

## LES Air Monitoring Project Summary - April through June 2020

### April - June 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)	6.3	6.3	24.2	0.7
	Horn Point (Rural, no poultry operations)	2.6	2.6	9.4	0.5
	Princess Anne (Low poultry operation density)	6.7	5.8	23.2	1.6
	Pocomoke City (High poultry operation density)	9.5	7.8	75.6	1.4

### April - June 2020 Data Summary for PM<sub>2.5</sub>

**NAAQS PM<sub>2.5</sub> 24-hour standard = 35 ug/m<sup>3</sup>**

Parameter	Site	Average 24 hour value (ug/m <sup>3</sup> )	Median 24 hour value (ug/m <sup>3</sup> )	Maximum 24 hour value (ug/m <sup>3</sup> )	Minimum 24 hour value (ug/m <sup>3</sup> )
PM <sub>2.5</sub>	Oldtown (Urban, no poultry operations)	5.3	5.2	12.1	1.1
	Horn Point (Rural, no poultry operations)	4	3.7	10	0.5
	Princess Anne (Low poultry operation density)	7	6.7	17.6	2.9
	Pocomoke City (High poultry operation density)	6.7	6.6	15.6	2.8

### April - June 2020 Data Summary for PM<sub>10</sub>

**NAAQS PM<sub>10</sub> 24-hour standard = 150 ug/m<sup>3</sup>**

Parameter	Site	Average 24 hour value (ug/m <sup>3</sup> )	Median 24 hour value (ug/m <sup>3</sup> )	Maximum 24 hour value (ug/m <sup>3</sup> )	Minimum 24 hour value (ug/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)	13	13	30	5
	Pocomoke City (High poultry operation density)	13	12	29	5