

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.9105                             | -87.9694                             | 2017-07-24          | IL_EPA_WQX-X-N4191050W8796940    | (unnamed)                | 1.53                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 40.37695                            | -87.95943                            | 2019-06-24          | IL_EPA_WQX-X-N4037695W8795943    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.32888                            | -88.4387                             | 2019-07-31          | IL_EPA_WQX-X-N3932880W8843870    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.918                              | -88.0488                             | 2020-07-09          | IL_EPA_WQX-VGZH-N4191800W8804880 | (unnamed)                | 0.96                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.31687                            | -87.95931                            | 2021-06-17          | IL_EPA_WQX-X-N4231687W8795931    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.74643                            | -89.52116                            | 2021-07-09          | IL_EPA_WQX-X-N3974643W8952116    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.7473                             | -89.52084                            | 2021-07-09          | IL_EPA_WQX-X-N3974730W8952084    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.74797                            | -89.52037                            | 2021-07-09          | IL_EPA_WQX-X-N3974797W8952037    | (unnamed)                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.76465                            | -88.05595                            | 2021-08-12          | IL_EPA_WQX-X-N3876465W8805595    | (unnamed)                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4732                             | -88.1017                             | 2017-07-11          | IL_EPA_WQX-RTT-N4247320W8810170  | Antioch                  | 841.00               | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4632                             | -88.1008                             | 2017-07-26          | IL_EPA_WQX-RTT-N4246320W8810080  | Antioch                  | 241.00               | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4664                             | -88.0963                             | 2017-07-26          | IL_EPA_WQX-RTT-N4246640W8809630  | Antioch                  |                      | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4632                             | -88.1008                             | 2017-08-16          | IL_EPA_WQX-RTT-N4246320W8810080  | Antioch                  | 5.16                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4647                             | -88.0964                             | 2017-08-16          | IL_EPA_WQX-RTT-N4246470W8809640  | Antioch                  |                      | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4662                             | -88.0963                             | 2017-08-30          | IL_EPA_WQX-RTT-N4246620W8809630  | Antioch                  | 3200                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4732                             | -88.1017                             | 2017-08-30          | IL_EPA_WQX-RTT-N4247320W8810170  | Antioch                  | 3.14                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4671                             | -88.1019                             | 2017-09-19          | IL_EPA_WQX-RTT-N4246710W8810190  | Antioch                  | 33.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4732                             | -88.1017                             | 2017-10-10          | IL_EPA_WQX-RTT-N4247320W8810170  | Antioch                  | 0.67                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4637                             | -88.1009                             | 2018-07-26          | IL_EPA_WQX-RTT-N4246370W8810090  | Antioch                  | 0.79                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.4662                             | -88.0963                             | 2019-07-25          | IL_EPA_WQX-RTT-N4246620W8809630  | Antioch                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.6501                             | -87.7924                             | 2020-10-05          | IL_EPA_WQX-RHZE-N4165010W8779240 | Arrowhead                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.64984                            | -87.79261                            | 2021-10-06          | IL_EPA_WQX-RHZE-N4164984W8779261 | Arrowhead                | 5.73                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.14329                            | -88.11686                            | 2021-04-14          | IL_EPA_WQX-VTC-N4214329W8811686  | Baker                    | 5.64                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.14687                            | -88.12145                            | 2021-04-14          | IL_EPA_WQX-VTC-N4214687W8812145  | Baker                    | 4.94                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2668                             | -88.1266                             | 2017-08-30          | IL_EPA_WQX-RTG-N4226680W8812660  | Bangs                    | 4.97                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2713                             | -88.1286                             | 2020-08-24          | IL_EPA_WQX-RTG-N4227130W8812860  | Bangs                    | 4.01                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2666                             | -88.12447                            | 2021-08-02          | IL_EPA_WQX-RTG-N4226660W8812447  | Bangs                    | 29.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.26653                            | -88.13037                            | 2021-08-16          | IL_EPA_WQX-RTG-N4226653W8813037  | Bangs                    | 70.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2017-06-06          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-06-06          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-06-18          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-07-09          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-07-23          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-08-06          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2018-08-20          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-06-03          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-06-17          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-07-15          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-07-29          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-08-02          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-08-12          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2019-08-26          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2020-06-29          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2020-07-27          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2020-08-10          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2020-08-24          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-06-07          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-06-21          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-07-06          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-07-19          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-08-02          | IL_EPA_WQX-RTZT-100              | Barrington               | 10.7                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-08-16          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21377                            | -88.14572                            | 2021-08-30          | IL_EPA_WQX-RTZT-100              | Barrington               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2019-05-07          | IL_EPA_WQX-RAZI-1                | Bloomfield               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2019-06-17          | IL_EPA_WQX-RAZI-1                | Bloomfield               | 0.41                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2019-07-11          | IL_EPA_WQX-RAZI-1                | Bloomfield               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2019-09-09          | IL_EPA_WQX-RAZI-1                | Bloomfield               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2019-10-24          | IL_EPA_WQX-RAZI-1                | Bloomfield               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.45212                            | -88.84353                            | 2020-05-12          | IL_EPA_WQX-RAZI-1                | Bloomfield               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4581                             | -88.1275                             | 2017-08-23          | IL_EPA_WQX-VTJ-N4245810W8812750  | Bluff                    | 30.7                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.77695                            | -88.06583                            | 2019-06-25          | IL_EPA_WQX-RCB-101               | Borah                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.77695                            | -88.06583                            | 2019-07-09          | IL_EPA_WQX-RCB-101               | Borah                    | 0.66                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.77695                            | -88.06583                            | 2019-08-21          | IL_EPA_WQX-RCB-101               | Borah                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7585                             | -89.3406                             | 2019-08-23          | IL_EPA_WQX-RGZY-N3775850W8934060 | Browns                   | 53                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7583                             | -89.3406                             | 2019-08-29          | IL_EPA_WQX-RGZY-N3775830W8934060 | Browns                   | 2.95                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7585                             | -89.3406                             | 2019-09-12          | IL_EPA_WQX-RGZY-N3775850W8934060 | Browns                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7082                             | -87.9007                             | 2020-08-10          | IL_EPA_WQX-RHZF-N4170820W8790070 | Bullfrog                 | 0.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.63629                            | -89.75158                            | 2018-06-28          | IL_EPA_WQX-UDB-N4063629W8975158  | Camelot                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7087                             | -89.2216                             | 2018-07-16          | IL_EPA_WQX-RNZH-N3770870W8922160 | Campus                   | 2.83                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7105                             | -89.2225                             | 2018-07-16          | IL_EPA_WQX-RNZH-N3771050W8922250 | Campus                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7095                             | -89.2221                             | 2019-09-16          | IL_EPA_WQX-RNZH-N3770950W8922210 | Campus                   | 15.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7095                             | -89.2221                             | 2019-10-03          | IL_EPA_WQX-RNZH-N3770950W8922210 | Campus                   | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.7087                             | -89.2214                             | 2019-11-14          | IL_EPA_WQX-RNZH-N3770870W8922140 | Campus                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.70876                            | -89.22166                            | 2021-07-19          | IL_EPA_WQX-RNZH-N3770876W8922166 | Campus                   | 36.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.70876                            | -89.22166                            | 2021-08-11          | IL_EPA_WQX-RNZH-N3770876W8922166 | Campus                   | 9.95                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.70876                            | -89.22166                            | 2021-09-23          | IL_EPA_WQX-RNZH-N3770876W8922166 | Campus                   | 14.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.70876                            | -89.22166                            | 2021-10-07          | IL_EPA_WQX-RNZH-N3770876W8922166 | Campus                   | 1.89                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69547                            | -89.23392                            | 2018-06-21          | IL_EPA_WQX-RNI-3                 | Carbondale               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69547                            | -89.23392                            | 2018-07-10          | IL_EPA_WQX-RNI-3                 | Carbondale               | 0.64                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.6977                             | -89.2225                             | 2018-07-10          | IL_EPA_WQX-RNI-N3769770W8922250  | Carbondale               | 0.88                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69547                            | -89.23392                            | 2018-08-01          | IL_EPA_WQX-RNI-3                 | Carbondale               | 1.69                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69547                            | -89.23392                            | 2018-10-24          | IL_EPA_WQX-RNI-3                 | Carbondale               | 2.65                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-09-17          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               | 6.07                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-10-03          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               | 10.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-10-21          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               | 7760                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-10-31          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               | 9.93                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-11-14          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-12-03          | IL_EPA_WQX-RNI-N3769963W8922939  | Carbondale               | 74.5                 | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier  | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-12-12          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 3.45                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2019-12-18          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 0.59                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2020-10-05          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 16.7                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2020-10-15          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 8.36                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2020-11-12          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 3.14                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2020-12-01          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               | 0.65                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.69963                            | -89.22939                            | 2020-12-16          | IL_EPA_WQX-RNI-N3769963W8922939 | Carbondale               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8461                             | -89.9611                             | 2018-06-18          | IL_EPA_WQX-RPF-N4184610W8996110 | Carlton                  | 0.12                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62513                            | -89.35957                            | 2021-06-14          | IL_EPA_WQX-ROA-100              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.7084                             | -89.29169                            | 2021-06-14          | IL_EPA_WQX-ROA-101              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62222                            | -89.34167                            | 2021-06-14          | IL_EPA_WQX-ROA-102              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.63333                            | -89.31111                            | 2021-06-14          | IL_EPA_WQX-ROA-104              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64167                            | -89.32778                            | 2021-06-15          | IL_EPA_WQX-ROA-103              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.70426                            | -89.2527                             | 2021-06-16          | IL_EPA_WQX-ROA-4                | Carlyle                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.67192                            | -89.25812                            | 2021-06-16          | IL_EPA_WQX-ROA-5                | Carlyle                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62513                            | -89.35957                            | 2021-07-28          | IL_EPA_WQX-ROA-100              | Carlyle                  | 1.01                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.7084                             | -89.29169                            | 2021-07-28          | IL_EPA_WQX-ROA-101              | Carlyle                  | 0.63                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62222                            | -89.34167                            | 2021-07-28          | IL_EPA_WQX-ROA-102              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.63333                            | -89.31111                            | 2021-07-28          | IL_EPA_WQX-ROA-104              | Carlyle                  | 1.22                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64167                            | -89.32778                            | 2021-07-29          | IL_EPA_WQX-ROA-103              | Carlyle                  | 0.87                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.70426                            | -89.2527                             | 2021-07-29          | IL_EPA_WQX-ROA-4                | Carlyle                  | 0.87                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.67192                            | -89.25812                            | 2021-07-29          | IL_EPA_WQX-ROA-5                | Carlyle                  | 1.08                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62513                            | -89.35957                            | 2021-08-16          | IL_EPA_WQX-ROA-100              | Carlyle                  | 1.33                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.7084                             | -89.29169                            | 2021-08-16          | IL_EPA_WQX-ROA-101              | Carlyle                  | 0.89                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.62222                            | -89.34167                            | 2021-08-16          | IL_EPA_WQX-ROA-102              | Carlyle                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64167                            | -89.32778                            | 2021-08-16          | IL_EPA_WQX-ROA-103              | Carlyle                  | 0.84                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.63333                            | -89.31111                            | 2021-08-16          | IL_EPA_WQX-ROA-104              | Carlyle                  | 1.35                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.70426                            | -89.2527                             | 2021-08-23          | IL_EPA_WQX-ROA-4                | Carlyle                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.67192                            | -89.25812                            | 2021-08-23          | IL_EPA_WQX-ROA-5                | Carlyle                  | 0.5                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48532                            | -88.12497                            | 2017-06-19          | IL_EPA_WQX-RTD-101              | Catherine                | 3.11                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4817                             | -88.1261                             | 2017-06-20          | IL_EPA_WQX-RTD-N4248170W8812610 | Catherine                | 2.41                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.491                              | -88.1281                             | 2017-08-21          | IL_EPA_WQX-RTD-N4249100W8812810 | Catherine                | 0.82                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4867                             | -88.12406                            | 2018-05-23          | IL_EPA_WQX-RTD-N4248670W8812406 | Catherine                | 10.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-05-31          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4867                             | -88.12406                            | 2018-05-31          | IL_EPA_WQX-RTD-N4248670W8812406 | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-06-14          | IL_EPA_WQX-RTD-100              | Catherine                | 0.36                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-06-28          | IL_EPA_WQX-RTD-100              | Catherine                | 0.96                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-07-12          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-07-26          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-08-09          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2018-08-23          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-05-30          | IL_EPA_WQX-RTD-100              | Catherine                | 0.44                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-06-13          | IL_EPA_WQX-RTD-100              | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-06-27          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-07-11          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-07-25          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2019-08-08          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2020-07-07          | IL_EPA_WQX-RTD-100               | Catherine                | 0.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2020-07-21          | IL_EPA_WQX-RTD-100               | Catherine                | 0.62                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2020-08-04          | IL_EPA_WQX-RTD-100               | Catherine                | 0.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48584                            | -88.12834                            | 2020-08-17          | IL_EPA_WQX-RTD-1                 | Catherine                | 0.6                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-06-01          | IL_EPA_WQX-RTD-100               | Catherine                | 378                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-06-08          | IL_EPA_WQX-RTD-100               | Catherine                | 272                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-06-14          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-07-13          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-07-27          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-08-10          | IL_EPA_WQX-RTD-100               | Catherine                | 22.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-08-10          | IL_EPA_WQX-RTD-100               | Catherine                | 0.86                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48168                            | -88.12607                            | 2021-08-24          | IL_EPA_WQX-RTD-100               | Catherine                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.65545                            | -89.26593                            | 2018-06-26          | IL_EPA_WQX-RNE-100               | Cedar                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.66195                            | -89.2751                             | 2018-06-26          | IL_EPA_WQX-RNE-5                 | Cedar                    |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.65545                            | -89.26593                            | 2018-07-31          | IL_EPA_WQX-RNE-100               | Cedar                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.66195                            | -89.2751                             | 2018-07-31          | IL_EPA_WQX-RNE-5                 | Cedar                    |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.66195                            | -89.2751                             | 2018-10-23          | IL_EPA_WQX-RNE-5                 | Cedar                    |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41992                            | -88.08107                            | 2019-06-11          | IL_EPA_WQX-RTK-100               | Cedar                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41574                            | -88.09122                            | 2019-06-11          | IL_EPA_WQX-RTK-101               | Cedar                    | 0.51                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41992                            | -88.08107                            | 2019-09-04          | IL_EPA_WQX-RTK-100               | Cedar                    | 2.61                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41574                            | -88.09122                            | 2019-09-04          | IL_EPA_WQX-RTK-101               | Cedar                    | 2.42                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41992                            | -88.08107                            | 2019-10-15          | IL_EPA_WQX-RTK-100               | Cedar                    | 2.09                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41574                            | -88.09122                            | 2019-10-15          | IL_EPA_WQX-RTK-101               | Cedar                    | 1.96                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5558                             | -89.0037                             | 2020-09-15          | IL_EPA_WQX-ROI-N3855580W88900370 | Centralia                | 41000                | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5582                             | -89.0048                             | 2020-09-23          | IL_EPA_WQX-ROI-1                 | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.55927                            | -88.99433                            | 2020-09-23          | IL_EPA_WQX-ROI-2                 | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54962                            | -88.99177                            | 2020-09-23          | IL_EPA_WQX-ROI-3                 | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5558                             | -89.0037                             | 2020-09-23          | IL_EPA_WQX-ROI-N3855580W88900370 | Centralia                | 101                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5602                             | -88.9961                             | 2020-09-23          | IL_EPA_WQX-ROI-N3856020W8899610  | Centralia                | 10                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5558                             | -89.0037                             | 2020-10-05          | IL_EPA_WQX-ROI-N3855580W88900370 | Centralia                | 7.53                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5602                             | -88.9961                             | 2020-10-05          | IL_EPA_WQX-ROI-N3856020W8899610  | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.55588                            | -89.00376                            | 2021-06-10          | IL_EPA_WQX-ROI-N3855588W88900376 | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.5602                             | -88.99618                            | 2021-06-10          | IL_EPA_WQX-ROI-N3856020W8899618  | Centralia                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2017-06-15          | IL_EPA_WQX-RTI-100               | Channel                  | 3.97                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2017-06-29          | IL_EPA_WQX-RTI-100               | Channel                  | 1.68                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-05-31          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-06-13          | IL_EPA_WQX-RTI-100               | Channel                  | 5.5                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-06-28          | IL_EPA_WQX-RTI-100               | Channel                  | 1.62                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48337                            | -88.14262                            | 2018-06-28          | IL_EPA_WQX-RTI-N4248337W8814262  | Channel                  | 376                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-07-12          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-07-26          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-08-09          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2018-08-23          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-05-30          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-06-13          | IL_EPA_WQX-RTI-100               | Channel                  | 0.5                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-06-27          | IL_EPA_WQX-RTI-100               | Channel                  | 0.67                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-07-11          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-07-25          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-08-08          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2019-08-22          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2020-07-07          | IL_EPA_WQX-RTI-100               | Channel                  | 0.39                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2020-07-21          | IL_EPA_WQX-RTI-100               | Channel                  | 0.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2020-08-04          | IL_EPA_WQX-RTI-100               | Channel                  | 0.39                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2021-06-01          | IL_EPA_WQX-RTI-100               | Channel                  | 0.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2021-08-10          | IL_EPA_WQX-RTI-100               | Channel                  | 30.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47793                            | -88.1471                             | 2021-08-24          | IL_EPA_WQX-RTI-100               | Channel                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8134                             | -87.9555                             | 2017-07-18          | IL_EPA_WQX-RGR-N4181340W8795550  | Charles                  | 63.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.47028                            | -88.14362                            | 2021-07-01          | IL_EPA_WQX-RBC-1                 | Charleston Side Channel  | 0.4                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.47028                            | -88.14362                            | 2021-07-27          | IL_EPA_WQX-RBC-1                 | Charleston Side Channel  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.47028                            | -88.14362                            | 2021-08-30          | IL_EPA_WQX-RBC-1                 | Charleston Side Channel  | 0.72                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.14423                            | -87.78882                            | 2021-07-28          | IL_EPA_WQX-RHJA-N4214423W8778882 | Chicago Botanic Garden   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.304                              | -89.2819                             | 2017-05-17          | IL_EPA_WQX-PWF-W-C5              | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3184                             | -89.285                              | 2017-05-17          | IL_EPA_WQX-PWF-WL-C1             | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.304                              | -89.2819                             | 2017-07-10          | IL_EPA_WQX-PWF-W-C5              | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3184                             | -89.285                              | 2017-07-10          | IL_EPA_WQX-PWF-WL-C1             | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.304                              | -89.2819                             | 2017-09-21          | IL_EPA_WQX-PWF-W-C5              | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3184                             | -89.285                              | 2017-09-21          | IL_EPA_WQX-PWF-WL-C1             | Coolidge Creek           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.20228                            | -89.619                              | 2017-06-28          | IL_EPA_WQX-ROV-1                 | Coulterville             |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.20228                            | -89.619                              | 2017-07-26          | IL_EPA_WQX-ROV-1                 | Coulterville             |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.20228                            | -89.619                              | 2017-10-26          | IL_EPA_WQX-ROV-1                 | Coulterville             |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2017-06-06          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2017-06-19          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2017-06-28          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2539                             | -88.0399                             | 2017-06-28          | IL_EPA_WQX-RGQ-N4225390W8803990  | Countryside              | 0.76                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-06-06          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-06-18          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-07-09          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-07-23          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-08-06          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2018-08-20          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-06-03          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-06-17          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-07-01          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-07-15          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|-----------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-07-29          | IL_EPA_WQX-RGQ-100               | Countryside              | 0.98                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-08-12          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2019-08-26          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2020-06-29          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2020-07-13          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2020-07-27          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2020-08-10          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2020-08-24          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-06-07          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-06-21          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-07-06          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-07-14          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-07-19          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-08-02          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-08-16          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25488                            | -88.04198                            | 2021-08-30          | IL_EPA_WQX-RGQ-100               | Countryside              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 37.73792                            | -89.11828                            | 2018-06-14          | IL_EPA_WQX-RNA-100               | Crab Orchard             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 37.73792                            | -89.11828                            | 2018-07-12          | IL_EPA_WQX-RNA-100               | Crab Orchard             | 0.38                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 37.73792                            | -89.11828                            | 2018-08-01          | IL_EPA_WQX-RNA-100               | Crab Orchard             | 0.81                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 37.73792                            | -89.11828                            | 2018-08-16          | IL_EPA_WQX-RNA-100               | Crab Orchard             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.426                              | -88.053                              | 2020-08-03          | IL_EPA_WQX-RGZA-N4242600W8805300 | Crooked                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.4269                             | -88.0537                             | 2020-08-17          | IL_EPA_WQX-RGZA-N4242690W8805370 | Crooked                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.4269                             | -88.0537                             | 2020-08-31          | IL_EPA_WQX-RGZA-N4242690W8805370 | Crooked                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.42305                            | -88.05424                            | 2021-10-07          | IL_EPA_WQX-RGZA-N4242305W8805424 | Crooked                  | 20.5                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.23382                            | -88.36554                            | 2017-06-05          | IL_EPA_WQX-VTZH-98               | Crystal                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2325                             | -88.34468                            | 2017-06-05          | IL_EPA_WQX-VTZH-99               | Crystal                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.23382                            | -88.36554                            | 2017-06-26          | IL_EPA_WQX-VTZH-98               | Crystal                  | 0.41                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2325                             | -88.34468                            | 2017-06-26          | IL_EPA_WQX-VTZH-99               | Crystal                  | 0.57                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 40.1213                             | -88.2111                             | 2017-07-18          | IL_EPA_WQX-RBU-N4012130W8821110  | Crystal                  | 1.22                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 40.1215                             | -88.211                              | 2017-07-18          | IL_EPA_WQX-RBU-N4012150W8821100  | Crystal                  | 1.56                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.23382                            | -88.36554                            | 2017-07-19          | IL_EPA_WQX-VTZH-98               | Crystal                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2325                             | -88.34468                            | 2017-07-19          | IL_EPA_WQX-VTZH-99               | Crystal                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.23382                            | -88.36554                            | 2017-10-19          | IL_EPA_WQX-VTZH-98               | Crystal                  | 0.73                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2325                             | -88.34468                            | 2017-10-19          | IL_EPA_WQX-VTZH-99               | Crystal                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 41.59025                            | -87.9146                             | 2017-07-18          | IL_EPA_WQX-VGZF-N4159025W8791460 | Deboer Woods             | 1380                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.42373                            | -88.06262                            | 2019-06-11          | IL_EPA_WQX-VTD-100               | Deep                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.4182                             | -88.0721                             | 2019-07-12          | IL_EPA_WQX-VTD-N4241820W8807210  | Deep                     | 0.32                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.42373                            | -88.06262                            | 2019-07-18          | IL_EPA_WQX-VTD-100               | Deep                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.42373                            | -88.06262                            | 2019-10-15          | IL_EPA_WQX-VTD-100               | Deep                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2516                             | -88.0064                             | 2017-09-13          | IL_EPA_WQX-RGB-N4225160W8800640  | Diamond                  | 23                   | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.24897                            | -88.00256                            | 2018-06-20          | IL_EPA_WQX-RGB-100               | Diamond                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.24705                            | -88.00689                            | 2018-06-28          | IL_EPA_WQX-RGB-N4224705W8800689  | Diamond                  | 423                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.24897                            | -88.00256                            | 2018-08-21          | IL_EPA_WQX-RGB-100               | Diamond                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.24897                            | -88.00256                            | 2018-10-03          | IL_EPA_WQX-RGB-100               | Diamond                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2496                             | -88.0128                             | 2019-06-18          | IL_EPA_WQX-RGB-N4224960W8801280  | Diamond                  | 82.8                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.24964                            | -88.01282                            | 2019-06-20          | IL_EPA_WQX-RGB-N4224964W8801282  | Diamond                  | 8.19                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2496                             | -88.0128                             | 2019-06-24          | IL_EPA_WQX-RGB-N4224960W8801280  | Diamond                  |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.25253                            | -88.01292                            | 2021-06-09          | IL_EPA_WQX-RGB-N4225253W8801292  | Diamond                  | 1.08                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.37021                            | -88.00278                            | 2020-10-14          | IL_EPA_WQX-RGV-N4237021W8800278  | Druce                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.80515                            | -89.931                              | 2017-06-23          | IL_EPA_WQX-RJD-N3880514W8993100  | Dunlap                   | 0.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.80639                            | -89.93                               | 2017-06-23          | IL_EPA_WQX-RJD-N3880639W8993000  | Dunlap                   | 36.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2017-06-08          | IL_EPA_WQX-VTH-100               | Dunns                    | 1.66                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2017-06-22          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.19                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-06-07          | IL_EPA_WQX-VTH-100               | Dunns                    | 0.3                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-06-14          | IL_EPA_WQX-VTH-100               | Dunns                    | 0.7                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-06-21          | IL_EPA_WQX-VTH-100               | Dunns                    | 1.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-07-05          | IL_EPA_WQX-VTH-100               | Dunns                    | 4.15                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-07-11          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.65                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-07-19          | IL_EPA_WQX-VTH-100               | Dunns                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-08-02          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.64                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-08-14          | IL_EPA_WQX-VTH-100               | Dunns                    | 1.72                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2018-08-16          | IL_EPA_WQX-VTH-100               | Dunns                    | 1.78                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2019-06-06          | IL_EPA_WQX-VTH-100               | Dunns                    | 29.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2019-06-20          | IL_EPA_WQX-VTH-100               | Dunns                    | 4.14                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2019-07-18          | IL_EPA_WQX-VTH-100               | Dunns                    | 2.64                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2019-08-01          | IL_EPA_WQX-VTH-100               | Dunns                    | 2.68                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2019-08-15          | IL_EPA_WQX-VTH-100               | Dunns                    | 2.8                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2020-07-14          | IL_EPA_WQX-VTH-100               | Dunns                    | 1.8                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2020-07-28          | IL_EPA_WQX-VTH-100               | Dunns                    | 2.31                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2020-08-10          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.23                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-06-08          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-06-22          | IL_EPA_WQX-VTH-100               | Dunns                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-06-29          | IL_EPA_WQX-VTH-100               | Dunns                    | 3.74                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-07-06          | IL_EPA_WQX-VTH-100               | Dunns                    | 4.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-07-20          | IL_EPA_WQX-VTH-100               | Dunns                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-08-03          | IL_EPA_WQX-VTH-100               | Dunns                    | 45                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-08-17          | IL_EPA_WQX-VTH-100               | Dunns                    | 99.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42402                            | -88.18999                            | 2021-08-31          | IL_EPA_WQX-VTH-100               | Dunns                    | 4.37                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2098                             | -88.0876                             | 2017-07-13          | IL_EPA_WQX-RTZR-N4220980W8808760 | Echo                     | 99.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2092                             | -88.0883                             | 2020-06-12          | IL_EPA_WQX-RTZR-N4220920W8808830 | Echo                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2092                             | -88.0887                             | 2020-06-19          | IL_EPA_WQX-RTZR-N4220920W8808870 | Echo                     | 0.63                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2092                             | -88.0883                             | 2020-07-07          | IL_EPA_WQX-RTZR-N4220920W8808830 | Echo                     | 9.12                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2092                             | -88.0883                             | 2020-07-24          | IL_EPA_WQX-RTZR-N4220920W8808830 | Echo                     | 2.12                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2092                             | -88.0883                             | 2020-07-30          | IL_EPA_WQX-RTZR-N4220920W8808830 | Echo                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.20896                            | -88.08873                            | 2021-07-14          | IL_EPA_WQX-RTZR-N4220896W8808873 | Echo                     | 435                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8828                             | -88.0597                             | 2018-08-16          | IL_EPA_WQX-RGZS-N4188280W8805970 | Ellyn                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2017-06-21          | IL_EPA_WQX-RCZJ-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2017-07-12          | IL_EPA_WQX-RCZJ-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2017-10-18          | IL_EPA_WQX-RCZJ-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.3752                             | -88.2383                             | 2019-11-25          | IL_EPA_WQX-RCZJ-N3837520W8823830 | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2021-06-24          | IL_EPA_WQX-RCZJ-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2021-07-21          | IL_EPA_WQX-RCZJ-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.37592                            | -88.24036                            | 2021-09-09          | IL_EPA_WQX-RCZI-1                | Fairfield                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2017-06-12          | IL_EPA_WQX-VTK-100               | Fish                     | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2017-06-27          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2018-06-11          | IL_EPA_WQX-VTK-100               | Fish                     | 2.57                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2018-06-25          | IL_EPA_WQX-VTK-100               | Fish                     | 3.26                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2018-07-16          | IL_EPA_WQX-VTK-100               | Fish                     | 4.55                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2018-07-30          | IL_EPA_WQX-VTK-100               | Fish                     | 2.75                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2018-08-13          | IL_EPA_WQX-VTK-100               | Fish                     | 1.12                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-06-13          | IL_EPA_WQX-VTK-100               | Fish                     | 3.09                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-06-24          | IL_EPA_WQX-VTK-100               | Fish                     | 1840                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-06-25          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-07-08          | IL_EPA_WQX-VTK-100               | Fish                     | 4.13                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-07-22          | IL_EPA_WQX-VTK-100               | Fish                     | 0.65                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-08-05          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2019-08-20          | IL_EPA_WQX-VTK-100               | Fish                     | 0.99                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-07-06          | IL_EPA_WQX-VTK-100               | Fish                     | 2.44                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-07-20          | IL_EPA_WQX-VTK-100               | Fish                     | 2.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-08-03          | IL_EPA_WQX-VTK-100               | Fish                     | 4.54                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-08-07          | IL_EPA_WQX-VTK-100               | Fish                     | 238                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-08-17          | IL_EPA_WQX-VTK-100               | Fish                     | 5.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-08-20          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2020-08-31          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-06-14          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-06-28          | IL_EPA_WQX-VTK-100               | Fish                     | 2.08                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-07-12          | IL_EPA_WQX-VTK-100               | Fish                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-07-26          | IL_EPA_WQX-VTK-100               | Fish                     | 6.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-08-09          | IL_EPA_WQX-VTK-100               | Fish                     | 4.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.33813                            | -88.15835                            | 2021-08-23          | IL_EPA_WQX-VTK-100               | Fish                     | 2.71                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.71503                            | -88.75256                            | 2019-06-20          | IL_EPA_WQX-RCD-100               | Forbes                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.71503                            | -88.75256                            | 2021-06-29          | IL_EPA_WQX-RCD-100               | Forbes                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.71503                            | -88.75256                            | 2021-07-15          | IL_EPA_WQX-RCD-100               | Forbes                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.71503                            | -88.75256                            | 2021-08-12          | IL_EPA_WQX-RCD-100               | Forbes                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2148                             | -88.0506                             | 2019-07-12          | IL_EPA_WQX-RGZG-N4221480W8805060 | Forest                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2149                             | -88.0506                             | 2019-08-06          | IL_EPA_WQX-RGZG-N4221490W8805060 | Forest                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2155                             | -88.0509                             | 2019-08-09          | IL_EPA_WQX-RGZG-N4221550W8805090 | Forest                   | 22.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.21225                            | -88.05383                            | 2021-08-02          | IL_EPA_WQX-RGZG-N4221225W8805383 | Forest                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1658                             | -88.2908                             | 2018-08-13          | IL_EPA_WQX-RTF-N4216580W8829080  | Fox                      | 0.87                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2017-05-25          | IL_EPA_WQX-DT-06                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2017-05-25          | IL_EPA_WQX-DT-09                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2017-05-31          | IL_EPA_WQX-DT-38                 | Fox River                | 0.4                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2017-06-06          | IL_EPA_WQX-DT-22                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2017-06-28          | IL_EPA_WQX-DT-38                 | Fox River                | 0.51                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2017-07-05          | IL_EPA_WQX-DT-06                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2017-07-05          | IL_EPA_WQX-DT-09                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2017-07-19          | IL_EPA_WQX-DT-22                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2017-08-16          | IL_EPA_WQX-DT-06                 | Fox River                | 0.45                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2017-08-16          | IL_EPA_WQX-DT-09                 | Fox River                | 0.43                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2017-08-16          | IL_EPA_WQX-DT-38                 | Fox River                | 0.4                  | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|--------------------------------|--------------------------|----------------------|-----------------------------------|-----------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2017-08-28          | IL_EPA_WQX-DT-22               | Fox River                | 0.53                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2017-09-20          | IL_EPA_WQX-DT-06               | Fox River                | 0.74                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2017-09-20          | IL_EPA_WQX-DT-38               | Fox River                | 1.7                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2017-10-11          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2017-11-14          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2018-05-09          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2018-06-12          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2018-06-20          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2018-06-20          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2018-06-28          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2018-06-28          | IL_EPA_WQX-DT-09               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2018-07-23          | IL_EPA_WQX-DT-38               | Fox River                | 0.37                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2018-08-13          | IL_EPA_WQX-DT-06               | Fox River                | 0.74                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2018-08-13          | IL_EPA_WQX-DT-09               | Fox River                | 0.75                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2018-08-16          | IL_EPA_WQX-DT-22               | Fox River                | 0.62                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2018-08-16          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2018-09-10          | IL_EPA_WQX-DT-38               | Fox River                | 0.57                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2018-09-24          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2018-09-26          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2018-09-26          | IL_EPA_WQX-DT-09               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2018-10-22          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2019-05-22          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2019-06-17          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2019-06-17          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2019-06-18          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2019-06-24          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2019-06-24          | IL_EPA_WQX-DT-09               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2019-07-22          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2019-07-29          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2019-07-29          | IL_EPA_WQX-DT-09               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2019-07-30          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2019-07-30          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2019-08-28          | IL_EPA_WQX-DT-06               | Fox River                | 0.42                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2019-08-28          | IL_EPA_WQX-DT-09               | Fox River                | 0.31                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2019-09-12          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2019-09-12          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2019-09-16          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2019-10-16          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2019-10-16          | IL_EPA_WQX-DT-09               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2019-10-22          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2019-10-24          | IL_EPA_WQX-DT-22               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2019-10-24          | IL_EPA_WQX-DT-35               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2020-07-06          | IL_EPA_WQX-DT-38               | Fox River                | 0.3                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2020-08-17          | IL_EPA_WQX-DT-38               | Fox River                | 0.3                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2020-09-21          | IL_EPA_WQX-DT-38               | Fox River                | 1.99                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2021-05-24          | IL_EPA_WQX-DT-38               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2021-06-08          | IL_EPA_WQX-DT-09               | Fox River                | 0.82                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.77071                            | -88.30969                            | 2021-06-08          | IL_EPA_WQX-DT-14               | Fox River                | 0.44                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2021-06-09          | IL_EPA_WQX-DT-06               | Fox River                |                      | ug/L                              |                       | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2021-06-09          | IL_EPA_WQX-DT-22                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2021-06-09          | IL_EPA_WQX-DT-35                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.35626                            | -88.82757                            | 2021-06-22          | IL_EPA_WQX-DT-01                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2021-06-28          | IL_EPA_WQX-DT-22                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2021-06-28          | IL_EPA_WQX-DT-35                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2021-06-29          | IL_EPA_WQX-DT-06                 | Fox River                | 0.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.77071                            | -88.30969                            | 2021-06-29          | IL_EPA_WQX-DT-14                 | Fox River                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2021-07-06          | IL_EPA_WQX-DT-38                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.35626                            | -88.82757                            | 2021-07-28          | IL_EPA_WQX-DT-01                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2021-08-09          | IL_EPA_WQX-DT-09                 | Fox River                | 1.26                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.77071                            | -88.30969                            | 2021-08-09          | IL_EPA_WQX-DT-14                 | Fox River                | 1.13                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2021-08-10          | IL_EPA_WQX-DT-06                 | Fox River                | 0.49                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2021-08-10          | IL_EPA_WQX-DT-22                 | Fox River                | 0.33                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2021-08-10          | IL_EPA_WQX-DT-35                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23946                            | -88.19949                            | 2021-08-12          | IL_EPA_WQX-DT-N4223946W8819949   | Fox River                | 145                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2021-08-16          | IL_EPA_WQX-DT-38                 | Fox River                | 0.78                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.35626                            | -88.82757                            | 2021-08-31          | IL_EPA_WQX-DT-01                 | Fox River                | 1.01                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23872                            | -88.18677                            | 2021-09-02          | IL_EPA_WQX-DT-N4223872W8818677   | Fox River                | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23946                            | -88.19949                            | 2021-09-02          | IL_EPA_WQX-DT-N4223946W8819949   | Fox River                | 12.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.72945                            | -88.33883                            | 2021-09-20          | IL_EPA_WQX-DT-38                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.99427                            | -88.29427                            | 2021-09-21          | IL_EPA_WQX-DT-09                 | Fox River                | 0.48                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.77071                            | -88.30969                            | 2021-09-21          | IL_EPA_WQX-DT-14                 | Fox River                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.1659                             | -88.28983                            | 2021-09-22          | IL_EPA_WQX-DT-06                 | Fox River                | 0.89                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.27954                            | -88.22692                            | 2021-09-22          | IL_EPA_WQX-DT-22                 | Fox River                | 1.16                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.47899                            | -88.1785                             | 2021-09-22          | IL_EPA_WQX-DT-35                 | Fox River                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 37.41456                            | -88.66246                            | 2020-08-10          | IL_EPA_WQX-RAP-100               | Glendale                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 37.4149                             | -88.6639                             | 2020-08-10          | IL_EPA_WQX-RAP-N3741490W8866390  | Glendale                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 37.41456                            | -88.66246                            | 2020-09-01          | IL_EPA_WQX-RAP-100               | Glendale                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.92594                            | -89.39904                            | 2017-06-29          | IL_EPA_WQX-ROP-1                 | Governor Bond            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.92594                            | -89.39904                            | 2017-07-24          | IL_EPA_WQX-ROP-1                 | Governor Bond            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.9268                             | -89.4027                             | 2017-07-24          | IL_EPA_WQX-ROP-N3892680W8940270  | Governor Bond            | 0.35                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.92594                            | -89.39904                            | 2017-10-31          | IL_EPA_WQX-ROP-1                 | Governor Bond            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 38.47714                            | -89.21815                            | 2017-08-15          | IL_EPA_WQX-OJC-03                | Grand Point Creek        | 5.18                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34611                            | -88.05312                            | 2021-05-18          | IL_EPA_WQX-RGK-N4234611W8805312  | Grays                    | 67.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34487                            | -88.05127                            | 2021-06-02          | IL_EPA_WQX-RGK-100               | Grays                    | 0.33                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34611                            | -88.05312                            | 2021-06-02          | IL_EPA_WQX-RGK-N4234611W8805312  | Grays                    | 6.02                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34494                            | -88.05139                            | 2021-06-08          | IL_EPA_WQX-RGK-N4234494W8805139  | Grays                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34487                            | -88.05127                            | 2021-07-27          | IL_EPA_WQX-RGK-100               | Grays                    | 0.4                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.9189                             | -87.9716                             | 2017-07-24          | IL_EPA_WQX-VGZG-N4191890W8797160 | Green                    | 2.83                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.919                              | -87.9713                             | 2018-08-16          | IL_EPA_WQX-VGZG-N4191900W8797130 | Green                    | 75.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.33927                            | -90.2002                             | 2021-07-07          | IL_EPA_WQX-RDZF-1                | Greenfield               | 0.96                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.34261                            | -90.2003                             | 2021-07-07          | IL_EPA_WQX-RDZF-N3934261W9020030 | Greenfield               | 16.3                 | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.33927                            | -90.2002                             | 2021-07-29          | IL_EPA_WQX-RDZF-1                | Greenfield               | 0.98                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.33927                            | -90.2002                             | 2021-09-07          | IL_EPA_WQX-RDZF-1                | Greenfield               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.34402                            | -90.19931                            | 2021-09-28          | IL_EPA_WQX-RDZF-N3934402W9019931 | Greenfield               | 6.28                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42916                            | -88.03944                            | 2021-05-20          | IL_EPA_WQX-RGZB-N4242916W8803944 | Hastings                 | 8.93                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8278                             | -88.1447                             | 2018-08-02          | IL_EPA_WQX-WGM-N4182780W8814470  | Herrick                  | 4.74                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8286                             | -88.1441                             | 2018-08-16          | IL_EPA_WQX-WGM-N4182860W8814410  | Herrick                  | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8274                             | -88.1448                             | 2019-09-09          | IL_EPA_WQX-WGM-N4182740W8814480  | Herrick                  | 37.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.83                               | -88.1438                             | 2019-09-09          | IL_EPA_WQX-WGM-N4183000W8814380  | Herrick                  | 242                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8281                             | -88.1421                             | 2019-09-23          | IL_EPA_WQX-WGM-N4182810W8814210  | Herrick                  | 306                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8301                             | -88.1433                             | 2020-06-30          | IL_EPA_WQX-WGM-N4183010W8814330  | Herrick                  | 58.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.82967                            | -88.14319                            | 2020-08-24          | IL_EPA_WQX-WGM-2                 | Herrick                  | 3.95                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.82967                            | -88.14319                            | 2020-09-28          | IL_EPA_WQX-WGM-2                 | Herrick                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.82967                            | -88.14319                            | 2021-06-30          | IL_EPA_WQX-WGM-2                 | Herrick                  | 92.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.82824                            | -88.14201                            | 2021-07-06          | IL_EPA_WQX-WGM-N4182824W8814201  | Herrick                  | 6.74                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76601                            | -89.69839                            | 2019-05-22          | IL_EPA_WQX-ROZA-1                | Highland Silver          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76601                            | -89.69839                            | 2019-06-20          | IL_EPA_WQX-ROZA-1                | Highland Silver          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76601                            | -89.69839                            | 2019-07-30          | IL_EPA_WQX-ROZA-1                | Highland Silver          | 4                    | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76601                            | -89.69839                            | 2019-09-10          | IL_EPA_WQX-ROZA-1                | Highland Silver          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76601                            | -89.69839                            | 2019-10-08          | IL_EPA_WQX-ROZA-1                | Highland Silver          | 0.46                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91248                            | -89.93338                            | 2020-08-18          | IL_EPA_WQX-RJN-100               | Holiday Shores           | 0.47                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91737                            | -89.93996                            | 2020-08-18          | IL_EPA_WQX-RJN-101               | Holiday Shores           | 0.41                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.92313                            | -89.93468                            | 2020-08-18          | IL_EPA_WQX-RJN-102               | Holiday Shores           | 0.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91987                            | -89.9369                             | 2020-08-18          | IL_EPA_WQX-RJN-2                 | Holiday Shores           | 0.5                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91248                            | -89.93338                            | 2020-09-02          | IL_EPA_WQX-RJN-100               | Holiday Shores           | 0.71                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91737                            | -89.93996                            | 2020-09-02          | IL_EPA_WQX-RJN-101               | Holiday Shores           | 0.74                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.92313                            | -89.93468                            | 2020-09-02          | IL_EPA_WQX-RJN-102               | Holiday Shores           | 0.79                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91987                            | -89.9369                             | 2020-09-02          | IL_EPA_WQX-RJN-2                 | Holiday Shores           | 0.9                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91987                            | -89.9369                             | 2020-10-27          | IL_EPA_WQX-RJN-2                 | Holiday Shores           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.91987                            | -89.9369                             | 2020-11-17          | IL_EPA_WQX-RJN-2                 | Holiday Shores           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.21669                            | -88.76121                            | 2019-05-23          | IL_EPA_WQX-SOU-1                 | Holland Reservoir        |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.21669                            | -88.76121                            | 2019-06-19          | IL_EPA_WQX-SOU-1                 | Holland Reservoir        |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.21669                            | -88.76121                            | 2019-07-25          | IL_EPA_WQX-SOU-1                 | Holland Reservoir        |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.21669                            | -88.76121                            | 2019-08-28          | IL_EPA_WQX-SOU-1                 | Holland Reservoir        |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.21669                            | -88.76121                            | 2019-10-22          | IL_EPA_WQX-SOU-1                 | Holland Reservoir        |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.20148                            | -88.13196                            | 2021-05-20          | IL_EPA_WQX-RTZU-N4220148W8813196 | Honey                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.1375                             | -89.3457                             | 2019-08-13          | IL_EPA_WQX-RIA-N3713750W8934570  | Horseshoe                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.90643                            | -87.70346                            | 2019-06-18          | IL_EPA_WQX-RHB-100               | Humboldt Park Lagoon     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9056                             | -87.7002                             | 2019-06-18          | IL_EPA_WQX-RHB-N4190560W8770020  | Humboldt Park Lagoon     | 378                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9056                             | -87.7002                             | 2019-07-22          | IL_EPA_WQX-RHB-N4190560W8770020  | Humboldt Park Lagoon     | 0.36                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.90643                            | -87.70346                            | 2019-08-01          | IL_EPA_WQX-RHB-100               | Humboldt Park Lagoon     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9058                             | -87.7008                             | 2019-08-01          | IL_EPA_WQX-RHB-N4190580W8770080  | Humboldt Park Lagoon     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.90643                            | -87.70346                            | 2019-10-07          | IL_EPA_WQX-RHB-100               | Humboldt Park Lagoon     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.16012                            | -90.61446                            | 2017-06-07          | IL_EPA_WQX-D-01                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.5737                             | -89.65514                            | 2017-06-08          | IL_EPA_WQX-D-05                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2017-06-08          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.70329                            | -90.6458                             | 2017-06-12          | IL_EPA_WQX-D-32                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.16012                            | -90.61446                            | 2017-07-18          | IL_EPA_WQX-D-01                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.5737                             | -89.65514                            | 2017-07-18          | IL_EPA_WQX-D-05                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2017-07-18          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.70329                            | -90.6458                             | 2017-07-19          | IL_EPA_WQX-D-32                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.16012                            | -90.61446                            | 2017-08-24          | IL_EPA_WQX-D-01                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.5737                             | -89.65514                            | 2017-08-24          | IL_EPA_WQX-D-05                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2017-08-24          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.70329                            | -90.6458                             | 2017-08-29          | IL_EPA_WQX-D-32                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.5737                             | -89.65514                            | 2017-10-11          | IL_EPA_WQX-D-05                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2017-10-11          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.70329                            | -90.6458                             | 2017-10-16          | IL_EPA_WQX-D-32                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.02573                            | -89.41711                            | 2018-06-19          | IL_EPA_WQX-D-09                  | Illinois River           | 1.18                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.25732                            | -89.3485                             | 2018-06-19          | IL_EPA_WQX-D-16                  | Illinois River           | 182                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32305                            | -88.71044                            | 2018-06-19          | IL_EPA_WQX-D-23                  | Illinois River           | 4.75                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.02573                            | -89.41711                            | 2018-06-26          | IL_EPA_WQX-D-09                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.25732                            | -89.3485                             | 2018-06-26          | IL_EPA_WQX-D-16                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32305                            | -88.71044                            | 2018-06-26          | IL_EPA_WQX-D-23                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.1072                             | -89.3561                             | 2018-06-26          | IL_EPA_WQX-D-N4110720W8935610    | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.2997                             | -88.6141                             | 2018-06-26          | IL_EPA_WQX-D-N4129970W8861410    | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.3001                             | -88.6053                             | 2018-06-26          | IL_EPA_WQX-D-N4130010W8860530    | Illinois River           | 2.77                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.3237                             | -88.9845                             | 2018-06-26          | IL_EPA_WQX-D-N4132370W8898450    | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32169                            | -88.98307                            | 2020-06-19          | IL_EPA_WQX-D-37                  | Illinois River           | 138                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32169                            | -88.98307                            | 2020-06-29          | IL_EPA_WQX-D-37                  | Illinois River           | 1.48                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.25732                            | -89.3485                             | 2020-07-30          | IL_EPA_WQX-D-16                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.68789                            | -89.58326                            | 2020-08-14          | IL_EPA_WQX-D-08                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.02573                            | -89.41711                            | 2020-08-17          | IL_EPA_WQX-D-09                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.29445                            | -90.06958                            | 2020-08-25          | IL_EPA_WQX-D-04                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32169                            | -88.98307                            | 2020-08-25          | IL_EPA_WQX-D-37                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32329                            | -88.98183                            | 2021-06-10          | IL_EPA_WQX-D-N4132329W8898183    | Illinois River           | 95.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2021-06-14          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32404                            | -88.98408                            | 2021-06-15          | IL_EPA_WQX-D-N4132404W8898408    | Illinois River           | 13.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32792                            | -89.00864                            | 2021-06-15          | IL_EPA_WQX-D-N4132792W8900864    | Illinois River           | 4.06                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32329                            | -88.98183                            | 2021-06-16          | IL_EPA_WQX-D-N4132329W8898183    | Illinois River           | 284                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.3407                             | -88.80372                            | 2021-06-16          | IL_EPA_WQX-D-N4134070W8880372    | Illinois River           | 51                   | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.32329                            | -88.98183                            | 2021-06-30          | IL_EPA_WQX-D-N4132329W8898183    | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2021-07-20          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.72495                            | -89.54864                            | 2021-09-29          | IL_EPA_WQX-D-30                  | Illinois River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.31087                            | -87.94903                            | 2019-06-27          | IL_EPA_WQX-SGH-100               | Independence Grove       |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.31087                            | -87.94903                            | 2019-07-16          | IL_EPA_WQX-SGH-100               | Independence Grove       |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.31087                            | -87.94903                            | 2019-10-03          | IL_EPA_WQX-SGH-100               | Independence Grove       | 3.31                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2017-06-06          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2017-06-19          | IL_EPA_WQX-RTZI-100              | Island                   | 0.45                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2018-06-06          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2756                             | -88.1933                             | 2018-08-28          | IL_EPA_WQX-RTZI-N4227560W8819330 | Island                   | 11.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2018-08-31          | IL_EPA_WQX-RTZI-100              | Island                   | 1420                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2756                             | -88.1933                             | 2018-08-31          | IL_EPA_WQX-RTZI-N4227560W8819330 | Island                   | 3.73                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2018-09-04          | IL_EPA_WQX-RTZI-100              | Island                   | 254                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2756                             | -88.1933                             | 2018-09-04          | IL_EPA_WQX-RTZI-N4227560W8819330 | Island                   | 37.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2817                             | -88.1974                             | 2018-09-04          | IL_EPA_WQX-RTZI-N4228170W8819740 | Island                   | 1.96                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2018-09-13          | IL_EPA_WQX-RTZI-100              | Island                   | 240                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2756                             | -88.1933                             | 2018-09-13          | IL_EPA_WQX-RTZI-N4227560W8819330 | Island                   | 0.92                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2018-09-19          | IL_EPA_WQX-RTZI-100              | Island                   | 2.75                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2756                             | -88.1933                             | 2018-09-19          | IL_EPA_WQX-RTZI-N4227560W8819330 | Island                   | 3.55                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-06-03          | IL_EPA_WQX-RTZI-100              | Island                   | 0.68                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-06-17          | IL_EPA_WQX-RTZI-100              | Island                   | 24.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-07-01          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-07-15          | IL_EPA_WQX-RTZI-100              | Island                   | 1.72                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-07-29          | IL_EPA_WQX-RTZI-100              | Island                   | 4.24                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-08-12          | IL_EPA_WQX-RTZI-100              | Island                   | 11.9                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2019-08-26          | IL_EPA_WQX-RTZI-100              | Island                   | 4.81                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2020-07-13          | IL_EPA_WQX-RTZI-100              | Island                   | 6.49                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2020-07-27          | IL_EPA_WQX-RTZI-100              | Island                   | 9.83                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2020-08-10          | IL_EPA_WQX-RTZI-100              | Island                   | 7.88                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2020-08-24          | IL_EPA_WQX-RTZI-100              | Island                   | 25                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-06-07          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-06-21          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-07-06          | IL_EPA_WQX-RTZI-100              | Island                   | 23.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-07-07          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-07-13          | IL_EPA_WQX-RTZI-100              | Island                   | 3.26                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-07-19          | IL_EPA_WQX-RTZI-100              | Island                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-08-02          | IL_EPA_WQX-RTZI-100              | Island                   | 3.54                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-08-16          | IL_EPA_WQX-RTZI-100              | Island                   | 2.67                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28186                            | -88.19735                            | 2021-08-30          | IL_EPA_WQX-RTZI-100              | Island                   | 10.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.30547                            | -88.15133                            | 2021-06-21          | IL_EPA_WQX-F-16                  | Kankakee River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.30547                            | -88.15133                            | 2021-07-27          | IL_EPA_WQX-F-16                  | Kankakee River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.30547                            | -88.15133                            | 2021-08-30          | IL_EPA_WQX-F-16                  | Kankakee River           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.8028                             | -89.4071                             | 2019-08-15          | IL_EPA_WQX-REH-N3780280W8940710  | Kincaid                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2018-06-28          | IL_EPA_WQX-RNC-9                 | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2018-07-19          | IL_EPA_WQX-RNC-9                 | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2018-10-17          | IL_EPA_WQX-RNC-9                 | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier  | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-08-14          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-08-15          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-08-22          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-08-29          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-09-04          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-09-11          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-09-12          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-09-18          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-09-26          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-10-03          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-10-09          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-10-16          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-10-22          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.80418                            | -89.40711                            | 2019-10-30          | IL_EPA_WQX-RNC-9                | Kinkaid                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.7724                             | -88.8753                             | 2017-09-13          | IL_EPA_WQX-SOF-N3877240W8887530 | Kinmundy New             | 0.79                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.27238                            | -87.78724                            | 2017-05-10          | IL_EPA_WQX-QLM-17-08            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.19999                            | -87.74662                            | 2017-05-10          | IL_EPA_WQX-QLM-17-12            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.14426                            | -87.69785                            | 2017-05-31          | IL_EPA_WQX-QLM-17-14            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.87209                            | -87.58233                            | 2017-05-31          | IL_EPA_WQX-QLM-17-21            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.76273                            | -87.53899                            | 2017-05-31          | IL_EPA_WQX-QLM-17-25            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21279                            | -87.79392                            | 2017-06-13          | IL_EPA_WQX-QLM-PWS-09           | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1984                             | -87.77087                            | 2017-06-13          | IL_EPA_WQX-QLM-PWS-10           | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.19274                            | -87.7822                             | 2017-06-13          | IL_EPA_WQX-QLM-PWS-11           | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.15927                            | -87.73775                            | 2017-06-13          | IL_EPA_WQX-QLM-PWS-12           | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.15407                            | -87.75044                            | 2017-06-13          | IL_EPA_WQX-QLM-PWS-13           | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.27238                            | -87.78724                            | 2017-08-01          | IL_EPA_WQX-QLM-17-08            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.19999                            | -87.74662                            | 2017-08-01          | IL_EPA_WQX-QLM-17-12            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.14426                            | -87.69785                            | 2017-08-02          | IL_EPA_WQX-QLM-17-14            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.87209                            | -87.58233                            | 2017-08-02          | IL_EPA_WQX-QLM-17-21            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.76273                            | -87.53899                            | 2017-08-02          | IL_EPA_WQX-QLM-17-25            | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

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| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.21279                            | -87.79392                            | 2017-08-09          | IL_EPA_WQX-QLM-PWS-09          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1984                             | -87.77087                            | 2017-08-09          | IL_EPA_WQX-QLM-PWS-10          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.19274                            | -87.7822                             | 2017-08-09          | IL_EPA_WQX-QLM-PWS-11          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.15927                            | -87.73775                            | 2017-08-09          | IL_EPA_WQX-QLM-PWS-12          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.15407                            | -87.75044                            | 2017-08-09          | IL_EPA_WQX-QLM-PWS-13          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48484                            | -87.77383                            | 2018-07-25          | IL_EPA_WQX-QLM-18-01           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37711                            | -87.76017                            | 2018-07-25          | IL_EPA_WQX-QLM-18-06           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.09371                            | -87.65217                            | 2018-07-26          | IL_EPA_WQX-QLM-18-14           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9865                             | -87.61002                            | 2018-07-30          | IL_EPA_WQX-QLM-18-17           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.86127                            | -87.60513                            | 2018-07-30          | IL_EPA_WQX-QLM-18-22           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.14449                            | -87.73947                            | 2018-07-31          | IL_EPA_WQX-QLM-PWS-14          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1194                             | -87.72252                            | 2018-07-31          | IL_EPA_WQX-QLM-PWS-15          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.09073                            | -87.68054                            | 2018-07-31          | IL_EPA_WQX-QLM-PWS-17          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.06228                            | -87.65304                            | 2018-07-31          | IL_EPA_WQX-QLM-PWS-18          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48484                            | -87.77383                            | 2018-09-04          | IL_EPA_WQX-QLM-18-01           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37711                            | -87.76017                            | 2018-09-04          | IL_EPA_WQX-QLM-18-06           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.09371                            | -87.65217                            | 2018-09-11          | IL_EPA_WQX-QLM-18-14           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9865                             | -87.61002                            | 2018-09-12          | IL_EPA_WQX-QLM-18-17           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.86127                            | -87.60513                            | 2018-09-12          | IL_EPA_WQX-QLM-18-22           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.14449                            | -87.73947                            | 2018-09-17          | IL_EPA_WQX-QLM-PWS-14          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1194                             | -87.72252                            | 2018-09-17          | IL_EPA_WQX-QLM-PWS-15          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.09073                            | -87.68054                            | 2018-09-17          | IL_EPA_WQX-QLM-PWS-17          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.06228                            | -87.65304                            | 2018-09-17          | IL_EPA_WQX-QLM-PWS-18          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48484                            | -87.77383                            | 2018-10-25          | IL_EPA_WQX-QLM-18-01           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37711                            | -87.76017                            | 2018-10-25          | IL_EPA_WQX-QLM-18-06           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.34007                            | -87.80478                            | 2019-05-15          | IL_EPA_WQX-QLM-19-04           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.29346                            | -87.78815                            | 2019-05-15          | IL_EPA_WQX-QLM-19-07           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.20564                            | -87.73779                            | 2019-05-30          | IL_EPA_WQX-QLM-19-09           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.79809                            | -87.56387                            | 2019-06-05          | IL_EPA_WQX-QLM-19-24           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.78896                            | -87.51262                            | 2019-06-05          | IL_EPA_WQX-QLM-19-25           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.91643                            | -87.57475                            | 2019-06-12          | IL_EPA_WQX-QLM-PWS-19          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89649                            | -87.60582                            | 2019-06-12          | IL_EPA_WQX-QLM-PWS-20          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7865                             | -87.52916                            | 2019-06-12          | IL_EPA_WQX-QLM-PWS-21          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

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| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.75852                            | -87.54192                            | 2019-06-12          | IL_EPA_WQX-QLM-PWS-22          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.34007                            | -87.80478                            | 2019-08-06          | IL_EPA_WQX-QLM-19-04           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.29346                            | -87.78815                            | 2019-08-06          | IL_EPA_WQX-QLM-19-07           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.20564                            | -87.73779                            | 2019-08-20          | IL_EPA_WQX-QLM-19-09           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.79809                            | -87.56387                            | 2019-09-11          | IL_EPA_WQX-QLM-19-24           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.78896                            | -87.51262                            | 2019-09-11          | IL_EPA_WQX-QLM-19-25           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.91643                            | -87.57475                            | 2019-09-24          | IL_EPA_WQX-QLM-PWS-19          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89649                            | -87.60582                            | 2019-09-24          | IL_EPA_WQX-QLM-PWS-20          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7865                             | -87.52916                            | 2019-09-24          | IL_EPA_WQX-QLM-PWS-21          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.75852                            | -87.54192                            | 2019-09-24          | IL_EPA_WQX-QLM-PWS-22          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.34007                            | -87.80478                            | 2019-10-09          | IL_EPA_WQX-QLM-19-04           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.29346                            | -87.78815                            | 2019-10-28          | IL_EPA_WQX-QLM-19-07           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.20564                            | -87.73779                            | 2019-10-28          | IL_EPA_WQX-QLM-19-09           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.79809                            | -87.56387                            | 2019-11-04          | IL_EPA_WQX-QLM-19-24           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.78896                            | -87.51262                            | 2019-11-04          | IL_EPA_WQX-QLM-19-25           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.91643                            | -87.57475                            | 2019-11-05          | IL_EPA_WQX-QLM-PWS-19          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89649                            | -87.60582                            | 2019-11-05          | IL_EPA_WQX-QLM-PWS-20          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7865                             | -87.52916                            | 2019-11-05          | IL_EPA_WQX-QLM-PWS-21          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.75852                            | -87.54192                            | 2019-11-05          | IL_EPA_WQX-QLM-PWS-22          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47147                            | -87.7431                             | 2020-08-20          | IL_EPA_WQX-QLM-20-02           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.39048                            | -87.75333                            | 2020-08-20          | IL_EPA_WQX-QLM-20-04           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.17316                            | -87.77218                            | 2020-08-24          | IL_EPA_WQX-QLM-20-11           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9947                             | -87.63443                            | 2020-08-26          | IL_EPA_WQX-QLM-20-20           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88217                            | -87.57398                            | 2020-08-31          | IL_EPA_WQX-QLM-20-23           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4637                             | -87.7851                             | 2020-09-23          | IL_EPA_WQX-QLM-PWS-01          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.35863                            | -87.80971                            | 2020-09-23          | IL_EPA_WQX-QLM-PWS-02          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.35215                            | -87.79949                            | 2020-09-23          | IL_EPA_WQX-QLM-PWS-03          | Lake Michigan            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.47147                            | -87.7431                             | 2020-10-07          | IL_EPA_WQX-QLM-20-02           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.39048                            | -87.75333                            | 2020-10-07          | IL_EPA_WQX-QLM-20-04           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.17316                            | -87.77218                            | 2020-10-19          | IL_EPA_WQX-QLM-20-11           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9947                             | -87.63443                            | 2020-10-27          | IL_EPA_WQX-QLM-20-20           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88217                            | -87.57398                            | 2020-10-27          | IL_EPA_WQX-QLM-20-23           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.44077                            | -87.78384                            | 2021-06-22          | IL_EPA_WQX-QLM-21-03           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.11761                            | -87.6545                             | 2021-06-28          | IL_EPA_WQX-QLM-21-14           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9153                             | -87.59765                            | 2021-06-30          | IL_EPA_WQX-QLM-21-19           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.80052                            | -87.57047                            | 2021-08-09          | IL_EPA_WQX-QLM-21-24           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.76834                            | -87.54437                            | 2021-08-09          | IL_EPA_WQX-QLM-21-25           | Lake Michigan            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier | Monitoring Location Name                                    | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|--------------------------------|-------------------------------------------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.32278                            | -87.82734                            | 2021-08-10          | IL_EPA_WQX-QLM-PWS-04          | Lake Michigan                                               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.32213                            | -87.80749                            | 2021-08-10          | IL_EPA_WQX-QLM-PWS-05          | Lake Michigan                                               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.31145                            | -87.80186                            | 2021-08-10          | IL_EPA_WQX-QLM-PWS-06          | Lake Michigan                                               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.28368                            | -87.81595                            | 2021-08-10          | IL_EPA_WQX-QLM-PWS-07          | Lake Michigan                                               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.26834                            | -87.81336                            | 2021-08-10          | IL_EPA_WQX-QLM-PWS-08          | Lake Michigan                                               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.44077                            | -87.78384                            | 2021-08-16          | IL_EPA_WQX-QLM-21-03           | Lake Michigan                                               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.11761                            | -87.6545                             | 2021-08-18          | IL_EPA_WQX-QLM-21-14           | Lake Michigan                                               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9153                             | -87.59765                            | 2021-08-24          | IL_EPA_WQX-QLM-21-19           | Lake Michigan                                               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.80052                            | -87.57047                            | 2021-09-30          | IL_EPA_WQX-QLM-21-24           | Lake Michigan                                               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.76834                            | -87.54437                            | 2021-09-30          | IL_EPA_WQX-QLM-21-25           | Lake Michigan                                               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.83649                            | -87.60164                            | 2019-07-01          | IL_EPA_WQX-QZX-01              | Lake Michigan (31st Street Harbor)                          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.83649                            | -87.60164                            | 2019-09-16          | IL_EPA_WQX-QZX-01              | Lake Michigan (31st Street Harbor)                          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.83649                            | -87.60164                            | 2019-11-06          | IL_EPA_WQX-QZX-01              | Lake Michigan (31st Street Harbor)                          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.78761                            | -87.57906                            | 2020-09-29          | IL_EPA_WQX-QZY-01              | Lake Michigan (59th Street Harbor)                          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.943                              | -87.638                              | 2018-08-01          | IL_EPA_WQX-QZP-01              | Lake Michigan (Belmont Harbor)                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.943                              | -87.638                              | 2018-09-18          | IL_EPA_WQX-QZP-01              | Lake Michigan (Belmont Harbor)                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.86046                            | -87.61089                            | 2019-07-01          | IL_EPA_WQX-QZW-01              | Lake Michigan (Burnham Park Harbor)                         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.86046                            | -87.61089                            | 2019-09-16          | IL_EPA_WQX-QZW-01              | Lake Michigan (Burnham Park Harbor)                         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.86046                            | -87.61089                            | 2019-11-06          | IL_EPA_WQX-QZW-01              | Lake Michigan (Burnham Park Harbor)                         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7325                             | -87.52667                            | 2020-09-29          | IL_EPA_WQX-QT-02               | Lake Michigan (Calumet/US Steel)                            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88606                            | -87.61065                            | 2019-07-01          | IL_EPA_WQX-QZT-01              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.87969                            | -87.61343                            | 2019-07-01          | IL_EPA_WQX-QZT-02              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88606                            | -87.61065                            | 2019-09-16          | IL_EPA_WQX-QZT-01              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|--------------------------------|-------------------------------------------------------------|----------------------|-----------------------------------|-----------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.87969                            | -87.61343                            | 2019-09-16          | IL_EPA_WQX-QZT-02              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88606                            | -87.61065                            | 2019-11-06          | IL_EPA_WQX-QZT-01              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.87969                            | -87.61343                            | 2019-11-06          | IL_EPA_WQX-QZT-02              | Lake Michigan (Chicago Harbor/DuSable Harbor/Monroe Harbor) |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89867                            | -87.61111                            | 2018-08-01          | IL_EPA_WQX-QZS-01              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89025                            | -87.60648                            | 2018-08-01          | IL_EPA_WQX-QZS-02              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88427                            | -87.6018                             | 2018-08-01          | IL_EPA_WQX-QZS-03              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89867                            | -87.61111                            | 2018-09-18          | IL_EPA_WQX-QZS-01              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89025                            | -87.60648                            | 2018-09-18          | IL_EPA_WQX-QZS-02              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.88427                            | -87.6018                             | 2018-09-18          | IL_EPA_WQX-QZS-03              | Lake Michigan (Chicago Harbor/Navy Pier)                    |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.93001                            | -87.63311                            | 2018-08-01          | IL_EPA_WQX-QZI-01              | Lake Michigan (Diversey Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.93001                            | -87.63311                            | 2018-09-18          | IL_EPA_WQX-QZI-01              | Lake Michigan (Diversey Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.77828                            | -87.5777                             | 2020-09-29          | IL_EPA_WQX-QZM-01              | Lake Michigan (Jackson Park South Lagoon/Yacht Harbor)      |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.77691                            | -87.57358                            | 2020-09-29          | IL_EPA_WQX-QZM-02              | Lake Michigan (Jackson Park South Lagoon/Yacht Harbor)      |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.962                              | -87.638                              | 2017-06-14          | IL_EPA_WQX-QZR-01              | Lake Michigan (Montrose Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.962                              | -87.638                              | 2017-08-10          | IL_EPA_WQX-QZR-01              | Lake Michigan (Montrose Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36686                            | -87.82131                            | 2021-08-11          | IL_EPA_WQX-QZO-02              | Lake Michigan (Waukegan Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36095                            | -87.81917                            | 2021-08-11          | IL_EPA_WQX-QZO-06              | Lake Michigan (Waukegan Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36295                            | -87.82323                            | 2021-08-11          | IL_EPA_WQX-QZO-10              | Lake Michigan (Waukegan Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.35806                            | -87.82014                            | 2021-08-11          | IL_EPA_WQX-QZO-25              | Lake Michigan (Waukegan Harbor)                             |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48526                            | -87.8008                             | 2021-08-11          | IL_EPA_WQX-QH-09               | Lake Michigan (Waukegan/Wisconsin line)                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|-----------------------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.48963                            | -87.8018                             | 2021-08-11          | IL_EPA_WQX-QH-10                | Lake Michigan (Waukegan/Wisconsin line) |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.077                              | -87.683                              | 2017-06-14          | IL_EPA_WQX-QZG-01               | Lake Michigan (Wilmette Harbor)         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.077                              | -87.683                              | 2017-08-10          | IL_EPA_WQX-QZG-01               | Lake Michigan (Wilmette Harbor)         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62123                            | -88.94465                            | 2020-07-30          | IL_EPA_WQX-RAL-1                | Lake of Egypt                           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.59525                            | -88.93198                            | 2020-07-30          | IL_EPA_WQX-RAL-100              | Lake of Egypt                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.5778                             | -88.93847                            | 2020-07-30          | IL_EPA_WQX-RAL-101              | Lake of Egypt                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62123                            | -88.94465                            | 2020-08-20          | IL_EPA_WQX-RAL-1                | Lake of Egypt                           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.59525                            | -88.93198                            | 2020-08-20          | IL_EPA_WQX-RAL-100              | Lake of Egypt                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.5778                             | -88.93847                            | 2020-08-20          | IL_EPA_WQX-RAL-101              | Lake of Egypt                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62123                            | -88.94465                            | 2020-10-07          | IL_EPA_WQX-RAL-1                | Lake of Egypt                           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62123                            | -88.94465                            | 2020-10-26          | IL_EPA_WQX-RAL-1                | Lake of Egypt                           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2479                             | -88.1609                             | 2020-08-24          | IL_EPA_WQX-UTS-N4224790W8816090 | Lakeland Estates                        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.63119                            | -89.7509                             | 2018-06-28          | IL_EPA_WQX-SDP-N4063119W8975090 | Lancelot                                | 0.68                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2017-06-12          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2017-07-10          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              | 11.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2017-07-24          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25189                            | -89.49478                            | 2017-09-21          | IL_EPA_WQX-RPA-98               | Le-Aqua-Na                              | 45                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2017-10-10          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              | 1.16                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25189                            | -89.49478                            | 2019-06-25          | IL_EPA_WQX-RPA-98               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25189                            | -89.49478                            | 2019-06-25          | IL_EPA_WQX-RPA-98               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2019-06-25          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42016                            | -89.82768                            | 2019-06-25          | IL_EPA_WQX-RPA-99               | Le-Aqua-Na                              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.32824                            | -88.20267                            | 2021-06-21          | IL_EPA_WQX-RTZJ-100             | Lily                                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.32824                            | -88.20267                            | 2021-07-27          | IL_EPA_WQX-RTZJ-100             | Lily                                    | 1.72                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41881                            | -88.03155                            | 2020-08-17          | IL_EPA_WQX-RGC-N4241881W8803155 | Linden                                  | 15.2                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41881                            | -88.03155                            | 2020-08-31          | IL_EPA_WQX-RGC-N4241881W8803155 | Linden                                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.64189                            | -89.14287                            | 2018-06-12          | IL_EPA_WQX-RNK-100              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63948                            | -89.14018                            | 2018-06-12          | IL_EPA_WQX-RNK-101              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62386                            | -89.1376                             | 2018-06-12          | IL_EPA_WQX-RNK-102              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62307                            | -89.14691                            | 2018-06-12          | IL_EPA_WQX-RNK-103              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63226                            | -89.14796                            | 2018-06-12          | IL_EPA_WQX-RNK-104              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63578                            | -89.15237                            | 2018-06-12          | IL_EPA_WQX-RNK-105              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63847                            | -89.15056                            | 2018-06-12          | IL_EPA_WQX-RNK-106              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.64189                            | -89.14287                            | 2018-07-18          | IL_EPA_WQX-RNK-100              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63948                            | -89.14018                            | 2018-07-18          | IL_EPA_WQX-RNK-101              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62386                            | -89.1376                             | 2018-07-18          | IL_EPA_WQX-RNK-102              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.62307                            | -89.14691                            | 2018-07-18          | IL_EPA_WQX-RNK-103              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63226                            | -89.14796                            | 2018-07-18          | IL_EPA_WQX-RNK-104              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63578                            | -89.15237                            | 2018-07-18          | IL_EPA_WQX-RNK-105              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.63847                            | -89.15056                            | 2018-07-18          | IL_EPA_WQX-RNK-106              | Little Grassy                           |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier  | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|--------------------------|----------------------|-----------------------------------|-----------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.47154                            | -88.0726                             | 2021-07-27          | IL_EPA_WQX-STC-N4247154W8807260 | Little Silver            | 3.67                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 39.10399                            | -88.59393                            | 2021-07-06          | IL_EPA_WQX-C-21                 | Little Wabash River      |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 39.10399                            | -88.59393                            | 2021-08-16          | IL_EPA_WQX-C-21                 | Little Wabash River      | 0.35                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 39.10399                            | -88.59393                            | 2021-09-14          | IL_EPA_WQX-C-21                 | Little Wabash River      |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2017-06-06          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2828                             | -88.0116                             | 2018-05-22          | IL_EPA_WQX-RGU-N4228280W8801160 | Loch Lomond              | 2830                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-05-29          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 742                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-06-06          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 3.52                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-06-18          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 0.56                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-07-09          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-07-23          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 2.33                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-08-06          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 2.67                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2018-08-20          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-06-17          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-07-01          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-07-15          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-07-29          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-08-12          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 0.69                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2019-08-26          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2020-06-29          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2020-07-13          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2020-07-27          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2020-08-10          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 6.82                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2020-08-20          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-06-07          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-06-14          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-06-21          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-07-06          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-07-19          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-08-02          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-08-16          | IL_EPA_WQX-RGU-100              | Loch Lomond              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.27708                            | -88.01015                            | 2021-08-30          | IL_EPA_WQX-RGU-100              | Loch Lomond              | 0.43                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2017-06-15          | IL_EPA_WQX-RTJ-100              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2017-06-15          | IL_EPA_WQX-RTJ-101              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2017-06-29          | IL_EPA_WQX-RTJ-100              | Long                     | 0.56                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2017-06-29          | IL_EPA_WQX-RTJ-101              | Long                     | 0.6                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3779                             | -88.1155                             | 2017-10-05          | IL_EPA_WQX-RTJ-N4237790W8811550 | Long                     | 44.4                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3812                             | -88.1255                             | 2017-10-19          | IL_EPA_WQX-RTJ-N4238120W8812550 | Long                     | 38.8                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3812                             | -88.1255                             | 2017-10-26          | IL_EPA_WQX-RTJ-N4238120W8812550 | Long                     | 3.9                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-06-07          | IL_EPA_WQX-RTJ-100              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-06-07          | IL_EPA_WQX-RTJ-101              | Long                     | 0.5                  | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-06-21          | IL_EPA_WQX-RTJ-100              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-06-21          | IL_EPA_WQX-RTJ-101              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-07-05          | IL_EPA_WQX-RTJ-100              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-07-05          | IL_EPA_WQX-RTJ-101              | Long                     |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3782                             | -88.1332                             | 2018-07-13          | IL_EPA_WQX-RTJ-N4237820W8813320 | Long                     | 1500                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3779                             | -88.1154                             | 2018-07-17          | IL_EPA_WQX-RTJ-N4237790W8811540 | Long                     | 3.03                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-07-19          | IL_EPA_WQX-RTJ-100              | Long                     | 0.51                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-07-19          | IL_EPA_WQX-RTJ-101              | Long                     | 1.4                  | ug/L                              |                       |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-08-02          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-08-02          | IL_EPA_WQX-RTJ-101               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2018-08-16          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2018-08-16          | IL_EPA_WQX-RTJ-101               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-06-05          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-06-05          | IL_EPA_WQX-RTJ-101               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-06-18          | IL_EPA_WQX-RTJ-100               | Long                     | 2.4                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-06-18          | IL_EPA_WQX-RTJ-101               | Long                     | 7.59                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.37826                            | -88.13323                            | 2019-06-24          | IL_EPA_WQX-RTJ-N4237826W8813323  | Long                     | 807                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3813                             | -88.12554                            | 2019-07-01          | IL_EPA_WQX-RTJ-N4238130W8812554  | Long                     | 0.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-07-17          | IL_EPA_WQX-RTJ-100               | Long                     | 242                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-08-01          | IL_EPA_WQX-RTJ-100               | Long                     | 0.79                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-08-01          | IL_EPA_WQX-RTJ-101               | Long                     | 4.39                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-08-15          | IL_EPA_WQX-RTJ-100               | Long                     | 0.81                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-08-15          | IL_EPA_WQX-RTJ-101               | Long                     | 34.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-09-02          | IL_EPA_WQX-RTJ-100               | Long                     | 10900                | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3812                             | -88.1256                             | 2019-09-02          | IL_EPA_WQX-RTJ-N4238120W8812560  | Long                     | 38.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-09-03          | IL_EPA_WQX-RTJ-100               | Long                     | 8.33                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-09-03          | IL_EPA_WQX-RTJ-101               | Long                     | 98                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-09-12          | IL_EPA_WQX-RTJ-100               | Long                     | 4.72                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3743                             | -88.1154                             | 2019-09-12          | IL_EPA_WQX-RTJ-101               | Long                     | 3.1                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2019-09-17          | IL_EPA_WQX-RTJ-100               | Long                     | 7.19                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2020-06-19          | IL_EPA_WQX-RTJ-100               | Long                     | 7.5                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2020-07-14          | IL_EPA_WQX-RTJ-100               | Long                     | 0.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2020-09-14          | IL_EPA_WQX-RTJ-100               | Long                     | 19.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3827                             | -88.12558                            | 2020-10-05          | IL_EPA_WQX-RTJ-N4238270W8812558  | Long                     | 18.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3827                             | -88.12558                            | 2020-10-14          | IL_EPA_WQX-RTJ-N4238270W8812558  | Long                     | 5.04                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2021-06-09          | IL_EPA_WQX-RTJ-100               | Long                     | 17.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2021-06-22          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2021-07-06          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.3731                             | -88.1281                             | 2021-07-13          | IL_EPA_WQX-RTJ-100               | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.37849                            | -88.13272                            | 2021-08-24          | IL_EPA_WQX-RTJ-N4237849W8813272  | Long                     | 3.7                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.37849                            | -88.13272                            | 2021-08-24          | IL_EPA_WQX-RTJ-N4237849W8813272  | Long                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1605                             | -88.1152                             | 2017-06-21          | IL_EPA_WQX-VTZJ-N4216050W8811520 | Louise                   | 528                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1605                             | -88.1152                             | 2019-08-14          | IL_EPA_WQX-VTZJ-N4216050W8811520 | Louise                   | 15.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-06-08          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 16.9                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1605                             | -88.1152                             | 2020-06-12          | IL_EPA_WQX-VTZJ-N4216050W8811520 | Louise                   | 9.9                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1605                             | -88.1152                             | 2020-06-19          | IL_EPA_WQX-VTZJ-N4216050W8811520 | Louise                   | 17.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-06-26          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 25.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-07-15          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 2.73                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-08-13          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 18.7                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-09-23          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 179                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-09-28          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 7.19                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-10-05          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 25.3                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-10-14          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   | 29.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11514                            | 2020-10-21          | IL_EPA_WQX-VTZJ-N4216050W8811514 | Louise                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.16051                            | -88.11526                            | 2021-07-13          | IL_EPA_WQX-VTZJ-N4216051W8811526 | Louise                   | 4340                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 39.22599                            | -89.83688                            | 2021-07-06          | IL_EPA_WQX-WDW-1                 | Loveless                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.22599                            | -89.83688                            | 2021-07-28          | IL_EPA_WQX-WDW-1                 | Loveless                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.22599                            | -89.83688                            | 2021-09-02          | IL_EPA_WQX-WDW-1                 | Loveless                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.71828                            | -90.2173                             | 2021-06-28          | IL_EPA_WQX-SDL-1                 | Mauvaise Terre           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.71828                            | -90.2173                             | 2021-07-23          | IL_EPA_WQX-SDL-1                 | Mauvaise Terre           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.71828                            | -90.2173                             | 2021-08-24          | IL_EPA_WQX-SDL-1                 | Mauvaise Terre           | 0.63                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36548                            | -88.29101                            | 2019-06-20          | IL_EPA_WQX-RTZD-100              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36065                            | -88.28251                            | 2019-06-20          | IL_EPA_WQX-RTZD-101              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3572                             | -88.28788                            | 2019-06-20          | IL_EPA_WQX-RTZD-102              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36548                            | -88.29101                            | 2019-07-11          | IL_EPA_WQX-RTZD-100              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36065                            | -88.28251                            | 2019-07-11          | IL_EPA_WQX-RTZD-101              | McCullom                 | 0.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3572                             | -88.28788                            | 2019-07-11          | IL_EPA_WQX-RTZD-102              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36548                            | -88.29101                            | 2019-10-17          | IL_EPA_WQX-RTZD-100              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.36065                            | -88.28251                            | 2019-10-17          | IL_EPA_WQX-RTZD-101              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3572                             | -88.28788                            | 2019-10-17          | IL_EPA_WQX-RTZD-102              | McCullom                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0857                             | -88.5573                             | 2019-08-01          | IL_EPA_WQX-RAZA-N3808570W8855730 | McLeansboro New          | 1.68                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0857                             | -88.5573                             | 2019-11-20          | IL_EPA_WQX-RAZA-N3808570W8855730 | McLeansboro New          | 1.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0857                             | -88.5573                             | 2019-12-04          | IL_EPA_WQX-RAZA-N3808570W8855730 | McLeansboro New          | 0.36                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0857                             | -88.5573                             | 2019-12-18          | IL_EPA_WQX-RAZA-N3808570W8855730 | McLeansboro New          | 0.44                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3927                             | -88.0434                             | 2018-05-22          | IL_EPA_WQX-RGZD-N4239270W8804340 | Miltmore                 | 2170                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.39712                            | -88.04484                            | 2018-05-31          | IL_EPA_WQX-RGZD-N4239712W8804484 | Miltmore                 | 1.84                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.39547                            | -91.37206                            | 2017-06-14          | IL_EPA_WQX-K-22                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.90391                            | -91.43064                            | 2017-06-21          | IL_EPA_WQX-K-17                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.21652                            | -89.466                              | 2017-06-26          | IL_EPA_WQX-I-84                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2017-06-29          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.89861                            | -90.155                              | 2017-07-13          | IL_EPA_WQX-M-12                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2017-08-23          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.39547                            | -91.37206                            | 2017-09-05          | IL_EPA_WQX-K-22                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.90391                            | -91.43064                            | 2017-09-13          | IL_EPA_WQX-K-17                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2017-09-21          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.21652                            | -89.466                              | 2017-09-28          | IL_EPA_WQX-I-84                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2017-10-18          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2021-06-21          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2021-07-15          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.12773                            | -90.17263                            | 2021-08-10          | IL_EPA_WQX-M-N4212773W9017263    | Mississippi River        | 14.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.86566                            | -90.14472                            | 2021-09-14          | IL_EPA_WQX-J-98                  | Mississippi River        |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.34518                            | -89.36324                            | 2017-06-22          | IL_EPA_WQX-ROO-1                 | Nashville City           | 0.45                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.34518                            | -89.36324                            | 2017-07-31          | IL_EPA_WQX-ROO-1                 | Nashville City           | 0.65                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.34518                            | -89.36324                            | 2017-10-30          | IL_EPA_WQX-ROO-1                 | Nashville City           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.9799                             | -88.3121                             | 2019-07-10          | IL_EPA_WQX-RAR-N3797990W8831210  | Norris City              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.9808                             | -88.314                              | 2019-11-06          | IL_EPA_WQX-RAR-N3798080W8831400  | Norris City              | 0.5                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.9808                             | -88.314                              | 2019-12-04          | IL_EPA_WQX-RAR-N3798080W8831400  | Norris City              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.3702                             | -88.483                              | 2019-10-04          | IL_EPA_WQX-A-N3737020W8848300    | Ohio River               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.4445                             | -88.305                              | 2019-10-04          | IL_EPA_WQX-A-N3744450W8830500    | Ohio River               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76167                            | -88.07671                            | 2017-06-27          | IL_EPA_WQX-RCC-1                 | Olney East Fork          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76167                            | -88.07671                            | 2017-07-25          | IL_EPA_WQX-RCC-1                 | Olney East Fork          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76167                            | -88.07671                            | 2017-10-25          | IL_EPA_WQX-RCC-1                 | Olney East Fork          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.0108                             | -87.8952                             | 2019-09-10          | IL_EPA_WQX-RGF-N4201080W8789520  | Opeka                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.0157                             | -87.8985                             | 2019-09-10          | IL_EPA_WQX-RGF-N4201570W8789850  | Opeka                    | 4.88                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.44309                            | -89.96278                            | 2021-06-22          | IL_EPA_WQX-RDZP-2                | Palmyra-Modesto          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.44309                            | -89.96278                            | 2021-07-21          | IL_EPA_WQX-RDZP-2                | Palmyra-Modesto          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.44309                            | -89.96278                            | 2021-08-23          | IL_EPA_WQX-RDZP-2                | Palmyra-Modesto          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.44345                            | -89.96738                            | 2021-09-20          | IL_EPA_WQX-RDZP-N3944345W8996738 | Palmyra-Modesto          | 2.89                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41523                            | -88.43769                            | 2017-07-25          | IL_EPA_WQX-RCG-4                 | Paradise                 | 0.58                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41599                            | -88.44343                            | 2018-06-28          | IL_EPA_WQX-RCG-N3941599W8844343  | Paradise                 | 3520                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41523                            | -88.43769                            | 2018-07-10          | IL_EPA_WQX-RCG-4                 | Paradise                 | 0.79                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.4141                             | -88.4377                             | 2018-07-10          | IL_EPA_WQX-RCG-N3941410W8843770  | Paradise                 | 4                    | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41503                            | -88.4371                             | 2018-07-24          | IL_EPA_WQX-RCG-N3941503W8843710  | Paradise                 | 2.2                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41756                            | -88.43095                            | 2018-07-24          | IL_EPA_WQX-RCG-N3941756W8843095  | Paradise                 | 2.76                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41523                            | -88.43769                            | 2021-06-29          | IL_EPA_WQX-RCG-4                 | Paradise                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41523                            | -88.43769                            | 2021-07-22          | IL_EPA_WQX-RCG-4                 | Paradise                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.41523                            | -88.43769                            | 2021-08-25          | IL_EPA_WQX-RCG-4                 | Paradise                 | 0.43                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.8946                             | -89.4377                             | 2017-09-18          | IL_EPA_WQX-ROY-N3889460W8943770  | Patriots Park            | 1.78                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4343                             | -88.1308                             | 2020-06-30          | IL_EPA_WQX-VTW-N4243430W8813080  | Petite                   | 17.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.09737                            | -89.39651                            | 2018-06-20          | IL_EPA_WQX-RNH-1                 | Pinckneyville            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.09737                            | -89.39651                            | 2018-07-26          | IL_EPA_WQX-RNH-1                 | Pinckneyville            | 0.3                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.09737                            | -89.39651                            | 2018-10-22          | IL_EPA_WQX-RNH-1                 | Pinckneyville            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.09737                            | -89.39651                            | 2019-06-18          | IL_EPA_WQX-RNH-1                 | Pinckneyville            |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.89977                            | -88.64374                            | 2018-06-27          | IL_EPA_WQX-WDB-1                 | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.90607                            | -88.65125                            | 2018-06-27          | IL_EPA_WQX-WDB-2                 | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.89977                            | -88.64374                            | 2018-08-08          | IL_EPA_WQX-WDB-1                 | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.90607                            | -88.65125                            | 2018-08-08          | IL_EPA_WQX-WDB-2                 | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier  | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.89977                            | -88.64374                            | 2018-10-02          | IL_EPA_WQX-WDB-1                | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.90607                            | -88.65125                            | 2018-10-02          | IL_EPA_WQX-WDB-2                | Pontiac Quarry           |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.615                              | -88.2741                             | 2019-09-04          | IL_EPA_WQX-RAO-N3761500W8827410 | Pounds Hollow            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.615                              | -88.2741                             | 2019-11-05          | IL_EPA_WQX-RAO-N3761500W8827410 | Pounds Hollow            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.61497                            | -88.27427                            | 2020-07-27          | IL_EPA_WQX-RAO-100              | Pounds Hollow            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.61497                            | -88.27427                            | 2020-08-19          | IL_EPA_WQX-RAO-100              | Pounds Hollow            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54508                            | -89.1079                             | 2017-06-08          | IL_EPA_WQX-ROK-1                | Raccoon                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54508                            | -89.1079                             | 2017-07-06          | IL_EPA_WQX-ROK-1                | Raccoon                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54508                            | -89.1079                             | 2021-06-22          | IL_EPA_WQX-ROK-1                | Raccoon                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54508                            | -89.1079                             | 2021-08-05          | IL_EPA_WQX-ROK-1                | Raccoon                  |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.54508                            | -89.1079                             | 2021-09-02          | IL_EPA_WQX-ROK-1                | Raccoon                  | 0.33                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3726                             | -88.1783                             | 2018-06-14          | IL_EPA_WQX-RTV-100              | Redhead                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3726                             | -88.1783                             | 2018-07-11          | IL_EPA_WQX-RTV-100              | Redhead                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3726                             | -88.1783                             | 2018-08-14          | IL_EPA_WQX-RTV-100              | Redhead                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3726                             | -88.1783                             | 2018-10-22          | IL_EPA_WQX-RTV-100              | Redhead                  |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05133                            | -88.95443                            | 2018-06-24          | IL_EPA_WQX-RNB-102              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05722                            | -88.98752                            | 2018-06-25          | IL_EPA_WQX-RNB-100              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.03661                            | -88.94385                            | 2018-06-25          | IL_EPA_WQX-RNB-101              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05133                            | -88.95443                            | 2018-06-25          | IL_EPA_WQX-RNB-102              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.04896                            | -88.95374                            | 2018-06-25          | IL_EPA_WQX-RNB-5                | Rend                     |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0386                             | -88.9843                             | 2018-06-25          | IL_EPA_WQX-RNB-N3803860W8898430 | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0448                             | -88.9864                             | 2018-06-25          | IL_EPA_WQX-RNB-N3804480W8898640 | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.0506                             | -88.9548                             | 2018-06-25          | IL_EPA_WQX-RNB-N3805060W8895480 | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05722                            | -88.98752                            | 2018-07-24          | IL_EPA_WQX-RNB-100              | Rend                     | 0.6                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.03661                            | -88.94385                            | 2018-07-24          | IL_EPA_WQX-RNB-101              | Rend                     | 0.36                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05133                            | -88.95443                            | 2018-07-24          | IL_EPA_WQX-RNB-102              | Rend                     | 0.71                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.04896                            | -88.95374                            | 2018-07-24          | IL_EPA_WQX-RNB-5                | Rend                     | 0.54                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05722                            | -88.98752                            | 2018-08-15          | IL_EPA_WQX-RNB-100              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.03661                            | -88.94385                            | 2018-08-15          | IL_EPA_WQX-RNB-101              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.05133                            | -88.95443                            | 2018-08-15          | IL_EPA_WQX-RNB-102              | Rend                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.04896                            | -88.95374                            | 2018-10-16          | IL_EPA_WQX-RNB-5                | Rend                     |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8274                             | -88.0974                             | 2020-09-28          | IL_EPA_WQX-WGZW-3               | Rice                     | 7.17                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3592                             | -88.07737                            | 2018-05-23          | IL_EPA_WQX-RTH-N4235920W8807737 | Round                    | 3860                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.359                              | -88.0781                             | 2018-05-30          | IL_EPA_WQX-RTH-N4235900W8807810 | Round                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.6963                             | -87.9048                             | 2020-08-06          | IL_EPA_WQX-RHH-N4169630W8790480 | Saganashkee Slough       |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64118                            | -88.946                              | 2020-08-05          | IL_EPA_WQX-ROR-1                | Salem                    | 0.42                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64118                            | -88.946                              | 2020-08-26          | IL_EPA_WQX-ROR-1                | Salem                    | 0.32                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|---------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64118                            | -88.946                              | 2020-10-13          | IL_EPA_WQX-ROR-1                 | Salem                     |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.64118                            | -88.946                              | 2020-10-28          | IL_EPA_WQX-ROR-1                 | Salem                     |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.08274                            | -87.78092                            | 2020-08-27          | IL_EPA_WQX-BPJ-03                | Salt Fork Vermilion River |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.08826                            | -87.82503                            | 2020-08-27          | IL_EPA_WQX-BPJ-08                | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.06223                            | -87.93951                            | 2020-08-27          | IL_EPA_WQX-BPJ-10                | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.0647                             | -87.8797                             | 2020-08-27          | IL_EPA_WQX-BPJ-N4006470W8787970  | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.08274                            | -87.78092                            | 2021-06-28          | IL_EPA_WQX-BPJ-03                | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.08274                            | -87.78092                            | 2021-08-09          | IL_EPA_WQX-BPJ-03                | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.08274                            | -87.78092                            | 2021-09-07          | IL_EPA_WQX-BPJ-03                | Salt Fork Vermilion River |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.40809                            | -88.03698                            | 2020-08-19          | IL_EPA_WQX-RGM-N4240809W8803698  | Sand                      | 49.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.6429                             | -89.9182                             | 2017-08-02          | IL_EPA_WQX-UDZX-N4064290W8991820 | Sanders Back Lake         | 0.69                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.60972                            | -89.49444                            | 2021-06-21          | IL_EPA_WQX-OI-08                 | Shoal Creek               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.60972                            | -89.49444                            | 2021-07-15          | IL_EPA_WQX-OI-08                 | Shoal Creek               | 0.48                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.60972                            | -89.49444                            | 2021-09-14          | IL_EPA_WQX-OI-08                 | Shoal Creek               | 0.35                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24742                            | -88.24661                            | 2020-07-16          | IL_EPA_WQX-RTW-100               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24332                            | -88.24651                            | 2020-07-16          | IL_EPA_WQX-RTW-101               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24742                            | -88.24661                            | 2020-08-11          | IL_EPA_WQX-RTW-100               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24332                            | -88.24651                            | 2020-08-11          | IL_EPA_WQX-RTW-101               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24742                            | -88.24661                            | 2020-09-09          | IL_EPA_WQX-RTW-100               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24332                            | -88.24651                            | 2020-09-09          | IL_EPA_WQX-RTW-101               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24742                            | -88.24661                            | 2020-10-14          | IL_EPA_WQX-RTW-100               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24332                            | -88.24651                            | 2020-10-14          | IL_EPA_WQX-RTW-101               | Silver                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.36339                            | -88.58776                            | 2021-06-29          | IL_EPA_WQX-CA-05                 | Skillet Fork              |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.36339                            | -88.58776                            | 2021-08-17          | IL_EPA_WQX-CA-05                 | Skillet Fork              |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.36339                            | -88.58776                            | 2021-09-28          | IL_EPA_WQX-CA-05                 | Skillet Fork              |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.11705                            | -88.77017                            | 2021-08-17          | IL_EPA_WQX-RHJ-N4211705W8777017  | Skokie Lagoons            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.12612                            | -87.77362                            | 2021-09-27          | IL_EPA_WQX-RHJ-3                 | Skokie Lagoons            |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.42545                            | -89.75262                            | 2021-06-23          | IL_EPA_WQX-SOL-1                 | Slm Side Channel          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.42545                            | -89.75262                            | 2021-07-27          | IL_EPA_WQX-SOL-1                 | Slm Side Channel          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.42545                            | -89.75262                            | 2021-09-01          | IL_EPA_WQX-SOL-1                 | Slm Side Channel          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-06-06          | IL_EPA_WQX-RTP-100               | Slocum                    | 6.02                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-06-18          | IL_EPA_WQX-RTP-100               | Slocum                    | 2.51                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-07-09          | IL_EPA_WQX-RTP-100               | Slocum                    | 1.45                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-07-23          | IL_EPA_WQX-RTP-100               | Slocum                    | 2.3                  | ug/L                              |                            |                                 | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-08-06          | IL_EPA_WQX-RTP-100               | Slocum                   | 1.52                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2555                             | -88.1898                             | 2018-08-10          | IL_EPA_WQX-RTP-N4225550W8818980  | Slocum                   | 14                   | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2018-08-20          | IL_EPA_WQX-RTP-100               | Slocum                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-06-03          | IL_EPA_WQX-RTP-100               | Slocum                   | 13.1                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-06-17          | IL_EPA_WQX-RTP-100               | Slocum                   | 6.97                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-07-01          | IL_EPA_WQX-RTP-100               | Slocum                   | 2.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-07-15          | IL_EPA_WQX-RTP-100               | Slocum                   | 1.84                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-07-29          | IL_EPA_WQX-RTP-100               | Slocum                   | 2.65                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-08-12          | IL_EPA_WQX-RTP-100               | Slocum                   | 2.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2019-08-26          | IL_EPA_WQX-RTP-100               | Slocum                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2020-06-29          | IL_EPA_WQX-RTP-100               | Slocum                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2020-07-13          | IL_EPA_WQX-RTP-100               | Slocum                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2020-07-27          | IL_EPA_WQX-RTP-100               | Slocum                   | 0.59                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2020-08-10          | IL_EPA_WQX-RTP-100               | Slocum                   | 0.59                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25803                            | -88.18437                            | 2021-08-02          | IL_EPA_WQX-RTP-N4225803W8818437  | Slocum                   | 3.82                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.25803                            | -88.18437                            | 2021-08-16          | IL_EPA_WQX-RTP-N4225803W8818437  | Slocum                   | 26.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.258                              | -88.18438                            | 2021-08-30          | IL_EPA_WQX-RTP-100               | Slocum                   | 0.39                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.9599                             | -88.013                              | 2019-09-12          | IL_EPA_WQX-WGZQ-N4195990W8801300 | Songbird                 |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.144                              | -89.7213                             | 2019-11-19          | IL_EPA_WQX-SOC-N3814400W8972130  | Sparta Northwest         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.10563                            | -89.69574                            | 2019-04-29          | IL_EPA_WQX-RIJ-1                 | Sparta Old               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.10563                            | -89.69574                            | 2019-06-10          | IL_EPA_WQX-RIJ-1                 | Sparta Old               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.10563                            | -89.69574                            | 2019-07-08          | IL_EPA_WQX-RIJ-1                 | Sparta Old               | 1.27                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.10563                            | -89.69574                            | 2019-08-15          | IL_EPA_WQX-RIJ-1                 | Sparta Old               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.10563                            | -89.69574                            | 2019-10-29          | IL_EPA_WQX-RIJ-1                 | Sparta Old               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.08879                            | -88.8175                             | 2018-06-13          | IL_EPA_WQX-WDA-1                 | Streator                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.08879                            | -88.8175                             | 2018-08-07          | IL_EPA_WQX-WDA-1                 | Streator                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.08879                            | -88.8175                             | 2018-10-09          | IL_EPA_WQX-WDA-1                 | Streator                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8322                             | -87.8401                             | 2017-07-27          | IL_EPA_WQX-WGZY-N4183220W8784010 | Swan                     | 4.69                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.8331                             | -87.8414                             | 2017-08-22          | IL_EPA_WQX-WGZY-N4183310W8784140 | Swan                     | 0.92                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.83336                            | -87.84147                            | 2018-07-17          | IL_EPA_WQX-WGZY-N4183336W8784147 | Swan                     | 3.41                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.2429                             | -88.0443                             | 2019-07-25          | IL_EPA_WQX-RGZF-N4224290W8804430 | Sylvan                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.24297                            | -88.04437                            | 2021-08-02          | IL_EPA_WQX-RGZF-N4224297W8804437 | Sylvan                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3744                             | -88.01365                            | 2018-09-11          | IL_EPA_WQX-RGW-N4237440W8801365  | Third                    | 286                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3745                             | -88.0141                             | 2018-09-19          | IL_EPA_WQX-RGW-N4237450W8801410  | Third                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.3745                             | -88.0141                             | 2020-09-22          | IL_EPA_WQX-RGW-N4237450W8801410  | Third                    | 900                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37373                            | -88.01876                            | 2020-09-28          | IL_EPA_WQX-RGW-N4237373W8801876  | Third                    | 5.16                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37456                            | -88.01419                            | 2020-10-05          | IL_EPA_WQX-RGW-N4237456W8801419  | Third                    | 31.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37456                            | -88.01419                            | 2020-10-14          | IL_EPA_WQX-RGW-N4237456W8801419  | Third                    | 154                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37456                            | -88.01419                            | 2020-10-20          | IL_EPA_WQX-RGW-N4237456W8801419  | Third                    | 2.72                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37366                            | -88.01873                            | 2021-05-20          | IL_EPA_WQX-RGW-N4237366W8801873  | Third                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37428                            | -88.01783                            | 2021-06-09          | IL_EPA_WQX-RGW-N4237428W8801783  | Third                    | 2220                 | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.37373                            | -88.01876                            | 2021-06-16          | IL_EPA_WQX-RGW-N4237373W8801876  | Third                    | 0.44                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2205                             | -88.30427                            | 2017-06-01          | IL_EPA_WQX-WTG-99                | Three Oaks South         | 0.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2205                             | -88.30427                            | 2017-06-27          | IL_EPA_WQX-WTG-99                | Three Oaks South         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2205                             | -88.30427                            | 2017-07-18          | IL_EPA_WQX-WTG-99                | Three Oaks South         | 0.46                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2205                             | -88.30427                            | 2017-10-19          | IL_EPA_WQX-WTG-99                | Three Oaks South         | 1.01                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.2339                             | -88.1531                             | 2018-09-13          | IL_EPA_WQX-RTZF-N4223390W8815310 | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.233                              | -88.1544                             | 2019-07-16          | IL_EPA_WQX-RTZF-N4223300W8815440 | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.235                              | -88.1579                             | 2019-09-17          | IL_EPA_WQX-RTZF-N4223500W8815790 | Tower                    | 0.89                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-06-07          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-06-21          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-07-06          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-07-19          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-08-02          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-08-16          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.23303                            | -88.1543                             | 2021-08-30          | IL_EPA_WQX-RTZF-100              | Tower                    |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.641                              | -87.8061                             | 2020-08-10          | IL_EPA_WQX-RHS-N4164100W8780610  | Turtlehead               | 0.32                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.64141                            | -87.80704                            | 2021-10-06          | IL_EPA_WQX-RHS-N4164141W8780704  | Turtlehead               | 8.13                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3476                             | -87.983                              | 2017-07-19          | IL_EPA_WQX-RGZM-N4234760W8798300 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3492                             | -87.9836                             | 2018-07-19          | IL_EPA_WQX-RGZM-N4234920W8798360 | Valley                   | 36.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.347                              | -87.9833                             | 2019-07-24          | IL_EPA_WQX-RGZM-N4234700W8798330 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3503                             | -87.9821                             | 2020-07-10          | IL_EPA_WQX-RGZM-N4235030W8798210 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.347                              | -87.9834                             | 2020-07-27          | IL_EPA_WQX-RGZM-N4234700W8798340 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3503                             | -87.9821                             | 2020-08-03          | IL_EPA_WQX-RGZM-N4235030W8798210 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3503                             | -87.9821                             | 2020-08-12          | IL_EPA_WQX-RGZM-N4235030W8798210 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3503                             | -87.9821                             | 2020-08-17          | IL_EPA_WQX-RGZM-N4235030W8798210 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.3503                             | -87.9821                             | 2020-08-31          | IL_EPA_WQX-RGZM-N4235030W8798210 | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-06-14          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-06-28          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-07-12          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-07-26          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-08-04          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-08-09          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-08-23          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 42.34704                            | -87.98351                            | 2021-08-31          | IL_EPA_WQX-RGZM-100              | Valley                   |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.0118                             | -89.12                               | 2020-08-12          | IL_EPA_WQX-ROD-1                 | Vandalia                 | 0.37                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.01036                            | -89.15214                            | 2020-08-12          | IL_EPA_WQX-ROD-100               | Vandalia                 | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.0118                             | -89.12                               | 2020-08-27          | IL_EPA_WQX-ROD-1                 | Vandalia                 | 0.7                  | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.01036                            | -89.15214                            | 2020-08-27          | IL_EPA_WQX-ROD-100               | Vandalia                 | 1.03                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.0118                             | -89.12                               | 2020-10-20          | IL_EPA_WQX-ROD-1                 | Vandalia                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 39.0118                             | -89.12                               | 2020-11-04          | IL_EPA_WQX-ROD-1                 | Vandalia                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.31332                            | -89.06645                            | 2018-07-02          | IL_EPA_WQX-DS-01                 | Vermilion River          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 41.20851                            | -88.93027                            | 2018-07-02          | IL_EPA_WQX-DS-07                 | Vermilion River          |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois EPA             | Sample-Routine     | Water               | 40.30417                            | -90.46028                            | 2021-06-30          | IL_EPA_WQX-RDM-1                 | Vermont City             |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|---------------------------------|----------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.30417                            | -90.46028                            | 2021-07-26          | IL_EPA_WQX-RDM-1                | Vermont City               |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 40.30417                            | -90.46028                            | 2021-08-26          | IL_EPA_WQX-RDM-1                | Vermont City               | 3.39                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.76379                            | -88.1025                             | 2019-05-14          | IL_EPA_WQX-RCA-1                | Vernor                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.7651                             | -88.1031                             | 2019-07-09          | IL_EPA_WQX-RCA-N3876510W8810310 | Vernor                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.765                              | -88.1022                             | 2019-09-26          | IL_EPA_WQX-RCA-N3876500W8810220 | Vernor                     | 0.38                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-05-08          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-06-12          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-07-11          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-08-14          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-08-22          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-08-26          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-08-29          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-09-04          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-09-11          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-09-18          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-09-26          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-03          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-09          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-16          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-22          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-23          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2019-10-30          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41849                            | -88.89012                            | 2020-05-12          | IL_EPA_WQX-RAW-1                | Vienna City                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41226                            | -88.76142                            | 2020-08-13          | IL_EPA_WQX-RAT-1                | Vienna Correctional Center |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41226                            | -88.76142                            | 2020-09-01          | IL_EPA_WQX-RAT-1                | Vienna Correctional Center |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41226                            | -88.76142                            | 2020-10-21          | IL_EPA_WQX-RAT-1                | Vienna Correctional Center | 0.92                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.4125                             | -88.7689                             | 2020-10-21          | IL_EPA_WQX-RAT-N3741250W8876890 | Vienna Correctional Center | 5.54                 | ug/L                              |                            |                                 | Microcystin         |

| Organization Identifier | Organization Formal Name | Activity Type Code | Activity Media Name | Activity Location/ Latitude Measure | Activity Location/ Longitude Measure | Activity Start Date | Monitoring Location Identifier   | Monitoring Location Name   | Result Measure Value | Result Measure/ Measure Unit Code | Activity Comment Text      | Result Detection Condition Text | Characteristic Name |
|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|----------------------------|----------------------|-----------------------------------|----------------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41226                            | -88.76142                            | 2020-11-05          | IL_EPA_WQX-RAT-1                 | Vienna Correctional Center | 0.36                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.41206                            | -88.75999                            | 2021-06-30          | IL_EPA_WQX-RAT-N3741206W8875999  | Vienna Correctional Center |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.11008                            | -87.65501                            | 2017-05-30          | IL_EPA_WQX-B-06                  | Wabash River               | 0.79                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.11008                            | -87.65501                            | 2017-06-27          | IL_EPA_WQX-B-06                  | Wabash River               | 0.35                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.11008                            | -87.65501                            | 2017-09-19          | IL_EPA_WQX-B-06                  | Wabash River               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.11008                            | -87.65501                            | 2017-10-24          | IL_EPA_WQX-B-06                  | Wabash River               |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 39.11008                            | -87.65501                            | 2018-07-17          | IL_EPA_WQX-B-06                  | Wabash River               | 0.3                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42265                            | -89.84784                            | 2017-05-17          | IL_EPA_WQX-PWQ-02                | Waddams Creek              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41703                            | -89.82824                            | 2017-05-17          | IL_EPA_WQX-PWQ-03                | Waddams Creek              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42265                            | -89.84784                            | 2017-07-10          | IL_EPA_WQX-PWQ-02                | Waddams Creek              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41703                            | -89.82824                            | 2017-07-10          | IL_EPA_WQX-PWQ-03                | Waddams Creek              | 2.77                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.42265                            | -89.84784                            | 2017-09-21          | IL_EPA_WQX-PWQ-02                | Waddams Creek              |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.41703                            | -89.82824                            | 2017-09-21          | IL_EPA_WQX-PWQ-03                | Waddams Creek              | 0.88                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.9608                             | -88.5195                             | 2017-07-13          | IL_EPA_WQX-RCS-N3896080W8851950  | Walter Scott               | 16.8                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.57379                            | -87.59318                            | 2021-09-29          | IL_EPA_WQX-RHL-N4157379W8759318  | Wampum                     | 323                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.26953                            | -89.36021                            | 2018-06-04          | IL_EPA_WQX-RNM-1                 | Washington County          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.26953                            | -89.36021                            | 2018-07-17          | IL_EPA_WQX-RNM-1                 | Washington County          |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.26953                            | -89.36021                            | 2018-10-10          | IL_EPA_WQX-RNM-1                 | Washington County          | 0.32                 | ug/L                              | Public-water-supply intake |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7878                             | -87.6127                             | 2019-06-17          | IL_EPA_WQX-QZF-N4178780W8761270  | Washington Park Lagoon     | 4.6                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7876                             | -87.6116                             | 2019-07-31          | IL_EPA_WQX-QZF-N4178760W8761160  | Washington Park Lagoon     | 34.5                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 41.7874                             | -87.6108                             | 2019-10-08          | IL_EPA_WQX-QZF-N4178740W8761080  | Washington Park Lagoon     | 208                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4262                             | -88.0255                             | 2017-09-12          | IL_EPA_WQX-WGS-N4242620W8802550  | Waterford                  | 22.6                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.35931                            | -88.58939                            | 2021-06-28          | IL_EPA_WQX-RCT-1                 | Wayne City                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.35931                            | -88.58939                            | 2021-07-22          | IL_EPA_WQX-RCT-1                 | Wayne City                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.35931                            | -88.58939                            | 2021-08-25          | IL_EPA_WQX-RCT-1                 | Wayne City                 |                      | ug/L                              | Public-water-supply intake | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.90659                            | -88.79662                            | 2019-06-13          | IL_EPA_WQX-RNQ-100               | West Frankfort New         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.90659                            | -88.79662                            | 2019-07-18          | IL_EPA_WQX-RNQ-100               | West Frankfort New         | 3.14                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.90659                            | -88.79662                            | 2019-08-05          | IL_EPA_WQX-RNQ-100               | West Frankfort New         | 2.57                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.9026                             | -88.7917                             | 2019-11-13          | IL_EPA_WQX-RNQ-N3790260W8879170  | West Frankfort New         |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.8936                             | -88.8127                             | 2019-07-24          | IL_EPA_WQX-RNP-N3789360W8881270  | West Frankfort Old         | 4.66                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 37.8936                             | -88.8127                             | 2019-08-05          | IL_EPA_WQX-RNP-N3789360W8881270  | West Frankfort Old         | 3.47                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 38.52945                            | -88.01723                            | 2017-07-14          | IL_EPA_WQX-RBQ-1                 | West Salem New             | 2.71                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.4567                             | -88.0415                             | 2017-06-20          | IL_EPA_WQX-UGX-N4245670W8804150  | White                      | 42.4                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.37121                            | -88.36256                            | 2021-07-21          | IL_EPA_WQX-RTZC-N4237121W8836256 | Wonder                     |                      | ug/L                              |                            | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.18304                            | -88.32192                            | 2019-06-06          | IL_EPA_WQX-RTZZ-100              | Woods Creek                | 0.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1836                             | -88.31883                            | 2019-06-06          | IL_EPA_WQX-RTZZ-101              | Woods Creek                | 0.34                 | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.1854                             | -88.3281                             | 2019-06-20          | IL_EPA_WQX-RTZZ-N4218540W8832810 | Woods Creek                | 0.3                  | ug/L                              |                            |                                 | Microcystin         |
| IL_EPA_WQX              | illinois epa             | Sample-Routine     | Water               | 42.18304                            | -88.32192                            | 2019-08-19          | IL_EPA_WQX-RTZZ-100              | Woods Creek                |                      | ug/L                              |                            | Not Detected                    | Microcystin         |

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|-------------------------|--------------------------|--------------------|---------------------|-------------------------------------|--------------------------------------|---------------------|----------------------------------|--------------------------|----------------------|-----------------------------------|-----------------------|---------------------------------|---------------------|
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1836                             | -88.31883                            | 2019-08-19          | IL_EPA_WQX-RTZZ-101              | Woods Creek              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.18304                            | -88.32192                            | 2019-09-30          | IL_EPA_WQX-RTZZ-100              | Woods Creek              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1836                             | -88.31883                            | 2019-09-30          | IL_EPA_WQX-RTZZ-101              | Woods Creek              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.1848                             | -88.3222                             | 2020-08-11          | IL_EPA_WQX-RTZZ-N4218480W8832220 | Woods Creek              |                      | ug/L                              |                       | Not Detected                    | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.36247                            | -88.14887                            | 2017-06-12          | IL_EPA_WQX-RTZH-100              | Wooster                  | 0.86                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.36247                            | -88.14887                            | 2017-06-27          | IL_EPA_WQX-RTZH-100              | Wooster                  | 4.11                 | ug/L                              |                       |                                 | Microcystin         |
| IL_EPA_WQX              | Illinois epa             | Sample-Routine     | Water               | 42.2017                             | -88.1108                             | 2020-08-13          | IL_EPA_WQX-RTS-N4220170W8811080  | Zurich                   | 3.47                 | ug/L                              |                       |                                 | Microcystin         |