

# Lower Eastern Shore Air Monitoring Project - November 2021 Summary

## November 2021 Data Summary for NH<sub>3</sub>

**MDE 1-hour screening level = 350 ppb**

Parameter	Site	Average hourly value (ppb)	Median hourly value (ppb)	Maximum hourly value (ppb)	Minimum hourly value (ppb)
NH <sub>3</sub>	Oldtown* (Urban, no poultry operations)	8.1	7.2	27.1	1.5
	Princess Anne (Low poultry operation density)	2.4	2.4	7	0.6
	Pocomoke City (High poultry operation density)	9.8	6.6	138.7	0.6

## November 2021 Data Summary for PM<sub>2.5</sub>

**NAAQS PM<sub>2.5</sub> 24-hour standard = 35 µg/m<sup>3</sup>**

Parameter	Site	Average 24-hr value (µg/m <sup>3</sup> )	Median 24-hr value (µg/m <sup>3</sup> )	Maximum 24-hr value (µg/m <sup>3</sup> )	Minimum 24-hr value (µg/m <sup>3</sup> )
PM <sub>2.5</sub>	Oldtown (Urban, no poultry operations)	7.8	7.2	24.6	2.2
	Princess Anne (Low poultry operation density)	7	6.1	14.4	3.2
	Pocomoke City (High poultry operation density)	6.9	6.4	13.3	3.5

## November 2021 Data Summary for PM<sub>10</sub>

**NAAQS PM<sub>10</sub> 24-hour standard = 150 µg/m<sup>3</sup>**

Parameter	Site	Average 24-hr value (µg/m <sup>3</sup> )	Median 24-hr value (µg/m <sup>3</sup> )	Maximum 24-hr value (µg/m <sup>3</sup> )	Minimum 24-hr value (µg/m <sup>3</sup> )
PM <sub>10</sub>	Oldtown (Urban, no poultry operations)	NA	NA	NA	NA
	Princess Anne (Low poultry operation density)	12.5	10.7	28.1	7.4
	Pocomoke City (High poultry operation density)	14.3	13.4	30.2	8.2

\* As of November 19, 2021, the Oldtown NH<sub>3</sub> analyzer has been moved to Baltimore County Near Road station. BCNR data will be available for December.

NAAQS: National Ambient Air Quality Standards