



# 2023 CONTAMINANT SUMMARY REPORT

August 13, 2024

5:27 pm

**CN :** CN606231090

**Organization :** GENERAL SHALE BRICK INC

**RN :** RN100212034

**Account :** BC0018F

**Site :** ELGIN 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           | 10.4030      | 58.0325     | 0.0000     | 0.0000            | 0.0000        |
| VOC             | 4.2609       | 23.3458     | 0.0000     | 0.0000            | 0.0000        |
| CO              | 60.7402      | 332.8235    | 0.0000     | 0.0000            | 0.0000        |
| NOX             | 18.0186      | 98.7319     | 0.0000     | 0.0000            | 0.0000        |
| SO2             | 25.2001      | 138.0831    | 0.0000     | 0.0000            | 0.0000        |
| PB              | 0.0005       | 0.0032      | 0.0000     | 0.0000            | 0.0000        |
| PM10            | 10.5201      | 58.6746     | 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                  | 7.4636       | 40.8960     | 0.0000     | 0.0000            | 0.0000        |
| 14000  | PART-MINERAL-U          | 3.6124       | 20.7394     | 0.0000     | 0.0000            | 0.0000        |
| 14020  | ANTIMONY-SB             | 0.0012       | 0.0076      | 0.0000     | 0.0000            | 0.0000        |
| 14030  | ARSENIC - AS            | 0.0005       | 0.0028      | 0.0000     | 0.0000            | 0.0000        |
| 14070  | BERYLLIUM-BE            | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14110  | CADMIUM-CD              | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14160  | CHROMIUM-CR             | 0.0015       | 0.0095      | 0.0000     | 0.0000            | 0.0000        |
| 14170  | COBALT-CO               | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14310  | LEAD-PB                 | 0.0005       | 0.0032      | 0.0000     | 0.0000            | 0.0000        |
| 14350  | MANGANESE-MN            | 0.0207       | 0.2868      | 0.0000     | 0.0000            | 0.0000        |
| 14360  | MERCURY-HG              | 0.0053       | 0.0401      | 0.0000     | 0.0000            | 0.0000        |
| 14390  | NICKEL-NI               | 0.0013       | 0.0092      | 0.0000     | 0.0000            | 0.0000        |
| 14590  | SELENIUM-SE             | 0.0007       | 0.0052      | 0.0000     | 0.0000            | 0.0000        |
| 20000  | PM10 PART-U             | 7.4636       | 40.8960     | 0.0000     | 0.0000            | 0.0000        |
| 24000  | PM10 PART-MINERAL-U     | 3.0565       | 17.7786     | 0.0000     | 0.0000            | 0.0000        |
| 39999  | TOTAL PM2.5 PARTICULATE | 10.4030      | 58.0325     | 0.0000     | 0.0000            | 0.0000        |
| 50001  | VOC-UNCLASSIFIED        | 3.9573       | 21.6835     | 0.0000     | 0.0000            | 0.0000        |
| 51550  | PHENOL                  | 0.0035       | 0.0190      | 0.0000     | 0.0000            | 0.0000        |
| 52420  | BENZENE                 | 0.1169       | 0.6405      | 0.0000     | 0.0000            | 0.0000        |
| 52423  | P-DICHLOROBENZENE       | 0.0020       | 0.0106      | 0.0000     | 0.0000            | 0.0000        |
| 52445  | CHLOROETHANE            | 0.0230       | 0.1259      | 0.0000     | 0.0000            | 0.0000        |
| 52450  | ETHYL BENZENE           | 0.0018       | 0.0097      | 0.0000     | 0.0000            | 0.0000        |
| 52460  | NAPHTHALENE             | 0.0026       | 0.0144      | 0.0000     | 0.0000            | 0.0000        |
| 52480  | STYRENE                 | 0.0008       | 0.0044      | 0.0000     | 0.0000            | 0.0000        |
| 52488  | 2-METHYLNAPHTHALENE     | 0.0023       | 0.0126      | 0.0000     | 0.0000            | 0.0000        |
| 52490  | TOLUENE                 | 0.0064       | 0.0354      | 0.0000     | 0.0000            | 0.0000        |
| 52510  | XYLENE-U                | 0.0027       | 0.0148      | 0.0000     | 0.0000            | 0.0000        |
| 52514  | ORTHO-XYLENE            | 0.0024       | 0.0128      | 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) |
|--------|----------------------------|--------------|-------------|------------|-------------------|---------------|
| 52708  | BUTYL BENZYL PHTHALATE BBP | 0.0007       | 0.0039      | 0.0000     | 0.0000            | 0.0000        |
| 52711  | DI-N-BUTYL PHTHALATE       | 0.0057       | 0.0309      | 0.0000     | 0.0000            | 0.0000        |
| 52715  | DIETHYL PHTHALATE          | 0.0097       | 0.0530      | 0.0000     | 0.0000            | 0.0000        |
| 52730  | BIS 2-ETHYLHEXYL PHTHALATE | 0.0806       | 0.4417      | 0.0000     | 0.0000            | 0.0000        |
| 52780  | METHYL METHACRYLATE        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53280  | METHYL CHLORIDE            | 0.0270       | 0.1479      | 0.0000     | 0.0000            | 0.0000        |
| 53290  | 1,1,1-TRICHLOROETHANE      | 0.0002       | 0.0010      | 0.0000     | 0.0000            | 0.0000        |
| 53575  | METHYL IODIDE              | 0.0037       | 0.0206      | 0.0000     | 0.0000            | 0.0000        |
| 54020  | ACETONE                    | 0.0685       | 0.3754      | 0.0000     | 0.0000            | 0.0000        |
| 54060  | METHYL BUTYL KETONE        | 0.0034       | 0.0187      | 0.0000     | 0.0000            | 0.0000        |
| 54065  | METHYL ETHYL KETONE        | 0.0089       | 0.0486      | 0.0000     | 0.0000            | 0.0000        |
| 55550  | PERCHLOROETHYLENE          | 0.0011       | 0.0062      | 0.0000     | 0.0000            | 0.0000        |
| 56550  | ETHANE                     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56725  | N BUTANE                   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56730  | N-HEXANE                   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56750  | PENTANE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56775  | PROPANE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58650  | CARBON DISULFIDE           | 0.0018       | 0.0095      | 0.0000     | 0.0000            | 0.0000        |
| 60000  | METHANE                    | 5.8815       | 32.2281     | 0.0000     | 0.0000            | 0.0000        |
| 70110  | CHLORINE                   | 0.0058       | 0.0317      | 0.0000     | 0.0000            | 0.0000        |
| 70200  | HYDROGEN CHLORIDE          | 2.6478       | 14.6413     | 0.0000     | 0.0000            | 0.0000        |
| 70250  | HYDROGEN FLUORIDE          | 0.4629       | 2.6008      | 0.0000     | 0.0000            | 0.0000        |
| 70400  | NITROGEN OXIDES            | 18.0186      | 98.7319     | 0.0000     | 0.0000            | 0.0000        |
| 70510  | SULFUR DIOXIDE             | 25.2001      | 138.0831    | 0.0000     | 0.0000            | 0.0000        |
| 90300  | CARBON MONOXIDE            | 60.7402      | 332.8235    | 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) |
|--------------|----------------------------|--------------|-------------|------------|-------------------|---------------|
| 14020        | ANTIMONY-SB                | 0.0012       | 0.0076      | 0.0000     | 0.0000            | 0.0000        |
| 14030        | ARSENIC - AS               | 0.0005       | 0.0028      | 0.0000     | 0.0000            | 0.0000        |
| 14070        | BERYLLIUM-BE               | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14110        | CADMIUM-CD                 | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14160        | CHROMIUM-CR                | 0.0015       | 0.0095      | 0.0000     | 0.0000            | 0.0000        |
| 14170        | COBALT-CO                  | 0.0002       | 0.0013      | 0.0000     | 0.0000            | 0.0000        |
| 14310        | LEAD-PB                    | 0.0005       | 0.0032      | 0.0000     | 0.0000            | 0.0000        |
| 14350        | MANGANESE-MN               | 0.0207       | 0.2868      | 0.0000     | 0.0000            | 0.0000        |
| 14360        | MERCURY-HG                 | 0.0053       | 0.0401      | 0.0000     | 0.0000            | 0.0000        |
| 14390        | NICKEL-NI                  | 0.0013       | 0.0092      | 0.0000     | 0.0000            | 0.0000        |
| 14590        | SELENIUM-SE                | 0.0007       | 0.0052      | 0.0000     | 0.0000            | 0.0000        |
| 51550        | PHENOL                     | 0.0035       | 0.0190      | 0.0000     | 0.0000            | 0.0000        |
| 52420        | BENZENE                    | 0.1169       | 0.6405      | 0.0000     | 0.0000            | 0.0000        |
| 52423        | P-DICHLOROBENZENE          | 0.0020       | 0.0106      | 0.0000     | 0.0000            | 0.0000        |
| 52445        | CHLOROETHANE               | 0.0230       | 0.1259      | 0.0000     | 0.0000            | 0.0000        |
| 52450        | ETHYL BENZENE              | 0.0018       | 0.0097      | 0.0000     | 0.0000            | 0.0000        |
| 52460        | NAPHTHALENE                | 0.0026       | 0.0144      | 0.0000     | 0.0000            | 0.0000        |
| 52480        | STYRENE                    | 0.0008       | 0.0044      | 0.0000     | 0.0000            | 0.0000        |
| 52488        | 2-METHYLNAPHTHALENE        | 0.0023       | 0.0126      | 0.0000     | 0.0000            | 0.0000        |
| 52490        | TOLUENE                    | 0.0064       | 0.0354      | 0.0000     | 0.0000            | 0.0000        |
| 52510        | XYLENE-U                   | 0.0027       | 0.0148      | 0.0000     | 0.0000            | 0.0000        |
| 52514        | ORTHO-XYLENE               | 0.0024       | 0.0128      | 0.0000     | 0.0000            | 0.0000        |
| 52711        | DI-N-BUTYL PHTHALATE       | 0.0057       | 0.0309      | 0.0000     | 0.0000            | 0.0000        |
| 52730        | BIS 2-ETHYLHEXYL PHTHALATE | 0.0806       | 0.4417      | 0.0000     | 0.0000            | 0.0000        |
| 52780        | METHYL METHACRYLATE        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53280        | METHYL CHLORIDE            | 0.0270       | 0.1479      | 0.0000     | 0.0000            | 0.0000        |
| 53290        | 1,1,1-TRICHLOROETHANE      | 0.0002       | 0.0010      | 0.0000     | 0.0000            | 0.0000        |
| 53575        | METHYL IODIDE              | 0.0037       | 0.0206      | 0.0000     | 0.0000            | 0.0000        |
| 55550        | PERCHLOROETHYLENE          | 0.0011       | 0.0062      | 0.0000     | 0.0000            | 0.0000        |
| 56730        | N-HEXANE                   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58650        | CARBON DISULFIDE           | 0.0018       | 0.0095      | 0.0000     | 0.0000            | 0.0000        |
| 70110        | CHLORINE                   | 0.0058       | 0.0317      | 0.0000     | 0.0000            | 0.0000        |
| 70200        | HYDROGEN CHLORIDE          | 2.6478       | 14.6413     | 0.0000     | 0.0000            | 0.0000        |
| 70250        | HYDROGEN FLUORIDE          | 0.4629       | 2.6008      | 0.0000     | 0.0000            | 0.0000        |
| <b>Total</b> |                            | 3.4333       | 19.2000     | 0.0000     | 0.0000            | 0.0000        |