

# Lower Eastern Shore Air Monitoring Project - October 2020 Summary

## October 2020 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)	6.4	6.3	16.4	2.3
	Horn Point (Rural, no poultry operations)	2.0	2.0	6.6	0.8
	Princess Anne (Low poultry operation density)	4.5	3.5	20.7	0.0
	Pocomoke City (High poultry operation density)	12.5	8.0	160.6	0.6

## October 2020 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)	5.4	5.3	11.1	1.4
	Horn Point (Rural, no poultry operations)	3.0	3.3	9.1	-1
	Princess Anne (Low poultry operation density)	6.0	5.3	13.4	2.1
	Pocomoke City (High poultry operation density)	5.8	5.0	12.1	2.4

## October 2020 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
	Horn Point (Rural, no poultry operations)	NA	NA	NA	NA
	Princess Anne (Low poultry operation density)	12.5	12.1	23.9	4.3
	Pocomoke City (High poultry operation density)	12.8	12.6	22.5	5.0

NAAQS: National Ambient Air Quality Standards