<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Upcurrent (Ambient)</th>
<th>Downcurrent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample ID</td>
<td>083017-TIDO-F-U</td>
<td>083017-TIDO-F-D</td>
</tr>
<tr>
<td>Sample Time</td>
<td>13:20</td>
<td>13:05</td>
</tr>
<tr>
<td>Parameter</td>
<td>Total Susp Solids</td>
<td>PCB</td>
</tr>
<tr>
<td></td>
<td>Mercury</td>
<td>0.07</td>
</tr>
<tr>
<td></td>
<td>Nickel</td>
<td>3.7</td>
</tr>
<tr>
<td></td>
<td>Copper</td>
<td>2.6</td>
</tr>
<tr>
<td></td>
<td>Lead</td>
<td>1.8</td>
</tr>
<tr>
<td></td>
<td>Zinc</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Aroclor 1242</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Aroclor 1248</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Aroclor 1260</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Phenanthrene</td>
<td>0.1</td>
</tr>
<tr>
<td></td>
<td>Total Susp Solids</td>
<td>100</td>
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<tr>
<td></td>
<td>Mercury</td>
<td>0.07</td>
</tr>
<tr>
<td></td>
<td>Nickel</td>
<td>3.7</td>
</tr>
<tr>
<td></td>
<td>Copper</td>
<td>2.6</td>
</tr>
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<td></td>
<td>Aroclor 1260</td>
<td>0.2</td>
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<tr>
<td></td>
<td>Phenanthrene</td>
<td>0.1</td>
</tr>
<tr>
<td>Detection Limit</td>
<td>Ambient* 100 ppm</td>
<td>0.0007</td>
</tr>
<tr>
<td>Water Quality Standard</td>
<td>* 8.2, 8.0, 8.0, 66</td>
<td>--</td>
</tr>
<tr>
<td>Analytical Result</td>
<td>S, NS</td>
<td>NS</td>
</tr>
<tr>
<td>Source Location</td>
<td>Area 1B (Bent 28-30 approximately)</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
1. Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
2. Samples collected close to turbidity curtain as practicable
3. Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
4. S = Near Surface, M = Mid-Depth, B = Near Bottom
   - No detection limit or water quality standard
   * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best uses
   ND = Not Detected
   NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.
### Survey Date
08/31/2017

### Survey Type
V - Vessel Based

### Construction Activity
TIDO - Timber Dolphin Removal

### Tide
Ebb

### Source Location
Area 1B (Bent 28 approximately)

### Sample Location

<table>
<thead>
<tr>
<th>Distance to Source</th>
<th>Ambient + 100 ft</th>
<th>150 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample Time</strong></td>
<td><strong>10:01</strong></td>
<td><strong>09:48</strong></td>
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</tbody>
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### Parameter

<table>
<thead>
<tr>
<th>Unit</th>
<th>Total Suspended Solids</th>
<th>Mercury</th>
<th>Nickel</th>
<th>Copper</th>
<th>Lead</th>
<th>Zinc</th>
<th>PCB</th>
<th>Naphthalene</th>
<th>Benz(alk)ylene</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Detection Limit

- Ambient + 100 ft
  - Mercury: 0.07 ppm
  - Nickel: 3.7 ppm
  - Copper: 2.6 ppm
  - Lead: 1.8 ppm
  - Zinc: 5.6 ppm
  - PCB: 0.2 ppm
  - Naphthalene: 0.2 ppm
  - Benz(alk)ylene: 0.2 ppm

### Water Quality Standard

- Ambient + 100 ft
  - Mercury: 0.0007 ppm
  - Nickel: 8.2 ppm
  - Copper: 5.6 ppm
  - Lead: 8.0 ppm
  - Zinc: 66 ppm
  - PCB: 16 ppm
  - Naphthalene: 0.0006 ppm
  - Benz(alk)ylene: 0.0006 ppm

### Analytical Result

- **S**
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND

- **M**
  - 11.2
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND

- **B**
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND
  - ND

### Notes:

1. Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible.
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