



Medline Industries, Inc.
www.medline.com

Northpoint Services
1160 South Northpoint Blvd.
Waukegan, Illinois 60685

1-224-572-6431

April 15, 2024

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 (Limit: 15 Lb/Mo)	Calendar Emissions Annual-Lbs EO (Limit: 150 Lb/Yr)
1/1/2024	0.0458	0.0458	0.0458
1/2/2024	0.0553	0.1011	0.1011
1/3/2024	0.1127	0.2138	0.2138
1/4/2024	0.0353	0.2491	0.2491
1/5/2024	0.1182	0.3673	0.3673
1/6/2024	0.1074	0.4747	0.4747
1/7/2024	0.1581	0.6328	0.6328
1/8/2024	0.1118	0.7446	0.7446
1/9/2024	0.0584	0.803	0.8030
1/10/2024	0.0510	0.854	0.8540
1/11/2024	0.0375	0.8915	0.8915
1/12/2024	0.0982	0.9897	0.9897
1/13/2024	0.1204	1.1101	1.1101
1/14/2024	0.1724	1.2825	1.2825
1/15/2024	0.1966	1.4791	1.4791
1/16/2024	0.1574	1.6365	1.6365
1/17/2024	0.1174	1.7539	1.7539
1/18/2024	0.1095	1.8634	1.8634
1/19/2024	0.1902	2.0536	2.0536
1/20/2024	0.0769	2.1305	2.1305
1/21/2024	0.2057	2.3362	2.3362
1/22/2024	0.1212	2.4574	2.4574
1/23/2024	0.0565	2.5139	2.5139
1/24/2024	0.0574	2.5713	2.5713
1/25/2024	0.0258	2.5971	2.5971
1/26/2024	0.0348	2.6319	2.6319
1/27/2024	0.0600	2.6919	2.6919
1/28/2024	0.1142	2.8061	2.8061
1/29/2024	0.0650	2.8711	2.8711
1/30/2024	0.0287	2.8998	2.8998
1/31/2024	0.0599	2.9597	2.9597
2/1/2024	0.0311	0.0311	2.9908
2/2/2024	0.0554	0.0865	3.0462
2/3/2024	0.0702	0.1567	3.1164
2/4/2024	0.1516	0.3083	3.2680
2/5/2024	0.1130	0.4213	3.3810
2/6/2024	0.0879	0.5092	3.4689



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2/7/2024	0.1195	0.6287	3.5884
2/8/2024	0.1093	0.738	3.6977
2/9/2024	0.1350	0.873	3.8327
2/10/2024	0.1366	1.0096	3.9693
2/11/2024	0.1351	1.1447	4.1044
2/12/2024	0.0801	1.2248	4.1845
2/13/2024	0.0724	1.2972	4.2569
2/14/2024	0.0668	1.364	4.3237
2/15/2024	0.0700	1.434	4.3937
2/16/2024	0.1142	1.5482	4.5079
2/17/2024	0.1596	1.7078	4.6675
2/18/2024	0.1473	1.8551	4.8148
2/19/2024	0.1407	1.9958	4.9555
2/20/2024	0.1596	2.1554	5.1151
2/21/2024	0.1065	2.2619	5.2216
2/22/2024	0.1448	2.4067	5.3664
2/23/2024	0.1441	2.5508	5.5105
2/24/2024	0.1241	2.6749	5.6346
2/25/2024	0.1027	2.7776	5.7373
2/26/2024	0.1271	2.9047	5.8644
2/27/2024	0.1028	3.0075	5.9672
2/28/2024	0.1047	3.1122	6.0719
2/29/2024	0.1078	3.22	6.1797
3/1/2024	0.1386	0.1386	6.3183
3/2/2024	0.2551	0.3937	6.5734
3/3/2024	0.1589	0.5526	6.7323
3/4/2024	0.1633	0.7159	6.8956
3/5/2024	0.1819	0.8978	7.0775
3/6/2024	0.0721	0.9699	7.1496
3/7/2024	0.0657	1.0356	7.2153
3/8/2024	0.0600	1.0956	7.2753
3/9/2024	0.0989	1.1945	7.3742
3/10/2024	0.0669	1.2614	7.4411
3/11/2024	0.0961	1.3575	7.5372
3/12/2024	0.0527	1.4102	7.5899
3/13/2024	0.0737	1.4839	7.6636
3/14/2024	0.0609	1.5448	7.7245
3/15/2024	0.0565	1.6013	7.7810



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3/16/2024	0.0802	1.6815	7.8612
3/17/2024	0.1710	1.8525	8.0322
3/18/2024	0.1435	1.996	8.1757
3/19/2024	0.0646	2.0606	8.2403
3/20/2024	0.1578	2.2184	8.3981
3/21/2024	0.0914	2.3098	8.4895
3/22/2024	0.1385	2.4483	8.6280
3/23/2024	0.1135	2.5618	8.7415
3/24/2024	0.1515	2.7133	8.8930
3/25/2024	0.2242	2.9375	9.1172
3/26/2024	0.2714	3.2089	9.3886
3/27/2024	0.1031	3.312	9.4917
3/28/2024	0.1462	3.4582	9.6379
3/29/2024	0.1534	3.6116	9.7913
3/30/2024	0.1598	3.7714	9.9511
3/31/2024	0.2760	4.0474	10.2271



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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 2024. Per the Test Plan in Proposal No. MW023AS-036717-PP-708 dated February 9, 2024, the 2024 Relative Accuracy Test Audit was successfully conducted on March 27, 2024.

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

Clay Durbin
Plant Manager
Medline Industries, Inc.
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