Appendix C

Nitrogen Dioxide, Nitrogen Oxide, and Total Reactive Nitrogen Monitoring Requirements

Texas Commission on Environmental Quality
2018 Annual Monitoring Network Plan

Appendix C: Nitrogen Dioxide, Nitrogen Oxide, and Total Reactive Nitrogen Monitoring Requirements

Core Based Statistical Areas	2017 Population Estimates[1]	Required NO_2 Area-Wide Monitors	Required NO_2 RA-40 Monitors	Required NO_2 Near-Road Monitors	Required NO_2 PAMS Monitors	Required NO_y PAMS/NCore Monitors	Required NO PAMS/NCore Monitors	Total Required NO, NO_2, and NO_y Monitors	Total Existing NO/NO_2 and NO_y Monitors[2]
Dallas-Fort Worth-Arlington	7,399,662	1	1	2	1	1	1	7	15
Houston-The Woodlands-Sugar Land	6,892,427	1	1	2	1	1	1	7	19
San Antonio-New Braunfels	2,473,974	1	0	1	0	0	0	2	3
Austin-Round Rock	2,115,827	1	0	1	0	0	0	2	2
McAllen-Edinburg-Mission	860,661	0	0	0	0	0	0	0	0
El Paso	844,818	0	1	0	0	1	1	3	4
Corpus Christi	454,008	0	0	0	0	0	0	0	0
Killeen-Temple	443,773	0	0	0	0	0	0	0	1
Brownsville-Harlingen	423,725	0	0	0	0	0	0	0	0
Beaumont-Port Arthur	412,437	0	1	0	0	0	0	1	4
Lubbock	316,983	0	0	0	0	0	0	0	0
Laredo	274,794	0	0	0	0	0	0	0	0
Waco	268,696	0	0	0	0	0	0	0	0
Amarillo	264,925	0	0	0	0	0	0	0	0
College Station-Bryan	258,044	0	0	0	0	0	0	0	0
Tyler	227,727	0	0	0	0	0	0	0	1
Longview	217,481	0	0	0	0	0	0	0	1
Midland	170,675	0	0	0	0	0	0	0	0
Abilene	170,219	0	0	0	0	0	0	0	0
Odessa	157,087	0	0	0	0	0	0	0	0
Wichita Falls	151,230	0	0	0	0	0	0	0	0
Texarkana	150,355	0	0	0	0	0	0	0	0
Sherman-Denison	131,140	0	0	0	0	0	0	0	0
San Angelo	119,535	0	0	0	0	0	0	0	0
Victoria	99,646	0	0	0	0	0	0	0	0
Marshall*	66,661	0	0	0	0	0	0	0	1
Totals		**4**	**4**	**6**	**2**	**3**	**3**	**22**	**51**

[1]United States Census Bureau population estimates as of July 1, 2017.

[2]Monitors may fulfill multiple monitoring requirements but are only counted once.

*Area is classified as a micropolitan statistical area and not subject to SLAMS requirements.

PAMS - Photochemical Assessment Monitoring Stations

NCore - National Core Multipollutant Monitoring Stations

RA-40 - Regional Administrator 40

NO - nitrogen oxide

NO_2 - nitrogen dioxide

NO_Y - total reactive nitrogen compounds