**Survey Date**: 12/8/16  
**Survey Type**: B - Barge Based  
**Construction Activity**: DEC - Decanting  
**Comments**: Decanting from Drilled Shafts  
**Tide**: Ebb  
**Source Location**: P42EB  

### Sample Location

**Sample Location** | **Upcurrent (Ambient)** | **Downcurrent**
--- | --- | ---
**Sample ID** | 120816-DSDC-F-U | 12082016-DSDC-F-D
**Sample Time** | 7:36 | 7:31
**Distance to Source** | Approx. 300 ft\(^1\) | 10 ft\(^2\)
**Sample ID** | 120816-DSDC-F-U | 12082016-DSDC-F-D

### Parameter:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Total Suspended Solids</th>
<th>Mercury</th>
<th>Nickel</th>
<th>Copper</th>
<th>Lead</th>
<th>Zinc</th>
<th>PCB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient + 100</td>
<td>0.07</td>
<td>3.7</td>
<td>2.6</td>
<td>5.6</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
</tr>
<tr>
<td>Total Suspended Solids</td>
<td>0.07</td>
<td>3.7</td>
<td>2.6</td>
<td>5.6</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
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</table>

### Water Quality Standard:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Total Suspended Solids</th>
<th>Mercury</th>
<th>Nickel</th>
<th>Copper</th>
<th>Lead</th>
<th>Zinc</th>
<th>PCB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient + 100</td>
<td>0.0007</td>
<td>8.2</td>
<td>5.6</td>
<td>8.0</td>
<td>66</td>
<td>16</td>
<td>0.0006</td>
</tr>
<tr>
<td>Total Suspended Solids</td>
<td>0.0007</td>
<td>8.2</td>
<td>5.6</td>
<td>8.0</td>
<td>66</td>
<td>16</td>
<td>0.0006</td>
</tr>
</tbody>
</table>

### Analytical Result:

<table>
<thead>
<tr>
<th>Analytical Result</th>
<th>S</th>
<th>M</th>
<th>B</th>
<th>NS</th>
<th>NS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection Limit(^3)</td>
<td>--</td>
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</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 as close to turbidity curtain as practicable.
4. S = Near Surface, M = Mid-Depth, B = Near Bottom.

---

### Environmental Conservation:

No detection limit or water quality standard.

---

**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 as close to turbidity curtain as practicable.
4. S = Near Surface, M = Mid-Depth, B = Near Bottom.

---

**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.
<table>
<thead>
<tr>
<th>Parameter</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>Total Suspended Solids</th>
<th>Mercury</th>
<th>Nickel</th>
<th>Copper</th>
<th>Lead</th>
<th>Zinc</th>
<th>PCB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient</td>
<td>100</td>
<td>0.07</td>
<td>3.7</td>
<td>2.6</td>
<td>1.8</td>
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<td>0.2</td>
<td>0.1</td>
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<tr>
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<td>3.7</td>
<td>2.6</td>
<td>1.8</td>
<td>5.6</td>
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<td>0.1</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 as close to turbidity curtain as practicable.
4. S = Near Surface, M = Mid-Depth, B = Near Bottom
---

Survey Date: 12/9/16
Survey Type: B - Barge Based
Construction Activity: DEC - Decanting
Comments: Decanting from Drilled Shafts

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Upcurrent (Ambient)</th>
<th>Downcurrent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Location</td>
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</table>

- **Ebb**

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Sample ID</th>
<th>Sample Time</th>
<th>Parameter</th>
<th>Unit (ppm)</th>
<th>Detection Limit (ppm)</th>
<th>Water Quality Standard (ppb)</th>
<th>Analytical Result</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120916-DSDC-E-U</td>
<td>8:35</td>
<td>Total Suspended Solids</td>
<td>(ppb)</td>
<td>Ambient</td>
<td>0.0007</td>
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</tr>
<tr>
<td></td>
<td>12092016-DSDC-E-D</td>
<td>8:25</td>
<td>Total Suspended Solids</td>
<td>(ppb)</td>
<td>Ambient</td>
<td>0.0007</td>
<td>8.2</td>
</tr>
</tbody>
</table>

**Notes:**
- 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.
- a = Data not available due to equipment malfunction.
<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Upcurrent (Ambient)</th>
<th>Downcurrent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Location</td>
<td>P42EB</td>
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<td>Sample ID</td>
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<td>Sample Time</td>
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<td>9:57</td>
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<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit (ppm)</th>
<th>(ppb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Suspended Solids</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercury</td>
<td>Ambient = 0.07</td>
<td>3.7</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>Nickel</td>
<td></td>
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<tr>
<td>Copper</td>
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<tr>
<td>Lead</td>
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<tr>
<td>PCB</td>
<td>0.2</td>
<td></td>
</tr>
<tr>
<td>Aroclor 1242</td>
<td></td>
<td></td>
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<tr>
<td>Aroclor 1248</td>
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<tr>
<td>Aroclor 1254</td>
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<tr>
<td>Aroclor 1260</td>
<td></td>
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</tr>
<tr>
<td>Naphthalene</td>
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<tr>
<td>Benzo(a)pyrene</td>
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<tr>
<td>PCB</td>
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</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit (ppm)</th>
<th>(ppb)</th>
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<tbody>
<tr>
<td>Water Quality Standard</td>
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<tr>
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<table>
<thead>
<tr>
<th>Analytical Result</th>
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<tbody>
<tr>
<td>S</td>
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<td>NS</td>
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</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 as 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 usages
   - 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.