



Medline Industries, Inc.  
www.medline.com

**Northpoint Services**  
1160 South Northpoint Blvd.  
Waukegan, Illinois 60685

1-224-572-6431

April 17, 2023

Illinois Environmental Protection Agency  
Bureau of Air  
Compliance Section (#40)  
1021 North Grand Avenue, East  
P.O. Box 19276  
Springfield, IL 62794-9276

Telephone: 217/782-5811  
I.D. No.: 097190AFG  
Application No.: 19020013

As required in Section 10. a. i., of the Construction Permit, the daily, monthly and annual rolling emissions of ethylene oxide (EO) are listed in the tables below beginning on the following page:



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| Date      | Emissions Daily-Lbs EO | Emissions Monthly-Lbs EO<br>(Limit: 15 Lb/Mo) | Calendar Emissions Annual-Lbs EO<br>(Limit: 150 Lb/Yr) |
|-----------|------------------------|-----------------------------------------------|--------------------------------------------------------|
| 1/1/2023  | 0.0293                 | 0.0293                                        | 0.0293                                                 |
| 1/2/2023  | 0.0403                 | 0.0696                                        | 0.0696                                                 |
| 1/3/2023  | 0.0653                 | 0.1349                                        | 0.1349                                                 |
| 1/4/2023  | 0.0314                 | 0.1663                                        | 0.1663                                                 |
| 1/5/2023  | 0.0601                 | 0.2264                                        | 0.2264                                                 |
| 1/6/2023  | 0.0530                 | 0.2794                                        | 0.2794                                                 |
| 1/7/2023  | 0.1155                 | 0.3949                                        | 0.3949                                                 |
| 1/8/2023  | 0.0857                 | 0.4806                                        | 0.4806                                                 |
| 1/9/2023  | 0.1153                 | 0.5959                                        | 0.5959                                                 |
| 1/10/2023 | 0.0740                 | 0.6699                                        | 0.6699                                                 |
| 1/11/2023 | 0.0733                 | 0.7432                                        | 0.7432                                                 |
| 1/12/2023 | 0.0950                 | 0.8382                                        | 0.8382                                                 |
| 1/13/2023 | 0.0678                 | 0.9060                                        | 0.9060                                                 |
| 1/14/2023 | 0.2444                 | 1.1504                                        | 1.1504                                                 |
| 1/15/2023 | 0.1706                 | 1.3210                                        | 1.3210                                                 |
| 1/16/2023 | 0.0950                 | 1.4160                                        | 1.4160                                                 |
| 1/17/2023 | 0.0544                 | 1.4704                                        | 1.4704                                                 |
| 1/18/2023 | 0.0628                 | 1.5332                                        | 1.5332                                                 |
| 1/19/2023 | 0.0453                 | 1.5785                                        | 1.5785                                                 |
| 1/20/2023 | 0.0569                 | 1.6354                                        | 1.6354                                                 |
| 1/21/2023 | 0.1432                 | 1.7786                                        | 1.7786                                                 |
| 1/22/2023 | 0.1181                 | 1.8967                                        | 1.8967                                                 |
| 1/23/2023 | 0.0886                 | 1.9853                                        | 1.9853                                                 |
| 1/24/2023 | 0.0484                 | 2.0337                                        | 2.0337                                                 |
| 1/25/2023 | 0.0636                 | 2.0973                                        | 2.0973                                                 |
| 1/26/2023 | 0.0736                 | 2.1709                                        | 2.1709                                                 |
| 1/27/2023 | 0.0640                 | 2.2349                                        | 2.2349                                                 |
| 1/28/2023 | 0.0916                 | 2.3265                                        | 2.3265                                                 |
| 1/29/2023 | 0.1343                 | 2.4608                                        | 2.4608                                                 |
| 1/30/2023 | 0.0866                 | 2.5474                                        | 2.5474                                                 |
| 1/31/2023 | 0.0507                 | 2.5981                                        | 2.5981                                                 |
| 2/1/2023  | 0.0454                 | 0.0454                                        | 2.6435                                                 |
| 2/2/2023  | 0.0388                 | 0.0842                                        | 2.6823                                                 |
| 2/3/2023  | 0.0687                 | 0.1529                                        | 2.7510                                                 |
| 2/4/2023  | 0.1063                 | 0.2592                                        | 2.8573                                                 |
| 2/5/2023  | 0.1800                 | 0.4392                                        | 3.0373                                                 |
| 2/6/2023  | 0.0937                 | 0.5329                                        | 3.1310                                                 |





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|-----------|------------------------|-----------------------------------------------|--------------------------------------------------------|
| 2/7/2023  | 0.0984                 | 0.6313                                        | 3.2294                                                 |
| 2/8/2023  | 0.1049                 | 0.7362                                        | 3.3343                                                 |
| 2/9/2023  | 0.1310                 | 0.8672                                        | 3.4653                                                 |
| 2/10/2023 | 0.0829                 | 0.9501                                        | 3.5482                                                 |
| 2/11/2023 | 0.0690                 | 1.0191                                        | 3.6172                                                 |
| 2/12/2023 | 0.0898                 | 1.1089                                        | 3.7070                                                 |
| 2/13/2023 | 0.0797                 | 1.1886                                        | 3.7867                                                 |
| 2/14/2023 | 0.1330                 | 1.3216                                        | 3.9197                                                 |
| 2/15/2023 | 0.0683                 | 1.3899                                        | 3.9880                                                 |
| 2/16/2023 | 0.0624                 | 1.4523                                        | 4.0504                                                 |
| 2/17/2023 | 0.1012                 | 1.5535                                        | 4.1516                                                 |
| 2/18/2023 | 0.1138                 | 1.6673                                        | 4.2654                                                 |
| 2/19/2023 | 0.1137                 | 1.7810                                        | 4.3791                                                 |
| 2/20/2023 | 0.0840                 | 1.8650                                        | 4.4631                                                 |
| 2/21/2023 | 0.0434                 | 1.9084                                        | 4.5065                                                 |
| 2/22/2023 | 0.0609                 | 1.9693                                        | 4.5674                                                 |
| 2/23/2023 | 0.0458                 | 2.0151                                        | 4.6132                                                 |
| 2/24/2023 | 0.0462                 | 2.0613                                        | 4.6594                                                 |
| 2/25/2023 | 0.1009                 | 2.1622                                        | 4.7603                                                 |
| 2/26/2023 | 0.1121                 | 2.2743                                        | 4.8724                                                 |
| 2/27/2023 | 0.1080                 | 2.3823                                        | 4.9804                                                 |
| 2/28/2023 | 0.0526                 | 2.4349                                        | 5.0330                                                 |
| 3/1/2023  | 0.0534                 | 0.0534                                        | 5.0864                                                 |
| 3/2/2023  | 0.0859                 | 0.1393                                        | 5.1723                                                 |
| 3/3/2023  | 0.0466                 | 0.1859                                        | 5.2189                                                 |
| 3/4/2023  | 0.1348                 | 0.3207                                        | 5.3537                                                 |
| 3/5/2023  | 0.1387                 | 0.4594                                        | 5.4924                                                 |
| 3/6/2023  | 0.0812                 | 0.5406                                        | 5.5736                                                 |
| 3/7/2023  | 0.0378                 | 0.5784                                        | 5.6114                                                 |
| 3/8/2023  | 0.0746                 | 0.6530                                        | 5.6860                                                 |
| 3/9/2023  | 0.0538                 | 0.7068                                        | 5.7398                                                 |
| 3/10/2023 | 0.0731                 | 0.7799                                        | 5.8129                                                 |
| 3/11/2023 | 0.1151                 | 0.8950                                        | 5.9280                                                 |
| 3/12/2023 | 0.1514                 | 1.0464                                        | 6.0794                                                 |
| 3/13/2023 | 0.0868                 | 1.1332                                        | 6.1662                                                 |
| 3/14/2023 | 0.0534                 | 1.1866                                        | 6.2196                                                 |
| 3/15/2023 | 0.0767                 | 1.2633                                        | 6.2963                                                 |
| 3/16/2023 | 0.0767                 | 1.3400                                        | 6.3730                                                 |



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| Date      | Emissions Daily-<br>Lbs EO | Emissions<br>Monthly-Lbs EO<br>(Limit: 15 Lb/Mo) | Calendar Emissions<br>Annual-Lbs EO<br>(Limit: 150 Lb/Yr) |
|-----------|----------------------------|--------------------------------------------------|-----------------------------------------------------------|
| 3/17/2023 | 0.1476                     | 1.4876                                           | 6.5206                                                    |
| 3/18/2023 | 0.2021                     | 1.6897                                           | 6.7227                                                    |
| 3/19/2023 | 0.2057                     | 1.8954                                           | 6.9284                                                    |
| 3/20/2023 | 0.0696                     | 1.9650                                           | 6.9980                                                    |
| 3/21/2023 | 0.0519                     | 2.0169                                           | 7.0499                                                    |
| 3/22/2023 | 0.0705                     | 2.0874                                           | 7.1204                                                    |
| 3/23/2023 | 0.0485                     | 2.1359                                           | 7.1689                                                    |
| 3/24/2023 | 0.0782                     | 2.2141                                           | 7.2471                                                    |
| 3/25/2023 | 0.1567                     | 2.3708                                           | 7.4038                                                    |
| 3/26/2023 | 0.1711                     | 2.5419                                           | 7.5749                                                    |
| 3/27/2023 | 0.1766                     | 2.7185                                           | 7.7515                                                    |
| 3/28/2023 | 0.0998                     | 2.8183                                           | 7.8513                                                    |
| 3/29/2023 | 0.1149                     | 2.9332                                           | 7.9662                                                    |
| 3/30/2023 | 0.0978                     | 3.0310                                           | 8.0640                                                    |
| 3/31/2023 | 0.1204                     | 3.1514                                           | 8.1844                                                    |
|           |                            |                                                  |                                                           |



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Additionally, as required by Section 10 a. ii., no changes to the emission monitoring system to improve the limit of quantification of the system were done.

Lastly, as required by Section 10 a. iii., additional testing of the emission control system for ethylene oxide was conducted during Q1 of 2023. Per Test Plan No. 928ET-663754-PP-11R3 dated January 23, 2020 and Proposal No. MW024AS-033361-PQ-1429 dated February 20, 2023, the 2023 Relative Accuracy Test Audit was successfully conducted on March 23, 2023.

If you have any questions regarding this report, please contact me at 224-572-6437.

Clay Durbin  
Plant Manager  
Medline Industries, Inc.  
Northpoint Services