

# Lower Eastern Shore Air Monitoring Project - January 2022 Summary

## January 2022 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>	Baltimore Co. NR (Urban, no poultry operations)	4	3.6	16.3	-1.1
	Princess Anne (Low poultry operation density)	4.1	4	12.1	1
	Pocomoke City (High poultry operation density)	4.3	3.3	45.9	-0.5

## January 2022 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>	Lake Montebello* (Urban, no poultry operations)	10.4	10	18.2	4.5
	Princess Anne (Low poultry operation density)	7.9	7.3	14.5	3.4
	Pocomoke City (High poultry operation density)	6	6	11.1	2.8

## January 2022 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>	Princess Anne (Low poultry operation density)	12	11.8	20.1	5.4
	Pocomoke City (High poultry operation density)	9.5	9	16.7	4.6

\* During January 2022, PM<sub>2.5</sub> was moved from Oldtown (closed) to Lake Montebello.

NAAQS: National Ambient Air Quality Standards