

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

### June 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)	7.6	7.6	15.9	1.1
	Princess Anne (Low poultry operation density)	2.7	2.5	8.6	0.8
	Pocomoke City (High poultry operation density)	10.7	9.3	48.3	3

### June 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)	6.6	5.8	12	3.8
	Princess Anne (Low poultry operation density)	7.6	6.3	15.3	4.1
	Pocomoke City (High poultry operation density)	7.2	6.4	15.1	4

### June 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)	15.3	14.4	25.1	9.1
	Pocomoke City (High poultry operation density)	15.6	14.4	25.6	9.9

NAAQS: National Ambient Air Quality Standards