



# 2023 CONTAMINANT SUMMARY REPORT

May 21, 2024

1:24 pm

CN : CN601246663

Organization : NUCOR CORPORATION

RN : RN100211093

Account : LG0006S

Site : NUCOR STEEL

Last EI Date : 12/31/2023

## CRITERIA EMISSIONS TOTALS

| Pollutant Class | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|-----------------|--------------|-------------|------------|-------------------|---------------|
| PM2.5           | 176.9999     | 969.8622    | 0.0000     | 0.0000            | 0.0000        |
| VOC             | 64.8423      | 355.3000    | 0.0000     | 0.0000            | 0.0000        |
| CO              | 728.6920     | 3992.8333   | 0.0000     | 0.0000            | 0.0000        |
| NOX             | 212.4035     | 1163.8552   | 0.0000     | 0.0000            | 0.0000        |
| SO2             | 465.5144     | 2550.7644   | 0.0000     | 0.0000            | 0.0000        |
| PB              | 0.1233       | 0.6756      | 0.0000     | 0.0000            | 0.0000        |
| PM10            | 254.0323     | 1391.9560   | 0.0000     | 0.0000            | 0.0000        |

## CONTAMINANT SUMMARY REPORT

| Contam | Contam Name             | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|-------------------------|--------------|-------------|------------|-------------------|---------------|
| 10000  | PART-U                  | 298.0896     | 1633.3644   | 0.0000     | 0.0000            | 0.0000        |
| 11230  | FLUORIDES EXCEPT HF     | 1.0286       | 5.6365      | 0.0000     | 0.0000            | 0.0000        |
| 14020  | ANTIMONY-SB             | 0.0027       | 0.0149      | 0.0000     | 0.0000            | 0.0000        |
| 14030  | ARSENIC - AS            | 0.0393       | 0.2154      | 0.0000     | 0.0000            | 0.0000        |
| 14070  | BERYLLIUM-BE            | 0.0004       | 0.0021      | 0.0000     | 0.0000            | 0.0000        |
| 14110  | CADMIUM-CD              | 0.0839       | 0.4591      | 0.0000     | 0.0000            | 0.0000        |
| 14160  | CHROMIUM-CR             | 0.5965       | 3.2686      | 0.0000     | 0.0000            | 0.0000        |
| 14190  | COPPER-CU               | 0.0268       | 0.1467      | 0.0000     | 0.0000            | 0.0000        |
| 14310  | LEAD-PB                 | 0.1233       | 0.6756      | 0.0000     | 0.0000            | 0.0000        |
| 14350  | MANGANESE-MN            | 0.7310       | 4.0066      | 0.0000     | 0.0000            | 0.0000        |
| 14360  | MERCURY-HG              | 0.2623       | 1.4371      | 0.0000     | 0.0000            | 0.0000        |
| 14390  | NICKEL-NI               | 0.0807       | 0.4420      | 0.0000     | 0.0000            | 0.0000        |
| 14590  | SELENIUM-SE             | 0.0078       | 0.0430      | 0.0000     | 0.0000            | 0.0000        |
| 14610  | SILVER-AG               | 0.0007       | 0.0039      | 0.0000     | 0.0000            | 0.0000        |
| 14700  | THALLIUM-TL             | 0.0008       | 0.0043      | 0.0000     | 0.0000            | 0.0000        |
| 14760  | VANADIUM                | 0.0249       | 0.1360      | 0.0000     | 0.0000            | 0.0000        |
| 14780  | ZINC-ZN                 | 1.1565       | 6.3369      | 0.0000     | 0.0000            | 0.0000        |
| 20000  | PM10 PART-U             | 254.0323     | 1391.9560   | 0.0000     | 0.0000            | 0.0000        |
| 39999  | TOTAL PM2.5 PARTICULATE | 176.9999     | 969.8622    | 0.0000     | 0.0000            | 0.0000        |
| 50001  | VOC-UNCLASSIFIED        | 52.5193      | 287.7764    | 0.0000     | 0.0000            | 0.0000        |
| 52420  | BENZENE                 | 3.6400       | 19.9448     | 0.0000     | 0.0000            | 0.0000        |
| 53280  | METHYL CHLORIDE         | 0.1380       | 0.7564      | 0.0000     | 0.0000            | 0.0000        |
| 54020  | ACETONE                 | 4.5402       | 24.8783     | 0.0000     | 0.0000            | 0.0000        |
| 55150  | 1,3- BUTADIENE          | 0.3071       | 1.6830      | 0.0000     | 0.0000            | 0.0000        |
| 59007  | LUBRICATING OIL         | 8.2379       | 45.1394     | 0.0000     | 0.0000            | 0.0000        |
| 70400  | NITROGEN OXIDES         | 212.4035     | 1163.8552   | 0.0000     | 0.0000            | 0.0000        |
| 70510  | SULFUR DIOXIDE          | 465.5144     | 2550.7644   | 0.0000     | 0.0000            | 0.0000        |
| 90300  | CARBON MONOXIDE         | 728.6920     | 3992.8333   | 0.0000     | 0.0000            | 0.0000        |



# 2023 CONTAMINANT SUMMARY REPORT

May 21, 2024

1:24 pm

**CN :** CN601246663

**Organization :** NUCOR CORPORATION

**RN :** RN100211093

**Account :** LG0006S

**Site :** NUCOR STEEL

**Last EI Date :** 12/31/2023

## HAPS SUMMARY REPORT

| Contam | Contam Name     | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|-----------------|--------------|-------------|------------|-------------------|---------------|
| 14020  | ANTIMONY-SB     | 0.0027       | 0.0149      | 0.0000     | 0.0000            | 0.0000        |
| 14030  | ARSENIC - AS    | 0.0393       | 0.2154      | 0.0000     | 0.0000            | 0.0000        |
| 14070  | BERYLLIUM-BE    | 0.0004       | 0.0021      | 0.0000     | 0.0000            | 0.0000        |
| 14110  | CADMIUM-CD      | 0.0839       | 0.4591      | 0.0000     | 0.0000            | 0.0000        |
| 14160  | CHROMIUM-CR     | 0.5965       | 3.2686      | 0.0000     | 0.0000            | 0.0000        |
| 14310  | LEAD-PB         | 0.1233       | 0.6756      | 0.0000     | 0.0000            | 0.0000        |
| 14350  | MANGANESE-MN    | 0.7310       | 4.0066      | 0.0000     | 0.0000            | 0.0000        |
| 14360  | MERCURY-HG      | 0.2623       | 1.4371      | 0.0000     | 0.0000            | 0.0000        |
| 14390  | NICKEL-NI       | 0.0807       | 0.4420      | 0.0000     | 0.0000            | 0.0000        |
| 14590  | SELENIUM-SE     | 0.0078       | 0.0430      | 0.0000     | 0.0000            | 0.0000        |
| 52420  | BENZENE         | 3.6400       | 19.9448     | 0.0000     | 0.0000            | 0.0000        |
| 53280  | METHYL CHLORIDE | 0.1380       | 0.7564      | 0.0000     | 0.0000            | 0.0000        |
| 55150  | 1,3- BUTADIENE  | 0.3071       | 1.6830      | 0.0000     | 0.0000            | 0.0000        |
| Total  |                 | 6.0130       | 32.9486     | 0.0000     | 0.0000            | 0.0000        |