

## LES Air Monitoring Project - August 2020 Summary

### August 2020 Data Summary for NH3

**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)
NH3	Oldtown (Urban, no poultry operations)	6.7	6.6	11.7	3.2
	Horn Point (Rural, no poultry operations)	2.2	2.2	5.3	0.8
	Princess Anne (Low poultry operation density)	3.4	3.2	11.3	1.2
	Pocomoke City (High poultry operation density)	13.7	9.7	104.5	2.1

### August 2020 Data Summary for PM2.5

**NAAQS PM2.5 24 hour standard = 35 ug/m3**

Parameter	Site	Average 24 hour value (ug/m3)	Median 24 hour value (ug/m3)	Maximum 24 hour value (ug/m3)	Minimum 24 hour value (ug/m3)
PM2.5	Oldtown (Urban, no poultry operations)	4.9	5.1	9.1	0.8
	Horn Point (Rural, no poultry operations)	4.2	4.5	7.6	0.8
	Princess Anne (Low poultry operation density)	8	8	12.6	4.7
	Pocomoke City (High poultry operation density)	7.6	7.6	11.8	4.3

### August 2020 Data Summary for PM10

**NAAQS PM10 24 hour standard = 150 ug/m3**

Parameter	Site	Average 24 hour value (ug/m3)	Median 24 hour value (ug/m3)	Maximum 24 hour value (ug/m3)	Minimum 24 hour value (ug/m3)
PM10	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)	17	16	35	10
	Pocomoke City (High poultry operation density)	16	15	29	9