Location: Cohotate preserve – Ice house site –

Area: The ice house is a flat, grassy area on the river with several cotton wood trees. It is situated at the bottom of a forested hill. Large waterfront vegetated. The artificial shoreline of the bulkhead dominates the eastern shore. Shoreline is characterized by tidal mudflats. Area is used recreationally for picnicking, hiking and fishing. Ice house is approximately ½ miles walk from the parking area.

Surrounding Land Use: Forested 85%, Beach 3%; Urban/residential 20%; Industrial Commercial 7%;

Sampling Site: Beach area, Shoreline includes tidal mud flats in the southeast, with a rocky shore further south. To the north of the tidal mud flat there is an old bulkhead, with another tidal flat to the north of the bulkhead, rip rap in sections.
The banks have been altered at the bulkhead (entire ice house area is likely dredge spoil), wood and debris are collected in the southern mudflat, there is lots of vegetation and no pipes entering the water.

Water Depth: We fish at the southern mud flat, which has a muddy bottom and a variable depth, depending on tide.

River Bottom: Muddy, rocky, weedy

Plants in area: Less than half the sampling site

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Time</th>
<th>Reading 1</th>
<th>Reading 2</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Temperature</td>
<td>9:55 AM</td>
<td>13 °C</td>
<td>54.9°F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10:46 AM</td>
<td>13.9 °C</td>
<td>57.2°F</td>
<td></td>
</tr>
<tr>
<td>Wind Speed</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Cloud Cover</td>
<td>Mostly cloudy</td>
<td></td>
<td>Winds from NW</td>
<td></td>
</tr>
<tr>
<td>Weather today</td>
<td>fog burned off and became partly sunny</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weather recently</td>
<td>lovely</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Temperature</td>
<td>10:10 AM</td>
<td>15.9°C</td>
<td>58.8°F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11:00 AM</td>
<td>15.4°C</td>
<td>59.7°F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11:50 AM</td>
<td>15.3°C</td>
<td>59.7°F</td>
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</tr>
<tr>
<td>Water</td>
<td>calm</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Turbidity</strong></td>
<td>10:15 AM</td>
<td>33</td>
<td>55</td>
<td>41</td>
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<td>---------------</td>
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<td>----</td>
<td>----</td>
<td>----</td>
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<tr>
<td><strong>Chlorophyll</strong></td>
<td>10:00 AM</td>
<td>0.4</td>
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<table>
<thead>
<tr>
<th><strong>Chemical</strong></th>
<th>9:55 AM</th>
<th>5.5 ppm</th>
<th>15°C</th>
<th>55%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DO (drop count kit)</td>
<td>9:55 AM</td>
<td>7.5</td>
<td>7.5</td>
<td>7.5</td>
</tr>
<tr>
<td>pH – color match kit</td>
<td>10:00 AM</td>
<td>38</td>
<td>20</td>
<td>22</td>
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<table>
<thead>
<tr>
<th><strong>Fish Catch</strong></th>
<th>Total #</th>
<th>Species – 7 species &amp; 21 total</th>
<th>Length</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 pulls</td>
<td>5</td>
<td>White Perch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>Herring</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Spottail Shiner</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Tides</strong></th>
<th>9:40 AM</th>
<th>Set stick</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>10:20 AM</td>
<td>3 meters</td>
</tr>
<tr>
<td></td>
<td>11:15 AM</td>
<td>4.9 meters</td>
</tr>
<tr>
<td></td>
<td>12:00 PM</td>
<td>6.2 meters</td>
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<table>
<thead>
<tr>
<th><strong>Currents</strong></th>
<th>Cm/60 sec</th>
<th>Cm/sec</th>
<th>Kts</th>
<th>flow</th>
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<tbody>
<tr>
<td>9:45AM</td>
<td></td>
<td></td>
<td></td>
<td>South/ebb</td>
</tr>
<tr>
<td>10:43 AM</td>
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<td></td>
<td></td>
<td>South/ebb</td>
</tr>
<tr>
<td>11:32 AM</td>
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<td>South/ebb</td>
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<table>
<thead>
<tr>
<th><strong>Core Description</strong></th>
<th>10:45 AM</th>
<th>Sailboat</th>
<th>South</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 AM</td>
<td>Barge</td>
<td>White</td>
<td>South/Loaded</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Recreational Boat</td>
<td>South</td>
<td></td>
</tr>
<tr>
<td>12:05 PM</td>
<td>Cruise Ship</td>
<td>South/ Humans</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Other</strong></th>
<th>10:45 AM</th>
<th>Sailboat</th>
<th>South</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 AM</td>
<td>Barge</td>
<td>White</td>
<td>South/Loaded</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Recreational Boat</td>
<td>South</td>
<td></td>
</tr>
<tr>
<td>12:05 PM</td>
<td>Cruise Ship</td>
<td>South/ Humans</td>
<td></td>
</tr>
</tbody>
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