

LES Air Monitoring Project - April 2020 Summary

April 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)	5.2	4.8	15.2	1
	Horn Point (Rural, no poultry operations)	1.8	1.8	5.7	0.5
	Princess Anne (Low poultry operation density)	10.3	10.2	23.2	4
	Pocomoke City (High poultry operation density)	8.1	6.2	75.6	1.4

April 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)	4.6	4.7	8.5	1.1
	Horn Point (Rural, no poultry operations)	3.9	4.1	7.8	1
	Princess Anne (Low poultry operation density)	6.4	7.1	11	2.9
	Pocomoke City (High poultry operation density)	6.5	6.8	11.9	2.9

April 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)	11	11	20	5
	Pocomoke City (High poultry operation density)	13	13	29	7