Lake Erie AU Description
Lake Erie Western Basin Shoreline (including Maumee Bay and Sandusky Bay)

Integrated Report Assessment Category: 5  Priority Points: 7
Next Scheduled Monitoring: 2012

Aquatic Life Use (ALU) Assessment
Subcategories of ALU: EWH  Sampling Year(s): 1995 - 2003
Impairment: Yes (5)

| Lake Erie AU Total Length (miles): | 167.50 |
| Lake Erie AU Monitored Miles:      | 167.50 |
| No. Sites Sampled:                | 35     |
| No. Sites Full Attainment:        | 1      |
| No. Sites Partial Attainment:     | 3      |
| No. Sites Non-Attainment:         | 31     |

% Lake Erie AU Attainment (Monitored Sites)

<table>
<thead>
<tr>
<th></th>
<th>Full</th>
<th>Partial</th>
<th>Non</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.8</td>
<td>8.6</td>
<td>88.6</td>
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</table>

High Magnitude Causes
- Nutrients
- Siltation
- Organic Enrichment/DO
- Exotic Species

High Magnitude Sources
- Municipal Point Source
- Combined Sewer Overflow
- Nonirrigated Crop Production

Recreation Use Assessment
Subcategory of Use: Bathing Waters
Impairment: Yes (5)

Number of Beaches: 8  Average No. Days E. coli Criteria Exceeded per Beach per Season: 11

Other:

Fish Tissue Assessment
Waters Within the Lake Erie AU Sampled and Assessed: Yes
Impairment: Yes (5)  Pollutant(s): PCBs
Shoreline Miles Monitored: 167.50  Shoreline Miles Impaired: 167.50

Comments
The aquatic life use assessment was restricted to fish community data collected from the Western Basin using monitoring and assessment protocols developed for the Lake Erie shoreline habitat.
Lake Erie AU Description
Lake Erie Central Basin Shoreline

Integrated Report Assessment Category: 5  
Priority Points: 7  
Next Scheduled Monitoring: 2012

Aquatic Life Use (ALU) Assessment
Subcategories of ALU: EWH  
Sampling Year(s): 1995 - 2002
Impairment: Yes (5)

<table>
<thead>
<tr>
<th>Lake Erie AU Total Length (miles):</th>
<th>129.50</th>
<th>No. Sites Full Attainment:</th>
<th>13</th>
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<tbody>
<tr>
<td>Lake Erie AU Monitored Miles:</td>
<td>129.50</td>
<td>No. Sites Partial Attainment:</td>
<td>9</td>
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<tr>
<td>No. Sites Sampled:</td>
<td>50</td>
<td>No. Sites Non-Attainment:</td>
<td>28</td>
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% Lake Erie AU Attainment (Monitored Sites)

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<tr>
<th>Full</th>
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<tbody>
<tr>
<td>26.0</td>
<td>18.0</td>
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High Magnitude Causes:
- Nutrients
- Siltation
- Direct Habitat Alterations
- Exotic Species

High Magnitude Sources:
- Major Municipal Point Source
- Combined Sewer Overflow
- Urban Runoff/Storm Sewers (NPS)
- Nonirrigated Crop Production
- Streambank Modification/Destabilization
- Habitat Modifications other than Hydromodification
- Other

Recreation Use Assessment
Subcategory of Use: Bathing Waters
Impairment: Yes (5)

Number of Beaches: 13  
Average No. Days E. coli Criteria Exceeded per Beach per Season: 18

Other:

Fish Tissue Assessment
Waters Within the Lake Erie AU Sampled and Assessed: Yes
Impairment: Yes (5)  
Pollutant(s): PCBs

Shoreline Miles Monitored: 129.50  
Shoreline Miles Impaired: 129.50

Comments
The aquatic life use assessment was restricted to fish community data collected from the Central Basin using monitoring and assessment protocols developed for the Lake Erie shoreline habitat.
Ohio EPA 2006 Integrated Report Appendix E.4
Lake Erie Assessment Unit Results

Lake Erie AU Description
Lake Erie Islands Shoreline

Integrated Report Assessment Category: 5
Priority Points: 6
Next Scheduled Monitoring: 2012

Aquatic Life Use (ALU) Assessment

Subcategories of ALU: EWH
Impairment: Yes (5)
Sampling Year(s): 2000, 2002

<table>
<thead>
<tr>
<th>Lake Erie AU Total Length (miles):</th>
<th>14.70</th>
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<tbody>
<tr>
<td>Lake Erie AU Monitored Miles:</td>
<td>14.70</td>
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<tr>
<td>No. Sites Sampled:</td>
<td>8</td>
</tr>
</tbody>
</table>

No. Sites Full Attainment: 4
No. Sites Partial Attainment: 3
No. Sites Non-Attainment: 1

% Lake Erie AU Attainment (Monitored Sites)

<table>
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<th>Partial</th>
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<tr>
<td>50.0</td>
<td>37.5</td>
<td>12.5</td>
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</table>

High Magnitude Causes
- Nutrients
- Siltation
- Direct Habitat Alterations
- Exotic Species

High Magnitude Sources
- Municipal Point Source
- Combined Sewer Overflow
- Nonirrigated Crop Production
- Other

Recreation Use Assessment

Subcategory of Use: Bathing Waters
Impairment: No (1)

Number of Beaches: 2
Average No. Days E. coli Criteria Exceeded per Beach per Season: 0

Other:

Fish Tissue Assessment

Waters Within the Lake Erie AU Sampled and Assessed: Yes
Impairment: Yes (5)
Pollutant(s): PCBs

Shoreline Miles Monitored: 14.70
Shoreline Miles Impaired: 14.70

Comments
The aquatic life use assessment was restricted to fish community data collected from the Lake Erie Islands using monitoring and assessment protocols developed for the Lake Erie shoreline habitat.