

# Lower Eastern Shore Air Monitoring Project - September 2021 Summary

## September 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)	6.7	6.5	13.4	2.9
	Princess Anne (Low poultry operation density)	2.6	1.9	16.2	-1
	Pocomoke City (High poultry operation density)	10.4	8.1	71.6	1.3

## September 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)	6.9	6.1	18.5	2.7
	Princess Anne (Low poultry operation density)	7	6	16.4	4.2
	Pocomoke City (High poultry operation density)	6.4	5.6	13.5	4.1

## September 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)	14.5	13.2	29.1	8.9
	Pocomoke City (High poultry operation density)	13.7	12.8	29.7	9.7

NAAQS: National Ambient Air Quality Standards