

| Top 10 Polluted Waterways   | Total TRI Discharges (lbs.) | Cancer-causing Chemicals (lbs.) | Developmental Toxicants (lbs.) | Reproductive Toxicants (lbs.) |
|-----------------------------|-----------------------------|---------------------------------|--------------------------------|-------------------------------|
| IOWA RIVER                  | 805,200.0                   | 0.0                             | 0.0                            | 0.0                           |
| DES MOINES RIVER            | 620,710.1                   | 319.1                           | 437.1                          | 304.1                         |
| CEDAR RIVER                 | 585,525.0                   | 821.0                           | 786.0                          | 55.0                          |
| MISSISSIPPI RIVER           | 553,123.8                   | 5,645.6                         | 776.0                          | 767.8                         |
| RACCOON RIVER               | 391,305.0                   | 0.0                             | 0.0                            | 0.0                           |
| YELLOW RIVER                | 150,250.0                   | 0.0                             | 0.0                            | 0.0                           |
| MISSOURI RIVER              | 144,049.0                   | 115.0                           | 110.0                          | 110.0                         |
| BEAVER CREEK                | 52,819.0                    | 0.0                             | 0.0                            | 0.0                           |
| BRUCE CREEK                 | 40,371.0                    | 0.0                             | 0.0                            | 0.0                           |
| SILVER CREEK                | 34,000.0                    | 0.0                             | 0.0                            | 0.0                           |
| TOTAL in all Iowa waterways | 3445959.46                  | 8071.82                         | 3072.93                        | 1958.11                       |

**Top 10 Companies – All Toxic Releases**

| Facility Name                      | City              | Water Body Receiving Discharge | Toxic Releases (lbs.) |
|------------------------------------|-------------------|--------------------------------|-----------------------|
| TYSON FRESH MEATS INC              | COLUMBUS JUNCTION | IOWA RIVER /CEDAR RIVER        | 1,388,270.0           |
| CARGILL MEAT SOLUTIONS CORP        | OTTUMWA           | DES MOINES RIVER               | 536,450.0             |
| TYSON FRESH MEATS INC              | PERRY             | RACCOON RIVER                  | 391,300.0             |
| PINNACLE FOODS GROUP LLC FORT MAI  | FORT MADISON      | MISSISSIPPI RIVER              | 320,170.0             |
| ROQUETTE AMERICA INC               | KEOKUK            | MISSISSIPPI RIVER              | 159,719.0             |
| AGRIPROCESSORS INC                 | POSTVILLE         | YELLOW RIVER                   | 150,250.0             |
| TERRA NITROGEN                     | SERGEANT BLUFF    | MISSOURI RIVER                 | 135,920.0             |
| CARGILL CORN MILLING               | EDDYVILLE         | DES MOINES RIVER               | 66,260.0              |
| U.S. ARMY IOWA ARMY NATIONAL GUARD | JOHNSTON          | BEAVER CREEK                   | 52,819.0              |
| ASSOCIATED MILK PRODUCERS INC ARL  | ARLINGTON         | BRUCE CREEK                    | 40,371.0              |



**Top 10 Companies – Cancer-Causing Chemical Releases**

| Facility Name                     | City           | Water Body Receiving Discharge | Toxic Releases (lbs.) |
|-----------------------------------|----------------|--------------------------------|-----------------------|
| MONSANTO CO                       | MUSCATINE      | MISSISSIPPI RIVER              | 4,595.0               |
| CAMBREX CHARLES CITY INC.         | CHARLES CITY   | CEDAR RIVER                    | 731.0                 |
| LANSING POWER STATION             | LANSING        | MISSISSIPPI RIVER              | 562.0                 |
| PAUL MUELLER CO                   | OSCEOLA        | WHITE BREAST CREEK             | 500.0                 |
| PMX INDUSTRIES INC                | CEDAR RAPIDS   | WILLOW CREEK                   | 322.0                 |
| OTTUMWA GENERATING STATION        | OTTUMWA        | DES MOINES RIVER               | 267.0                 |
| EQUISTAR CHEMICALS CLINTON PLANT  | CLINTON        | MISSISSIPPI RIVER/ROCK CREEK   | 196.6                 |
| BP PRODUCTS NORTH AMERICA INC DUE | PEOSTA         | CATFISH CREEK                  | 155.0                 |
| M. L. KAPP GENERATING STATION     | CLINTON        | MISSISSIPPI RIVER              | 106.0                 |
| GRIFFIN PIPE PRODUCTS CO INC      | COUNCIL BLUFFS | MISSOURI RIVER                 | 105.0                 |

**Top 10 Companies – Developmental Toxicant Releases**

| Facility Name                     | City           | Water Body Receiving Discharge | Toxic Releases (lbs.) |
|-----------------------------------|----------------|--------------------------------|-----------------------|
| CAMBREX CHARLES CITY INC.         | CHARLES CITY   | CEDAR RIVER                    | 731.0                 |
| LANSING POWER STATION             | LANSING        | MISSISSIPPI RIVER              | 567.6                 |
| OTTUMWA GENERATING STATION        | OTTUMWA        | DES MOINES RIVER               | 400.0                 |
| BP PRODUCTS NORTH AMERICA INC DUE | PEOSTA         | CATFISH CREEK                  | 327.0                 |
| PAUL MUELLER CO                   | OSCEOLA        | WHITE BREAST CREEK             | 250.0                 |
| PMX INDUSTRIES INC                | CEDAR RAPIDS   | WILLOW CREEK                   | 215.0                 |
| M. L. KAPP GENERATING STATION     | CLINTON        | MISSISSIPPI RIVER              | 106.2                 |
| GRIFFIN PIPE PRODUCTS CO INC      | COUNCIL BLUFFS | MISSOURI RIVER                 | 105.0                 |
| PRAIRIE CREEK GENERATING STATION  | CEDAR RAPIDS   | PRAIRIE CREEK                  | 60.1                  |
| JOHN DEERE WATERLOO WORKS WEST    | WATERLOO       | CEDAR RIVER /BLACK HAWK CREEK  | 57.0                  |

**Top 10 Companies – Reproductive Toxicant Releases**

| Facility Name                     | City           | Water Body Receiving Discharge | Toxic Releases (lbs.) |
|-----------------------------------|----------------|--------------------------------|-----------------------|
| LANSING POWER STATION             | LANSING        | MISSISSIPPI RIVER              | 562.0                 |
| OTTUMWA GENERATING STATION        | OTTUMWA        | DES MOINES RIVER               | 267.0                 |
| PAUL MUELLER CO                   | OSCEOLA        | WHITE BREAST CREEK             | 250.0                 |
| PMX INDUSTRIES INC                | CEDAR RAPIDS   | WILLOW CREEK                   | 215.0                 |
| M. L. KAPP GENERATING STATION     | CLINTON        | MISSISSIPPI RIVER              | 106.0                 |
| GRIFFIN PIPE PRODUCTS CO INC      | COUNCIL BLUFFS | MISSOURI RIVER                 | 105.0                 |
| BP PRODUCTS NORTH AMERICA INC DUE | PEOSTA         | CATFISH CREEK                  | 85.0                  |
| PRAIRIE CREEK GENERATING STATION  | CEDAR RAPIDS   | PRAIRIE CREEK                  | 59.5                  |
| JOHN DEERE WATERLOO WORKS WEST    | WATERLOO       | CEDAR RIVER /BLACK HAWK CREEK  | 57.0                  |
| EXIDE TECHNOLOGIES                | MANCHESTER     | MAQUOKETA RIVER                | 43.8                  |

