# 2022 CONTAMINANT SUMMARY REPORT

September 18, 2023

11:06 am

**CN :** CN603256413 **Organization :** LUMINANT GENERATION COMPANY LLC

**RN :** RN102583093 **Account :** RL0020K **Site :** MARTIN LAKE ELECTRICAL STATION

**Last EI Date :** 12/31/2022

## CRITERIA EMISSIONS TOTALS

| Pollutant Class | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|---|---|---|---|---|---|
| PM2.5 | 1045.7153 | 4536.3209 | 0.0000 | 37.0911 | 37.0911 |
| VOC | 262.4884 | 1227.5345 | 0.0000 | 0.0000 | 0.0000 |
| CO | 43096.9560 | 224641.8196 | 0.0000 | 0.0000 | 0.0000 |
| NOX | 8999.7166 | 45779.6236 | 0.0000 | 0.0000 | 0.0000 |
| SO2 | 17689.8345 | 73611.3606 | 0.0000 | 2.7822 | 2.7822 |
| PB | 0.0654 | 0.3024 | 0.0000 | 0.0000 | 0.0000 |
| PM10 | 1790.0025 | 7723.5853 | 0.0000 | 62.1143 | 62.1143 |

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| Contam | Contam Name | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|---|---|---|---|---|---|---|
| 10000 | PART-U | 2093.8515 | 9070.6776 | 0.0000 | 73.1670 | 73.1670 |
| 11175 | SULFURIC ACID | 11.6751 | 54.4688 | 0.0000 | 0.0000 | 0.0000 |
| 14051 | BARIUM COMPOUNDS | 4.6997 | 21.7975 | 0.0000 | 0.0000 | 0.0000 |
| 14194 | COPPER COMPOUNDS | 0.2124 | 0.9845 | 0.0000 | 0.0000 | 0.0000 |
| 14319 | LEAD AND COMPOUNDS | 0.0654 | 0.3024 | 0.0000 | 0.0000 | 0.0000 |
| 14355 | MANGANESE AND COMPOUNDS | 0.3793 | 1.7588 | 0.0000 | 0.0000 | 0.0000 |
| 14361 | MERCURY AND COMPOUNDS | 0.1519 | 0.7387 | 0.0000 | 0.0000 | 0.0000 |
| 14595 | SELENIUM AND COMPOUNDS | 0.1030 | 0.4249 | 0.0000 | 0.0000 | 0.0000 |
| 14760 | VANADIUM | 0.2716 | 1.2587 | 0.0000 | 0.0000 | 0.0000 |
| 14785 | ZINC COMPOUNDS | 0.1905 | 0.8825 | 0.0000 | 0.0000 | 0.0000 |
| 20000 | PM10 PART-U | 1772.4443 | 7641.8512 | 0.0000 | 62.1143 | 62.1143 |
| 21175 | PM10 SULFURIC ACID | 11.6751 | 54.4688 | 0.0000 | 0.0000 | 0.0000 |
| 24051 | PM10 BARIUM COMPOUNDS | 4.6997 | 21.7975 | 0.0000 | 0.0000 | 0.0000 |
| 24194 | PM10 COPPER COMPOUNDS | 0.2124 | 0.9845 | 0.0000 | 0.0000 | 0.0000 |
| 24319 | PM10 LEAD AND COMPOUNDS | 0.0652 | 0.3022 | 0.0000 | 0.0000 | 0.0000 |
| 24355 | PM10 MANGANESE COMPOUNDS | 0.3793 | 1.7588 | 0.0000 | 0.0000 | 0.0000 |
| 24361 | PM10 MERCURY AND COMPOUNDS | 0.1519 | 0.7387 | 0.0000 | 0.0000 | 0.0000 |
| 24595 | PM10 SELENIUM AND COMPOUNDS | 0.1030 | 0.4249 | 0.0000 | 0.0000 | 0.0000 |
| 24760 | PM10 VANADIUM | 0.2716 | 1.2587 | 0.0000 | 0.0000 | 0.0000 |
| 39999 | TOTAL PM2.5 PARTICULATE | 1045.7153 | 4536.3209 | 0.0000 | 37.0911 | 37.0911 |
| 50001 | VOC-UNCLASSIFIED | 256.3218 | 1198.6329 | 0.0000 | 0.0000 | 0.0000 |
| 51550 | PHENOL | 0.1711 | 0.8013 | 0.0000 | 0.0000 | 0.0000 |
| 51649 | BENZOIC ACID | 2.6891 | 12.6041 | 0.0000 | 0.0000 | 0.0000 |
| 52240 | BENZIDINE | 2.5182 | 11.8029 | 0.0000 | 0.0000 | 0.0000 |
| 52420 | BENZENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 52490 | TOLUENE | 0.5962 | 2.7943 | 0.0000 | 0.0000 | 0.0000 |
| 52705 | DIOCTYLPHTHALATE, N- | 0.1920 | 0.8990 | 0.0000 | 0.0000 | 0.0000 |
| 53250 | METHYLENE CHLORIDE | 1.6146 | 7.5675 | 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) |
|---|---|---|---|---|---|---|
| 70050 | AMMONIA | 0.0002 | 0.0018 | 0.0000 | 0.0000 | 0.0000 |
| 70200 | HYDROGEN CHLORIDE | 24.4389 | 116.3558 | 0.0000 | 0.0000 | 0.0000 |
| 70250 | HYDROGEN FLUORIDE | 117.3887 | 547.6623 | 0.0000 | 0.0000 | 0.0000 |
| 70400 | NITROGEN OXIDES | 8999.7166 | 45779.6236 | 0.0000 | 0.0000 | 0.0000 |
| 70510 | SULFUR DIOXIDE | 17689.8345 | 73611.3606 | 0.0000 | 2.7822 | 2.7822 |
| 90300 | CARBON MONOXIDE | 43096.9560 | 224641.8196 | 0.0000 | 0.0000 | 0.0000 |

## HAPS SUMMARY REPORT

| Contam | Contam Name | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|---|---|---|---|---|---|---|
| 14319 | LEAD AND COMPOUNDS | 0.0654 | 0.3024 | 0.0000 | 0.0000 | 0.0000 |
| 14355 | MANGANESE AND COMPOUNDS | 0.3793 | 1.7588 | 0.0000 | 0.0000 | 0.0000 |
| 14361 | MERCURY AND COMPOUNDS | 0.1519 | 0.7387 | 0.0000 | 0.0000 | 0.0000 |
| 14595 | SELENIUM AND COMPOUNDS | 0.1030 | 0.4249 | 0.0000 | 0.0000 | 0.0000 |
| 24319 | PM10 LEAD AND COMPOUNDS | 0.0652 | 0.3022 | 0.0000 | 0.0000 | 0.0000 |
| 24355 | PM10 MANGANESE COMPOUNDS | 0.3793 | 1.7588 | 0.0000 | 0.0000 | 0.0000 |
| 24361 | PM10 MERCURY AND COMPOUNDS | 0.1519 | 0.7387 | 0.0000 | 0.0000 | 0.0000 |
| 24595 | PM10 SELENIUM AND COMPOUNDS | 0.1030 | 0.4249 | 0.0000 | 0.0000 | 0.0000 |
| 51550 | PHENOL | 0.1711 | 0.8013 | 0.0000 | 0.0000 | 0.0000 |
| 52240 | BENZIDINE | 2.5182 | 11.8029 | 0.0000 | 0.0000 | 0.0000 |
| 52420 | BENZENE | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 52490 | TOLUENE | 0.5962 | 2.7943 | 0.0000 | 0.0000 | 0.0000 |
| 53250 | METHYLENE CHLORIDE | 1.6146 | 7.5675 | 0.0000 | 0.0000 | 0.0000 |
| 70200 | HYDROGEN CHLORIDE | 24.4389 | 116.3558 | 0.0000 | 0.0000 | 0.0000 |
| 70250 | HYDROGEN FLUORIDE | 117.3887 | 547.6623 | 0.0000 | 0.0000 | 0.0000 |
| | Total | 148.1267 | 693.4335 | 0.0000 | 0.0000 | 0.0000 |