

NYS DEC REPORT: AIR QUALITY WITHIN STANDARDS AT ALUF

Results of an independent New York State Department of Environmental Conservation (NYS DEC) study inside Aluf's facility and at nearby locations show air quality to be within applicable standards.



Air quality inside Aluf tested within applicable standards*



Three other test sites around Orangetown, near Aluf, also tested within applicable standards*



Slightly elevated compound levels – commonly associated with vehicle emissions and dry cleaning operations – at two sites are not attributed to Aluf by the NYS DEC.



View the full test results on the back page of this document.

ALUF IS DOING ITS PART

Aluf has recently made improvements to address any odor contributions to the area. We continue to work in concert with the NYS DEC to identify any other opportunities we may have to contribute to the overall well-being of the community. Aluf has also invested in an independent environmental engineering consulting firm to assess our operations, so we can maintain best management practices.

MORE FOR ORANGETOWN

The NYS DEC is conducting a comprehensive study of Orangetown, aimed at identifying all potential sources of odors in the community. Aluf is in full support of the NYS DEC's effort to ensure all Orangetown businesses are operating properly.

GET INVOLVED!

Your input directly shapes what we can do to take care of our community in the best way possible. Visit www.alufcommunity.com to learn more about Aluf and our operations. Please, continue to email your concerns and questions to us at neighbors@alufplastics.com.

If all of our industrial neighbors take similar steps, it will benefit our entire community.



* Air quality samples were collected by NYS DEC in SUMMA canisters and placed by NYS DEC at multiple locations, including within Aluf's facility. The canisters were provided by and calibrated by a New York State accredited laboratory and the laboratory results were analyzed and reported by the same accredited laboratory, September 2016.

NYS DEC STUDY, CONDUCTED SEPTEMBER 2016

	Cottage Lane Elementary School 120 Cottage Lane Blauvelt, NY	Joseph B. Clarke Rail Trail Between Dominican College and Aluf	Aluf Plastics (inside facility) 2 Glenshaw St. Orangeburg, NY	Joseph B. Clarke Rail Trail 200 feet north of Mountain Avenue	Statewide Average **
Date	9/2/2016	9/8/2016	9/11/2016	9/11/2016	
Time of Sampling	1:15 p.m.	6:15 *	5:35 p.m.	3:30 p.m.	
Wind Direction	NNE	NNE or ESE	NNW	WNW	
Relation to Aluf	Upwind	Potentially downwind	Source sample	Somewhat downwind	
Compound Name					
Dichlorodifluoromethane	0.552	0.525	0.531	0.527	0.517
Chloromethane	0.449	0.52	0.474	0.448	0.517
Dichlorotetrafluoroethane	0.023	0.021	0.021	0.023	0.015
Vinyl Chloride	0.008	0.007	0.011	0.009	0.004
1,3Butadiene	0.008	0.02	0.015	0.012	0.024
Bromomethane	0.012	0.014	0.015	0.013	0.009
Chloroethane	0.008	0.011	0.009	0.007	0.003
Trichlorofluoromethane	0.236	0.247	0.257	0.235	0.246
1,1Dichloroethylene	0.005	0.006	0.006	0.006	0.001
Dichloromethane	0.028	0.217	0.031	0.024	0.124
Trichlorotrifluoroethane	0.077	0.077	0.079	0.074	0.071
1,1Dichloroethane	0.006	0.007	0.007	0.006	0.002
Methyl Tert Butyl Ether	0.006	0.007	0	0.006	0.002
trans 1,2Dichloroethylene	0.005	0.007	0.006	0.004	0.001
Chloroform	0.026	0.055	0.026	0.022	0.027
1,2Dichloroethane	0.013	0.017	0.013	0.011	0.016
1,1,1Trichloroethane	0.009	0.011	0.009	0.009	0.008
Benzene	0.038	0.272	0.084	0.039	0.203
Carbon Tetrachloride	0.082	0.085	0.087	0.084	0.082
1,2Dichloropropane	0.01	0.01	0.01	0.007	0.004
Bromodichloromethane	0.006	0.008	0.009	0.006	0.002
Trichloroethylene	0.005	0.017	0.01	0.005	0.006
cis1,3Dichloropropylene	0.01	0.006	0.009	0.006	0.001
trans1,3Dichloropropylene	0.008	0.008	0.008	0.007	0.001
1,1,2Trichloroethane	0.005	0.004	0.002	0.003	0.001
Toluene	0.073	2.683	0.135	0.058	0.315
1,2Dibromoethane	0.005	0.006	0.007	0.005	0.001
Tetrachloroethylene	0.012	0.14	0.028	0.009	0.029
Chlorobenzene	0.01	0.021	0.01	0.007	0.006
Ethylbenzene	0.016	0.135	0.025	0.018	0.039
m,pXylene	0.041	0.341	0.072	0.049	0.161
Styrene	0.014	0.02	0.037	0.011	0.022
1,1,2,2Tetrachloroethane	0.007	0.004	0	0.006	0.001
oXylene	0.02	0.146	0.039	0.026	0.062
1,3,5Trimethylbenzene	0.01	0.021	0.016	0.01	0.014
1,2,4Trimethylbenzene	0.019	0.08	0.025	0.018	0.049
aChlorotoluene	0.012	0.013	0.016	0.013	0.002
1,3Dichlorobenzene	0.007	0.005	0.007	0.007	0.001
1,4Dichlorobenzene	0.01	0.053	0.011	0.01	0.014
1,2Dichlorobenzene	0.009	0.011	0.014	0.009	0.002
1,2,4Trichlorobenzene	0.01	0.019	0.014	0.014	0.004
Hexachloro1,3Butadiene	0.008	0.009	0.009	0.008	0.002
Acrolein	0.113	0.187	0.165	0.097	
Carbon Disulfide	0.006	0.015	0.013	0.015	
Naphthalene	0.028	0.06	0.042	0.028	



* Did not specify a.m. or p.m.

** Statewide 24-hour averages for 2015