

# Total on-site emissions by facility in 2021 (pounds)

Three fertilizer plants along a short stretch of the Mississippi River between Donaldsonville and Convent collectively released millions of pounds of chemicals on site to air, water and other places, according to the U.S. Environmental Protection Agency's Toxics Release Inventory. Ammonia was the most abundant pollutant, followed by nitrate compounds, nitric acid, methanol, sulfuric acid and lead compounds.

|                                 | CF Industries<br>Donaldsonville<br>Complex | Mosaic Faustina<br>Ammonia Plant | Mosaic Uncle Sam<br>Plant |
|---------------------------------|--------------------------------------------|----------------------------------|---------------------------|
| Ammonia                         | 7,587,526                                  | 452,000                          |                           |
| Nitrate compounds               | 1,799,521                                  |                                  |                           |
| Nitric acid                     | 398,949                                    |                                  |                           |
| Methanol                        | 179,824                                    | 130,000                          |                           |
| Formaldehyde*                   | 8,709                                      |                                  |                           |
| Zinc compounds                  | 1,563                                      |                                  |                           |
| Nickel and Nickel Compounds*    | 380                                        |                                  |                           |
| Copper and Copper Compounds     | 298                                        |                                  |                           |
| Chromium and Chromium Compounds | 185                                        |                                  | 26,701                    |
| Chlorine                        | 47                                         |                                  |                           |
| Nickel compounds                |                                            |                                  |                           |
| Sulfuric acid                   |                                            |                                  | 191,300                   |
| Lead compounds                  |                                            | 81                               | 48,311                    |
| Hydrogen sulfide                |                                            |                                  | 15,500                    |
| Mercury compounds               |                                            |                                  | 535                       |
| Hydrogen fluoride               |                                            |                                  | 13,150                    |

\*NOTE: Formaldehyde and nickel compounds were listed as carcinogens in the Toxics Release Inventory.

Blank spaces indicate that a chemical was not reported by a given facility in 2021.

Chart: Sofi Zeman/Missourian • Source: U.S. EPA Toxics Release Inventory • Created with Datawrapper