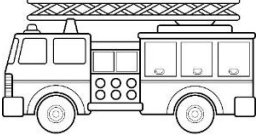


FIRE DEPARTMENT SERVICE ANNOUNCEMENT

Bulletin #31, Finished Foam Application % for Aqueous Film Forming Foam (AFFF)

July 23, 2021

<i>Item</i>	<i>Delivery System</i>	<i>Amount of C6 AFFF Concentrate</i>	<i>C6 AFFF use by percentage (%)</i>	<i>C6 AFFF Finished Foam (gallons)</i>
	Fire Apparatus	30 Gallons	3%	1,000
			1%	3,000
			0.5%	6,000
			.4%	7,500
			.3%	10,000
			.2%	15,000
			.1%	30,000

Decreasing the percentage equals increasing the amount of finished foam. The use of PFAS containing firefighting foams creates contaminated plume areas because of the finished foam spreading into water, air and soil.¹

¹ MLIVE Michigan, 'They brought the poison.' Air Force refuses to own PFAS around Oscoda, Garret Ellison, Updated Jul 07, 2021, Posted May 26, 2021, <https://www.mlive.com/public-interest/2021/05/they-brought-the-poison-air-force-refuses-to-own-pfas-around-oscoda.html>; Michigan.gov, Michigan PFAS Action Response Team, Former Wurtsmith Air Force Base, Iosco County, Last Updated: My 26, 2021, https://www.michigan.gov/pfasresponse/0,9038,7-365-86511_82704_83952---00.html; Wisconsin Department of Natural Resources, PFAS Contamination in the Marinette and Peshtigo Area, <https://dnr.wisconsin.gov/topic/PFAS/Marinette.html>; WUWM: Environmental Reporting, PFAS Chemicals Pose A Continued Threat To Water In Northeast Wisconsin, Susan Bence, April 19, 2021, <https://www.wuwm.com/2021-04-19/pfas-chemicals-pose-a-continued-threat-to-water-in-northeast-wisconsin>



Photo by Maria Powell, Midwest Environmental Justice Organization

The Madison, Wisconsin Fire Department at the ATC transformer fires, July 19, 2019.