

## Lower Eastern Shore Air Monitoring Project - July 2021 Summary

### July 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	6.6	12.3	3
	Princess Anne (Low poultry operation density)	1.7	1.6	4.6	0.6
	Pocomoke City (High poultry operation density)	8.5	7.3	73	3.5

### July 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)	11.3	10	28.7	2.6
	Princess Anne (Low poultry operation density)	12.9	11	36	5.9
	Pocomoke City (High poultry operation density)	10.4	9.7	33.7	5

### July 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)	20.5	18.8	46.8	12.2
	Pocomoke City (High poultry operation density)	18.4	17.4	46.2	11.5

NAAQS: National Ambient Air Quality Standards