

## Lower Eastern Shore Air Monitoring Project – May 2026 Summary

### May 2026 Data Summary for NH<sub>3</sub> (MDE 1-hour screening level = 350 ppb)

Site	Average hourly value (ppb)	Median hourly value (ppb)	Maximum hourly value (ppb)	Minimum hourly value (ppb)	% complete
Baltimore Co. NR (Urban, no poultry operations)	6.4	6.4	16.8	1	90
Princess Anne (Low poultry operation density)	4	3.9	9.2	1.1	78
Pocomoke City (High poultry operation density)	12.2	10.7	57.4	1.8	95

### May 2026 Data Summary for PM<sub>2.5</sub> (NAAQS\* PM<sub>2.5</sub> 24-hour standard = 35 µg/m<sup>3</sup>)

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> )	% complete
Lake Montebello** (Urban, no poultry operations)	5.6	5.6	11	1.1	87
Princess Anne (Low poultry operation density)	4	3.4	9.5	0.9	71
Pocomoke City (High poultry operation density)	4.2	3.6	10	1.2	100

### May 2026 Data Summary for PM<sub>10</sub> (NAAQS\* PM<sub>10</sub> 24-hour standard = 150 µg/m<sup>3</sup>)

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> )	% complete
Lake Montebello** (Urban, no poultry operations)	NA	NA	NA	NA	NA
Princess Anne (Low poultry operation density)	6	5.6	13.2	1	71
Pocomoke City (High poultry operation density)	6.7	6.2	14.2	1.7	100

\* NAAQS: National Ambient Air Quality Standards

\*\* PM<sub>2.5</sub> and PM<sub>10</sub> measurements began at Lake Montebello in January 2022, where PM<sub>2.5</sub> measurements are obtained with a continuous MetOne BAM1020 and PM<sub>10</sub> measurements are taken using an FRM manual filter method. Data are included in the project-to-date summaries. Preliminary data - subject to change.