



# 2023 CONTAMINANT SUMMARY REPORT

June 17, 2024

2:36 pm

**CN :** CN604027466

**Organization :** WABTEC MANUFACTURING SOLUTIONS LLC

**RN :** RN106278385

**Account :** DFA233Y

**Site :** LOCOMOTIVE 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           | 0.0297       | 0.4859      | 0.0000     | 0.0000            | 0.0000        |
| VOC             | 22.4756      | 152.2816    | 0.0000     | 0.0000            | 0.0000        |
| CO              | 4.0492       | 4.6502      | 0.0000     | 0.0000            | 0.0000        |
| NOX             | 1.4460       | 1.6856      | 0.0000     | 0.0000            | 0.0000        |
| SO2             | 0.0286       | 0.0320      | 0.0000     | 0.0000            | 0.0000        |
| PB              | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| PM10            | 0.0297       | 0.4862      | 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  | 0.0297       | 0.4862      | 0.0000     | 0.0000            | 0.0000        |
| 11165  | NITRIC ACID   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 11170  | PHOSPHORIC ACID   | 0.0036       | 0.0246      | 0.0000     | 0.0000            | 0.0000        |
| 11426  | DIACETONE ALCOHOL   | 0.0004       | 0.0015      | 0.0000     | 0.0000            | 0.0000        |
| 20000  | PM10 PART-U   | 0.0297       | 0.4862      | 0.0000     | 0.0000            | 0.0000        |
| 21426  | PM10 DIACETONE ALCOHOL  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 39999  | TOTAL PM2.5 PARTICULATE   | 0.0297       | 0.4859      | 0.0000     | 0.0000            | 0.0000        |
| 50001  | VOC-UNCLASSIFIED  | 0.8296       | 5.9649      | 0.0000     | 0.0000            | 0.0000        |
| 51129  | 1-PROPANOL, 2-METHOXY-ACETATE   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51141  | METHACRYLIC ACID  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51225  | PROPANOIC ACID, 2-METHYL-MONOESTER WITH 2,2,4-TRIMETHYL-1, 3 -PENTANEDIOL | 0.0524       | 0.5478      | 0.0000     | 0.0000            | 0.0000        |
| 51430  | 2- BUTOXYETHANOL  | 0.0209       | 0.1579      | 0.0000     | 0.0000            | 0.0000        |
| 51440  | N-BUTYL ALCOHOL   | 0.0130       | 0.0583      | 0.0000     | 0.0000            | 0.0000        |
| 51452  | CARBITOL CELLOSOLVE   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51459  | DIMETHYLAMINOETHANOL  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51460  | ETHANOL   | 0.0202       | 0.1513      | 0.0000     | 0.0000            | 0.0000        |
| 51471  | ETHYLENE GLYCOL   | 0.0004       | 0.0046      | 0.0000     | 0.0000            | 0.0000        |
| 51472  | PROPYLENE GLYCOL  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51475  | GLYCERIN MIST   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51478  | METHOXY-2-ACETOXYPROPANE, 1-  | 0.2241       | 1.4219      | 0.0000     | 0.0000            | 0.0000        |
| 51487  | DIMETHYL-4-HEPTANOL 2-6   | 0.0143       | 0.0114      | 0.0000     | 0.0000            | 0.0000        |
| 51493  | METHYL CARBITOL   | 0.0033       | 0.0231      | 0.0000     | 0.0000            | 0.0000        |
| 51510  | ISOPROPANOL   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51590  | TERT BUTYL ALCOHOL  | 0.0153       | 0.0962      | 0.0000     | 0.0000            | 0.0000        |
| 51650  | BENZALDEHYDE  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51680  | FORMALDEHYDE  | 0.0052       | 0.0052      | 0.0000     | 0.0000            | 0.0000        |
| 52203  | HEXAMETHYLDISILIZANE  | 0.0000       | 0.0000      | 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) |
|--------|-------------------------------------|--------------|-------------|------------|-------------------|---------------|
| 52265  | AROMATIC PETROLEUM DISTILLATE HEAVY | 0.1987       | 3.3200      | 0.0000     | 0.0000            | 0.0000        |
| 52279  | MONOETHANOLAMINE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52282  | TRIETHANOLAMINE                     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52416  | TRIMETHYL BENZENE, 1,2,4-           | 0.4445       | 2.9135      | 0.0000     | 0.0000            | 0.0000        |
| 52417  | TRIMETHYL BENZENE, 1,2,3-           | 0.0396       | 0.2318      | 0.0000     | 0.0000            | 0.0000        |
| 52418  | TRIMETHYL BENZENE, 1,3,5-           | 0.1335       | 0.7587      | 0.0000     | 0.0000            | 0.0000        |
| 52428  | TRIMETHYL BENZENE                   | 0.1068       | 0.4695      | 0.0000     | 0.0000            | 0.0000        |
| 52440  | CUMENE                              | 0.0618       | 0.3987      | 0.0000     | 0.0000            | 0.0000        |
| 52450  | ETHYL BENZENE                       | 0.0749       | 0.4653      | 0.0000     | 0.0000            | 0.0000        |
| 52460  | NAPHTHALENE                         | 0.0248       | 0.2297      | 0.0000     | 0.0000            | 0.0000        |
| 52471  | ETHYL 3-ETHYOXYPROPRIONATE          | 0.7785       | 5.2606      | 0.0000     | 0.0000            | 0.0000        |
| 52480  | STYRENE                             | 0.1483       | 1.1988      | 0.0000     | 0.0000            | 0.0000        |
| 52490  | TOLUENE                             | 0.1182       | 0.7629      | 0.0000     | 0.0000            | 0.0000        |
| 52510  | XYLENE-U                            | 0.3423       | 2.1281      | 0.0000     | 0.0000            | 0.0000        |
| 52640  | BUTYL ACETATE                       | 5.4701       | 37.2735     | 0.0000     | 0.0000            | 0.0000        |
| 52641  | ISOBUTYL ACETATE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52642  | TERT-BUTYL ACETATE                  | 12.3925      | 82.3610     | 0.0000     | 0.0000            | 0.0000        |
| 52681  | ETHYLACETOACETATE                   | 1.1636       | 8.9823      | 0.0000     | 0.0000            | 0.0000        |
| 52685  | ALKYL PHENOL ETHOXYLATE             | 0.0011       | 0.0119      | 0.0000     | 0.0000            | 0.0000        |
| 52728  | DIISODECYL PHTHALATE                | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52760  | METHYL ACETATE                      | 0.0340       | 0.2799      | 0.0000     | 0.0000            | 0.0000        |
| 52820  | CARBITOL-U                          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52821  | BUTYL CARBITOL                      | 0.0030       | 0.0169      | 0.0000     | 0.0000            | 0.0000        |
| 52830  | GLYCOL ETHERS CELLOSOLVES           | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52835  | DIPROPYLENE GLYCOL MONOMETHYL ETHER | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52842  | BUTYL CELLOSOLVE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52844  | BUTYL CELLOSOLVE ACETATE            | 0.1537       | 0.6230      | 0.0000     | 0.0000            | 0.0000        |
| 52912  | EPOXY RESIN                         | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52922  | METHOXY 1 PROPANOL 2                | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52930  | DIMETHOXYMETHANE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53290  | 1,1,1-TRICHLOROETHANE               | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53297  | HFC 43-10MEE                        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 53299  | PARACHLOROBENZOTRIFLUORIDE          | 11.5992      | 72.3333     | 0.0000     | 0.0000            | 0.0000        |
| 53625  | CUMENE HYDROPEROXIDE                | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 54020  | ACETONE                             | 12.4069      | 82.8921     | 0.0000     | 0.0000            | 0.0000        |
| 54023  | DIMETHYL-4-HEPTANONE 2,6            | 0.2000       | 1.3478      | 0.0000     | 0.0000            | 0.0000        |
| 54024  | 4, 6-DIMETHYL-2-HEPTANONE           | 0.4714       | 3.2200      | 0.0000     | 0.0000            | 0.0000        |
| 54040  | CYCLOHEXANONE                       | 0.0000       | 0.0000      | 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) |
| 54065                      | METHYL ETHYL KETONE                      | 0.0740       | 0.4927      | 0.0000     | 0.0000            | 0.0000        |
| 54070                      | METHYL ISOBUTYL KETONE                   | 0.0063       | 0.0786      | 0.0000     | 0.0000            | 0.0000        |
| 54072                      | HEPTANONE 2                              | 0.1070       | 0.6788      | 0.0000     | 0.0000            | 0.0000        |
| 54073                      | METHYL ISOAMYL KETONE                    | 0.0750       | 0.1711      | 0.0000     | 0.0000            | 0.0000        |
| 54076                      | METHYL PROPYL KETONE                     | 0.0441       | 0.4571      | 0.0000     | 0.0000            | 0.0000        |
| 55380                      | ACRYLONITRILE MONOMER                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56050                      | CYCLOHEXANE                              | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56575                      | HEPTANE                                  | 0.0053       | 0.0504      | 0.0000     | 0.0000            | 0.0000        |
| 56600                      | HEXANE                                   | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56625                      | ISOBUTANE                                | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56670                      | ISOBUTYL ISOBUTYRATE                     | 0.1008       | 0.7399      | 0.0000     | 0.0000            | 0.0000        |
| 56725                      | N BUTANE                                 | 0.1204       | 0.8328      | 0.0000     | 0.0000            | 0.0000        |
| 56730                      | N-HEXANE                                 | 0.0860       | 0.0946      | 0.0000     | 0.0000            | 0.0000        |
| 56775                      | PROPANE                                  | 0.2456       | 1.7524      | 0.0000     | 0.0000            | 0.0000        |
| 58213                      | ACRYLONITRILE                            | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58445                      | 1,2-BUTYLENE OXIDE                       | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58500                      | TETRAHYDROFURAN                          | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58998                      | ALIPHATIC PETROLEUM DISTILLATE           | 0.0511       | 0.2869      | 0.0000     | 0.0000            | 0.0000        |
| 58999                      | AROMATIC PETROLEUM DISTILLATE LIGHT      | 0.6548       | 4.1452      | 0.0000     | 0.0000            | 0.0000        |
| 59002                      | DISTILLATE                               | 0.2008       | 1.3537      | 0.0000     | 0.0000            | 0.0000        |
| 59009                      | PETROLEUM DISTILLATE                     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 59020                      | HYDROTREATED HEAVY NAPHTHENIC DISTILLATE | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 59303                      | NAPHTHOL SPIRITS                         | 0.9414       | 8.0722      | 0.0000     | 0.0000            | 0.0000        |
| 59305                      | NAPHTHA, PETROLEUM, HYDRO TREAT LT       | 0.0112       | 0.0888      | 0.0000     | 0.0000            | 0.0000        |
| 59360                      | STODDARD SOLVENT                         | 0.0127       | 0.1323      | 0.0000     | 0.0000            | 0.0000        |
| 59799                      | ACETYLACETONE                            | 0.9417       | 6.4952      | 0.0000     | 0.0000            | 0.0000        |
| 59871                      | VM AND P NAPHTHA                         | 7.6639       | 48.3033     | 0.0000     | 0.0000            | 0.0000        |
| 70050                      | AMMONIA                                  | 0.1547       | 0.1883      | 0.0000     | 0.0000            | 0.0000        |
| 70051                      | AMMONIUM HYDROXIDE                       | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70110                      | CHLORINE                                 | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70400                      | NITROGEN OXIDES                          | 1.4460       | 1.6856      | 0.0000     | 0.0000            | 0.0000        |
| 70510                      | SULFUR DIOXIDE                           | 0.0286       | 0.0320      | 0.0000     | 0.0000            | 0.0000        |
| 90100                      | CARBON DIOXIDE                           | 5783.6888    | 6642.9578   | 0.0000     | 0.0000            | 0.0000        |
| 90300                      | CARBON MONOXIDE                          | 4.0492       | 4.6502      | 0.0000     | 0.0000            | 0.0000        |



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## HAPS SUMMARY REPORT

| Contam | Contam Name               | Annual (TPY) | Ozone (PPD) | SMSS (TPY) | Emiss Event (TPY) | EE/SMSS (TPY) |
|--------|---------------------------|--------------|-------------|------------|-------------------|---------------|
| 51452  | CARBITOL CELLOSOLVE       | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 51471  | ETHYLENE GLYCOL           | 0.0004       | 0.0046      | 0.0000     | 0.0000            | 0.0000        |
| 51493  | METHYL CARBITOL           | 0.0033       | 0.0231      | 0.0000     | 0.0000            | 0.0000        |
| 51680  | FORMALDEHYDE              | 0.0052       | 0.0052      | 0.0000     | 0.0000            | 0.0000        |
| 52440  | CUMENE                    | 0.0618       | 0.3987      | 0.0000     | 0.0000            | 0.0000        |
| 52450  | ETHYL BENZENE             | 0.0749       | 0.4653      | 0.0000     | 0.0000            | 0.0000        |
| 52460  | NAPHTHALENE               | 0.0248       | 0.2297      | 0.0000     | 0.0000            | 0.0000        |
| 52480  | STYRENE                   | 0.1483       | 1.1988      | 0.0000     | 0.0000            | 0.0000        |
| 52490  | TOLUENE                   | 0.1182       | 0.7629      | 0.0000     | 0.0000            | 0.0000        |
| 52510  | XYLENE-U                  | 0.3423       | 2.1281      | 0.0000     | 0.0000            | 0.0000        |
| 52821  | BUTYL CARBITOL            | 0.0030       | 0.0169      | 0.0000     | 0.0000            | 0.0000        |
| 52830  | GLYCOL ETHERS CELLOSOLVES | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 52844  | BUTYL CELLOSOLVE ACETATE  | 0.1537       | 0.6230      | 0.0000     | 0.0000            | 0.0000        |
| 53290  | 1,1,1-TRICHLOROETHANE     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 54070  | METHYL ISOBUTYL KETONE    | 0.0063       | 0.0786      | 0.0000     | 0.0000            | 0.0000        |
| 55380  | ACRYLONITRILE MONOMER     | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56600  | HEXANE                    | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 56730  | N-HEXANE                  | 0.0860       | 0.0946      | 0.0000     | 0.0000            | 0.0000        |
| 58213  | ACRYLONITRILE             | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 58445  | 1,2-BUTYLENE OXIDE        | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
| 70110  | CHLORINE                  | 0.0000       | 0.0000      | 0.0000     | 0.0000            | 0.0000        |
|        | Total                     | 1.0282       | 6.0295      | 0.0000     | 0.0000            | 0.0000        |