B:** Shoaling exists intermittently along the Left Outside Quarter extending into the Middle Half and the Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -9.8 feet MLLW exists in the Left Outside Quarter approximately 140 feet landward of GREEN CAN #17 EBB.

**Reach C:** Shoaling exists intermittently along the Left Outside Quarter extending into the Middle Half and the Right Outside Quarter extending into the Middle Half of this reach. The controlling depth of -6.4 feet MLLW is located in the Right Outside Quarter at a point approximately 605 feet seaward of the landward terminus of this reach.

**Reach D:** Shoaling exists throughout the entire width of the channel for the majority of this reach. The controlling depth of +1.9 feet MLLW is located in the Right Outside Quarter approximately 740 feet landward of the seaward terminus of this reach.

**Reach E:** No survey coverage exists in this reach.

**Reach F:** Shoaling exists throughout the majority of this reach. The controlling depth of -7.4 feet MLLW is located in the Right Outside Quarter at a point approximately 90 feet seaward of RESTRICTED AREA BUOY W/ LIGHT EBB.

**Reach G:** Shoaling exists throughout the majority of this reach. The controlling depth of -4.2 feet MLLW exists at the southern boundary of this reach closest to GREEN CAN #1 EBB.

**Reach H:** Shoaling exists throughout this entire reach. The controlling depth of -2.8 feet MLLW exists at approximately 209 feet seaward from the southwestern boundary of this reach.

**Reach I:** Shoaling exists throughout this entire reach. The controlling depth of -1.4 feet MLLW exists at the northern corner of this reach.