

### Appendix A-3. Specific Assessment Information for Lake Michigan Open Waters, Harbors, and Shoreline, 2024

|                     |                       |
|---------------------|-----------------------|
| <b>Code</b>         |                       |
| <i>Abbreviation</i> | <i>Use Attainment</i> |
| *Any causes listed  | Not Supporting        |
| F                   | Fully Supporting      |
| X                   | Not Assessed          |

| Cause Abbreviations |   |
|---------------------|---|
| <i>Abbreviation</i> | <i>Parameter</i>  |
| 2,4-D               | 2,4-DINITROPHENOL                                       |
| Aldrin              | ALDRIN  |
| Algae               | ALGAE   |
| A-BHC               | ALPHA-BHC   |
| StreamAlt           | ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS |
| Ammonia (tot)       | AMMONIA, TOTAL  |
| AqPlants            | AQUATIC PLANTS (MACROPHYTES)                            |
| As                  | ARSENIC   |
| Atrazine            | ATRAZINE  |
| Ba                  | BARIUM  |
| Be                  | BERYLLIUM   |
| B                   | BORON   |
| BotDep              | BOTTOM DEPOSITS   |
| Cd                  | CADMIUM   |
| CauseUnk            | CAUSE UNKNOWN   |
| Chlordane           | CHLORDANE   |
| Chloride            | CHLORIDE  |
| ChlorHerbs(2,4-D)   | CHLOROPHENOXY HERBICIDES (2,4-D)                        |
| Cr                  | CHROMIUM TOTAL  |
| Color               | COLOR   |
| Cu                  | COPPER  |
| CN                  | CYANIDE   |
| DDT                 | DDT (DICHLORODIPHENYLTRICHLOROETHANE)                   |

| Cause Abbreviations |                                       |
|---------------------|---------------------------------------|
| <i>Abbreviation</i> | <i>Parameter</i>                      |
| Methoxychlor        | METHOXYCHLOR                          |
| Mirex               | MIREX                                 |
| Ni                  | NICKEL                                |
| N                   | NITROGEN                              |
| N-Nitrate           | NITROGEN, NITRATE                     |
| TN                  | NITROGEN, TOTAL                       |
| NonNativePlants     | NON-NATIVE AQUATIC PLANTS             |
| NonNativeOrg        | NON-NATIVE FISH/SHELLFISH/ZOOPLANKTON |
| Odor                | ODOR                                  |
| Oil                 | OIL                                   |
| OilGrease           | OIL AND GREASE                        |
| Petroleum           | PETROLEUM HYDROCARBONS                |
| pH                  | PH                                    |
| TP                  | PHOSPHORUS, TOTAL                     |
| PCBs                | POLYCHLORINATED BIPHENYLS (PCBS)      |
| SedODemand          | SEDIMENT OXYGEN DEMAND                |
| Sed/Silt            | SEDIMENTATION/SILTATION               |
| Ag                  | SILVER                                |
| Simazine            | SIMAZINE                              |
| Sludge              | SLUDGE                                |
| SO2                 | SULFATE                               |
| TEMP                | TEMPERATURE                           |
| Terbufos            | TERBUFOS                              |

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|             |  |
|-------------|--|
| Trash       | DEBRIS/FLOATABLES/TRASH                            |
| Dieldrin    | DIELDRIN   |
| Dioxin      | DIOXIN (INCLUDING 2,3,7,8,-TCDD)                   |
| DO          | DISSOLVED OXYGEN                                   |
| Endrin      | ENDRIN   |
| E. coli     | ESCHERICHIA COLI (E. COLI)                         |
| EtOH        | ETHANOL  |
| FC          | FECAL COLIFORM                                     |
| FishKill    | FISH KILL(S)                                       |
| FishBarrier | FISH PASSAGE BARRIER                               |
| FlowAlt     | FLOW ALTERATION-CHANGES IN DEPTH AND FLOW VELOCITY |
| FlowMod     | FLOW REGIME MODIFICATION                           |
| F           | FLUORIDE   |
| HabAlt      | HABITAT ALTERATIONS                                |
| Heptachlor  | HEPTACHLOR   |
| HCB         | HEXACHLOROBENZENE                                  |
| Fe          | IRON   |
| Pb          | LEAD   |
| Lindane     | LINDANE  |
| CoverLoss   | LOSS OF INSTREAM COVER                             |
| LowFlow     | LOW FLOW ALTERATIONS                               |
| Mn          | MANGANESE  |
| Hg          | MERCURY  |

|           |                              |
|-----------|------------------------------|
| TDS       | TOTAL DISSOLVED SOLIDS (TDS) |
| TSS       | TOTAL SUSPENDED SOLIDS (TSS) |
| Toxaphene | TOXAPHENE                    |
| TURB      | TURBIDITY                    |
| Zn        | ZINC                         |

| Designated Uses     |   |
|---------------------|---|
| <i>Abbreviation</i> | <i>Use</i>                              |
| ALU                 | Aquatic Life Use                        |
| AQU                 | Aesthetic Quality Use                   |
| FCU                 | Fish Consumption Use                    |
| PCU                 | Primary Contact Use                     |
| PFWS                | Public and Food Processing Water Supply |
| IALU                | Indigenous Aquatic Life Use             |

### Appendix A-3. Specific Assessment Information for Lake Michigan Open Waters, Harbors, and Shoreline, 2024

#### Lake Michigan Open Waters

| Water Body Name         | Assessment Unit ID | Hydrologic Unit Code | Category | ALU | AQU | FCU   | PCU | PPWS |
|-------------------------|--------------------|----------------------|----------|-----|-----|---|-----|------|
| Lake Michigan Nearshore | IL_QLM-01          | 0404000205           | 5        | F   | TP  | Hg, Aldrin, Endrin, Mirex, Toxaphene, Heptachlor, Dieldrin, | F   | F    |

#### Lake Michigan Harbors

| Water Body Name                                 | Assessment Unit ID | Hydrologic Unit Code | Category | ALU  | AQU | FCU      | PCU | PPWS |
|---|--------------------|----------------------|----------|------|-----|----------|-----|------|
| 31st Street Harbor                              | IL_QZX             | 0404000205           | 2        | F    | F   | X        | F   |      |
| 59th Street Harbor                              | IL_QZY             | 0404000205           | 2        | F    | F   | X        | F   |      |
| Belmont Harbor                                  | IL_QZP             | 0404000205           | 2        | F    | F   | X        | X   |      |
| Burnham Harbor                                  | IL_QZW             | 0404000205           | 2        | F    | F   | X        | F   |      |
| Calumet Harbor (within Illinois border)         | IL_QT              | 0404000106           | 2        | F    | F   | X        | F   |      |
| Chicago Harbor/Navy Pier                        | IL_QZS             | 0404000205           | 2        | F    | F   | X        | X   |      |
| Diversey Harbor                                 | IL_QZI             | 0404000205           | 4A       | F    | F   | Hg, PCBs | X   |      |
| DuSable/ Monroe Harbor                          | IL_QZT             | 0404000205           | 2        | F    | F   | X        | F   |      |
| JACKSON HARBOR (inner harbor, and outer harbor) | IL_QZM             | 0404000205           | 5        | F    | F   | Hg, PCBs | F   |      |
| Montrose Harbor                                 | IL_QZR             | 0404000205           | 2        | F    | F   | X        | X   |      |
| North Point Marina Harbor                       | IL_QH              | 0404000205           | 4A       | F    | F   | Hg, PCBs | F   |      |
| Waukegan Harbor                                 | IL_QZO             | 0404000205           | 5        | TEMP | F   | Hg, PCBs | F   |      |
| Wilmette Harbor                                 | IL_QZG             | 0404000106           | 2        | F    | F   | X        | X   |      |

#### Lake Michigan Shoreline Waters

| Water Body Name | Assessment Unit ID | Hydrologic Unit Code | Category | ALU | AQU | FCU      | PCU     | PPWS |
|-----------------|--------------------|----------------------|----------|-----|-----|----------|---------|------|
| 12th St. Beach  | IL_QQ-01           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |
| 31st St. Beach  | IL_QQ-02           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |
| 49th St. Beach  | IL_QR-01           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |
| 57th St. Beach  | IL_QS-04           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |
| 67th St. Beach  | IL_QS-05           | 0404000205           | 4A       | X   | X   | Hg, PCBs | E. coli |      |
| Albion Beach    | IL_QN-12           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |
| Armitage Beach  | IL_QO-04           | 0404000205           | 4A       | X   | X   | Hg, PCBs | F       |      |

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|   |          |            |    |   |   |          |         |  |
|---|----------|------------|----|---|---|----------|---------|--|
| Calumet Beach                               | IL_QT-03 | 0404000106 | 4A | X | X | Hg, PCBs | E. coli |  |
| Clark Beach                                 | IL_QM-07 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Elder Beach                                 | IL_QK-09 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Foster Beach                                | IL_QN-04 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Fullerton Beach                             | IL_QO-02 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Gilson Beach                                | IL_QL-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Glencoe Beach                               | IL_QK-04 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Greenwood Beach                             | IL_QM-03 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Hollywood/Ostermann Beach                   | IL_QN-03 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Howard Beach                                | IL_QN-08 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| IL Beach State Park North                   | IL_QH-03 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| IL Beach State Park South                   | IL_QH-09 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Jackson Park/63rd Beach                     | IL_QS-02 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Jarvis Beach (Marion Mahoney Griffin Beach) | IL_QN-09 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Juneway Terrace                             | IL_QN-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Kenilworth Beach                            | IL_QL-03 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Lake Bluff Beach                            | IL_QI-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Lake Forest Beach                           | IL_QI-10 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Lee Beach                                   | IL_QM-04 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Lighthouse Beach                            | IL_QM-05 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Lloyd Beach                                 | IL_QK-07 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Loyola (Greenleaf) Beach                    | IL_QN-02 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Maple Beach                                 | IL_QK-08 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Montrose Beach                              | IL_QN-05 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| North Ave. Beach                            | IL_QO-01 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| North Point Beach                           | IL_QH-01 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| North Shore/Columbia                        | IL_QN-11 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Northwestern University Beach               | IL_QM-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Oak St. Beach                               | IL_QP-02 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Ohio St. Beach                              | IL_QP-03 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Park Ave. Beach                             | IL_QJ-05 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Pratt Beach                                 | IL_QN-10 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Rainbow                                     | IL_QS-03 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |

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|  |          |            |    |   |   |          |         |  |
|--|----------|------------|----|---|---|----------|---------|--|
| Rogers Beach   | IL_QN-07 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Rosewood Beach   | IL_QJ    | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Schiller Beach   | IL_QO-05 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| South Boulevard Beach  | IL_QM-08 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| South Shore Beach  | IL_QS-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Thorndale Beach  | IL_QN-13 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Touhy (Leone) Beach  | IL_QN-01 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| Tower Beach  | IL_QK-06 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Waukegan North Beach   | IL_QH-04 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Waukegan South Beach   | IL_QH-05 | 0404000205 | 4A | X | X | Hg, PCBs | E. coli |  |
| Webster Beach  | IL_QO-03 | 0404000205 | 4A | X | X | Hg, PCBs | F       |  |
| <i>Abbreviations can be found in the the first sheet "Abbreviations"</i> |          |            |    |   |   |          |         |  |