



2023 CONTAMINANT SUMMARY REPORT

August 13, 2024

4:40 pm

CN : CN605127042

Organization : ARLANXEO USA LLC

RN : RN100825363

Account : OC0004P

Site : ORANGE PLANT

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 | 22.7726 | 124.2668 | 0.0000 | 0.0000 | 0.0000 |
| VOC | 199.5621 | 1086.1161 | 0.0000 | 0.2429 | 0.2429 |
| CO | 132.6883 | 775.6661 | 0.0000 | 0.0010 | 0.0010 |
| NOX | 130.1511 | 786.7555 | 0.0000 | 0.0083 | 0.0083 |
| SO2 | 1.6798 | 9.1707 | 0.0000 | 0.0000 | 0.0000 |
| PB | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| PM10 | 34.7328 | 191.8006 | 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 | 38.4431 | 213.5176 | 0.0000 | 0.0000 | 0.0000 |
| 14142 | CARBON BLACK | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 20000 | PM10 PART-U | 34.7328 | 191.8006 | 0.0000 | 0.0000 | 0.0000 |
| 24142 | PM10 CARBON BLACK | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 39999 | TOTAL PM2.5 PARTICULATE | 22.7726 | 124.2668 | 0.0000 | 0.0000 | 0.0000 |
| 50001 | VOC-UNCLASSIFIED | 12.6017 | 66.2570 | 0.0000 | 0.0563 | 0.0563 |
| 51125 | CITRIC ACID | 0.0030 | 0.0392 | 0.0000 | 0.0000 | 0.0000 |
| 51530 | METHANOL | 0.0420 | 0.2286 | 0.0000 | 0.0000 | 0.0000 |
| 51680 | FORMALDEHYDE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 52420 | BENZENE | 0.3574 | 1.9470 | 0.0000 | 0.0000 | 0.0000 |
| 52430 | CHLOROBENZENE | 3.6552 | 20.0897 | 0.0000 | 0.0761 | 0.0761 |
| 52480 | STYRENE | 0.0363 | 0.1909 | 0.0000 | 0.0000 | 0.0000 |
| 52490 | TOLUENE | 0.2730 | 1.4868 | 0.0000 | 0.0000 | 0.0000 |
| 55150 | 1,3- BUTADIENE | 19.1300 | 104.5825 | 0.0000 | 0.0101 | 0.0101 |
| 55175 | BUTENE | 4.5121 | 25.3203 | 0.0000 | 0.0068 | 0.0068 |
| 55176 | 1-BUTENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 55228 | CYCLOOCTADIENE | 0.5587 | 3.0432 | 0.0000 | 0.0000 | 0.0000 |
| 55300 | ETHYLENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 55315 | ETHYLIDENE NORBORNENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 55530 | VINYL CYCLOHEXENE | 0.0079 | 0.0434 | 0.0000 | 0.0000 | 0.0000 |
| 55600 | PROPYLENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 56050 | CYCLOHEXANE | 89.3322 | 485.5724 | 0.0000 | 0.0424 | 0.0424 |
| 56150 | METHYLCYCLOHEXANE | 0.3924 | 2.1370 | 0.0000 | 0.0000 | 0.0000 |
| 56590 | HEXENE | 0.0212 | 0.1152 | 0.0000 | 0.0000 | 0.0000 |
| 56600 | HEXANE | 47.4194 | 259.4878 | 0.0000 | 0.0003 | 0.0003 |
| 56601 | METHYL PENTANE 3 | 21.0491 | 114.6465 | 0.0000 | 0.0000 | 0.0000 |
| 56725 | N BUTANE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 56750 | PENTANE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |



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|--------|-------------------|--------------|-------------|------------|-------------------|---------------|
| 56775 | PROPANE | 0.1705 | 0.9286 | 0.0000 | 0.0509 | 0.0509 |
| 59000 | VOC GAS MIXTURE-U | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 59005 | KEROSENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 70050 | AMMONIA | 14.6339 | 78.4967 | 0.0000 | 0.0331 | 0.0331 |
| 70200 | HYDROGEN CHLORIDE | 0.9309 | 5.0705 | 0.0000 | 0.0000 | 0.0000 |
| 70400 | NITROGEN OXIDES | 130.1511 | 786.7555 | 0.0000 | 0.0083 | 0.0083 |
| 70500 | SULFUR OXIDE-U | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 70510 | SULFUR DIOXIDE | 1.6798 | 9.1707 | 0.0000 | 0.0000 | 0.0000 |
| 90300 | CARBON MONOXIDE | 132.6883 | 775.6661 | 0.0000 | 0.0010 | 0.0010 |

HAPS SUMMARY REPORT

| Contam | Contam Name | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|-------------------|--------------|-------------|------------|-------------------|---------------|
| 51530 | METHANOL | 0.0420 | 0.2286 | 0.0000 | 0.0000 | 0.0000 |
| 51680 | FORMALDEHYDE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 52420 | BENZENE | 0.3574 | 1.9470 | 0.0000 | 0.0000 | 0.0000 |
| 52430 | CHLOROBENZENE | 3.6552 | 20.0897 | 0.0000 | 0.0761 | 0.0761 |
| 52480 | STYRENE | 0.0363 | 0.1909 | 0.0000 | 0.0000 | 0.0000 |
| 52490 | TOLUENE | 0.2730 | 1.4868 | 0.0000 | 0.0000 | 0.0000 |
| 55150 | 1,3- BUTADIENE | 19.1300 | 104.5825 | 0.0000 | 0.0101 | 0.0101 |
| 56600 | HEXANE | 47.4194 | 259.4878 | 0.0000 | 0.0003 | 0.0003 |
| 70200 | HYDROGEN CHLORIDE | 0.9309 | 5.0705 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 71.8442 | 393.0838 | 0.0000 | 0.0865 | 0.0865 |