



# 2023 CONTAMINANT SUMMARY REPORT

August 29, 2024

3:33 pm

**CN :** CN600129670

**Organization :** DIXIE CHEMICAL COMPANY INC

**RN :** RN100218486

**Account :** HG0199M

**Site :** BAYPORT FACILITY

**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           | 7.4744       | 39.4170     | 0.0000     | 0.0000            | 0.0000        |
| VOC             | 51.8081      | 298.8186    | 0.0000     | 0.3707            | 0.3707        |
| CO              | 41.3369      | 213.7995    | 0.0000     | 0.0000            | 0.0000        |
| NOX             | 19.7902      | 98.6634     | 0.0000     | 0.0000            | 0.0000        |
| SO2             | 2.9636       | 14.7976     | 0.0000     | 0.0000            | 0.0000        |
| PM10            | 13.3752      | 71.7498     | 0.0000     | 0.0000            | 0.0000        |

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| Contam | Contam Name             | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|-------------------------|--------------|-------------|------------|-------------------|---------------|
| 10000  | PART-U                  | 15.0754      | 81.0660     | 0.0000     | 0.0000            | 0.0000        |
| 11160  | HYDROCHLORIC ACID       | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 11210  | FORMALIN                | 0.1095       | 0.6000      | 0.0000     | 0.0029            | 0.0029        |
| 20000  | PM10 PART-U             | 13.3752      | 71.7498     | 0.0000     | 0.0000            | 0.0000        |
| 39999  | TOTAL PM2.5 PARTICULATE | 7.4744       | 39.4170     | 0.0000     | 0.0000            | 0.0000        |
| 50001  | VOC-UNCLASSIFIED        | 12.5642      | 69.4827     | 0.0000     | 0.0080            | 0.0080        |
| 51050  | ANHYDRIDE-U             | 1.3194       | 7.2296      | 0.0000     | 0.0000            | 0.0000        |
| 51120  | ACETIC ACID             | 0.0031       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51220  | PROPIONIC ACID          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51370  | DIBASIC ACIDS           | 0.0001       | 0.0007      | 0.0000     | 0.0000            | 0.0000        |
| 51405  | BENZYL ALCOHOL          | 0.0000       | 0.0004      | 0.0000     | 0.0000            | 0.0000        |
| 51440  | N-BUTYL ALCOHOL         | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51459  | DIMETHYLAMINOETHANOL    | 0.0688       | 0.3771      | 0.0000     | 0.0000            | 0.0000        |
| 51460  | ETHANOL                 | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51471  | ETHYLENE GLYCOL         | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51510  | ISOPROPANOL             | 2.0771       | 11.5990     | 0.0000     | 0.0000            | 0.0000        |
| 51530  | METHANOL                | 7.6706       | 54.4244     | 0.0000     | 0.0021            | 0.0021        |
| 51590  | TERT BUTYL ALCOHOL      | 0.4746       | 0.9125      | 0.0000     | 0.0014            | 0.0014        |
| 51660  | BUTYRALDEHYDE           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51680  | FORMALDEHYDE            | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52260  | DIMETHYLAMINE           | 0.0000       | 0.0000      | 0.0000     | 0.0435            | 0.0435        |
| 52320  | N- PROPYLAMINE          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52340  | TRIMETHYLAMINE          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52400  | AROMATICS-U             | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52414  | BENZYL CHLORIDE         | 0.0000       | 0.0002      | 0.0000     | 0.0000            | 0.0000        |
| 52420  | BENZENE                 | 0.0008       | 0.0043      | 0.0000     | 0.0000            | 0.0000        |
| 52433  | DIETHYL BENZENE         | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52480  | STYRENE                 | 0.0002       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52490  | TOLUENE                 | 11.1597      | 60.9318     | 0.0000     | 0.0058            | 0.0058        |



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|----------------------------|-----------------------------------|--------------|-------------|------------|-------------------|---------------|
| Contam                     | Contam Name                       | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
| 52510                      | XYLENE-U                          | 0.1366       | 0.6767      | 0.0000     | 0.0263            | 0.0263        |
| 52600                      | ESTERS-U                          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52680                      | ETHYL ACETATE                     | 1.3619       | 8.2915      | 0.0000     | 0.0012            | 0.0012        |
| 52700                      | ETHYL ACRYLATE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52702                      | ETHYLHEXYL ACRYLATE 2             | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52740                      | ISOPROPYL ACETATE                 | 0.0166       | 0.0909      | 0.0000     | 0.0000            | 0.0000        |
| 52910                      | EPICHLOROHYDRIN                   | 0.4484       | 2.4603      | 0.0000     | 0.0000            | 0.0000        |
| 53200                      | CHLORINATED HYDROCARBONS-U        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53250                      | METHYLENE CHLORIDE                | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53450                      | FREONS-U                          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53600                      | ORGANO PEROXIDES-U                | 0.0870       | 0.4769      | 0.0000     | 0.0000            | 0.0000        |
| 54020                      | ACETONE                           | 0.5148       | 2.8200      | 0.0000     | 0.0008            | 0.0008        |
| 54070                      | METHYL ISOBUTYL KETONE            | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 55150                      | 1,3- BUTADIENE                    | 4.8504       | 25.4594     | 0.0000     | 0.1986            | 0.1986        |
| 55220                      | CYCLOPENTADIENE                   | 0.0501       | 0.2744      | 0.0000     | 0.0000            | 0.0000        |
| 55225                      | DICYCLOPENTADIENE                 | 0.0001       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 55450                      | ISOPRENE                          | 2.6331       | 16.7301     | 0.0000     | 0.0117            | 0.0117        |
| 56050                      | CYCLOHEXANE                       | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56575                      | HEPTANE                           | 3.3455       | 18.6982     | 0.0000     | 0.0333            | 0.0333        |
| 56673                      | OCTENE                            | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56775                      | PROPANE                           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58200                      | VOC WITH NITROGEN-U               | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58210                      | ACETONITRILE                      | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58213                      | ACRYLONITRILE                     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58292                      | PROPYLENEIMINE                    | 0.4074       | 2.2321      | 0.0000     | 0.0000            | 0.0000        |
| 58460                      | MALEIC ANHYDRIDE                  | 0.5603       | 3.0711      | 0.0000     | 0.0043            | 0.0043        |
| 58500                      | TETRAHYDROFURAN                   | 2.5721       | 15.3943     | 0.0000     | 0.0334            | 0.0334        |
| 58700                      | MERCAPTANS-U                      | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58742                      | TERT-BUTYLPEROXY-2-ETHYLHEXANOATE | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 59000                      | VOC GAS MIXTURE-U                 | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 59150                      | DIESEL                            | 0.0000       | 0.0000      | 0.0000     | 0.0011            | 0.0011        |
| 70030                      | HYDROGEN                          | 0.3469       | 1.7414      | 0.0000     | 0.0000            | 0.0000        |
| 70050                      | AMMONIA                           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70061                      | HYDROGEN PEROXIDE                 | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70200                      | HYDROGEN CHLORIDE                 | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70400                      | NITROGEN OXIDES                   | 19.7902      | 98.6634     | 0.0000     | 0.0000            | 0.0000        |
| 70490                      | SODIUM HYPOCHLORITE               | 0.0000       | 0.0000      | 0.0000     | 0.0058            | 0.0058        |
| 70510                      | SULFUR DIOXIDE                    | 2.9636       | 14.7976     | 0.0000     | 0.0000            | 0.0000        |



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|--------|-----------------|--------------|-------------|------------|-------------------|---------------|
| 90300  | CARBON MONOXIDE | 41.3369      | 213.7995    | 0.0000     | 0.0000            | 0.0000        |

## HAPS SUMMARY REPORT

| Contam | Contam Name            | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|------------------------|--------------|-------------|------------|-------------------|---------------|
| 11160  | HYDROCHLORIC ACID      | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 11210  | FORMALIN               | 0.1095       | 0.6000      | 0.0000     | 0.0029            | 0.0029        |
| 51471  | ETHYLENE GLYCOL        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51530  | METHANOL               | 7.6706       | 54.4244     | 0.0000     | 0.0021            | 0.0021        |
| 51680  | FORMALDEHYDE           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52414  | BENZYL CHLORIDE        | 0.0000       | 0.0002      | 0.0000     | 0.0000            | 0.0000        |
| 52420  | BENZENE                | 0.0008       | 0.0043      | 0.0000     | 0.0000            | 0.0000        |
| 52480  | STYRENE                | 0.0002       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52490  | TOLUENE                | 11.1597      | 60.9318     | 0.0000     | 0.0058            | 0.0058        |
| 52510  | XYLENE-U               | 0.1366       | 0.6767      | 0.0000     | 0.0263            | 0.0263        |
| 52700  | ETHYL ACRYLATE         | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52910  | EPICHLOROHYDRIN        | 0.4484       | 2.4603      | 0.0000     | 0.0000            | 0.0000        |
| 53250  | METHYLENE CHLORIDE     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 54070  | METHYL ISOBUTYL KETONE | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 55150  | 1,3- BUTADIENE         | 4.8504       | 25.4594     | 0.0000     | 0.1986            | 0.1986        |
| 58210  | ACETONITRILE           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58213  | ACRYLONITRILE          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58292  | PROPYLENEIMINE         | 0.4074       | 2.2321      | 0.0000     | 0.0000            | 0.0000        |
| 58460  | MALEIC ANHYDRIDE       | 0.5603       | 3.0711      | 0.0000     | 0.0043            | 0.0043        |
| 70200  | HYDROGEN CHLORIDE      | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| Total  |                        | 25.3439      | 149.8603    | 0.0000     | 0.2400            | 0.2400        |