

# Appendix E

## Sulfur Dioxide Ongoing Data Requirements Annual Report

Texas Commission on Environmental Quality  
2018 Annual Monitoring Network Plan



## Appendix E: Sulfur Dioxide Ongoing Data Requirements Annual Report

As required by 40 Code of Federal Regulations (CFR) Part 51.1205(b), this report provides the Texas Commission on Environmental Quality's (TCEQ) annual assessment of sulfur dioxide (SO<sub>2</sub>) emissions changes for areas designated unclassifiable/attainment for the 2010 SO<sub>2</sub> National Ambient Air Quality Standard (NAAQS), where the designations were based on modeling actual SO<sub>2</sub> emissions.

For the eight Texas counties currently designated unclassifiable/attainment for the 2010 SO<sub>2</sub> NAAQS, seven were designated based on modeled actual SO<sub>2</sub> emissions. The eighth, McLennan County, is described below. Table 1 provides the most recent (2016) quality assured data available showing total estimated SO<sub>2</sub> emissions from relevant sources in each of these seven counties. The table includes emissions from previous years (2014 and 2015) and the change in SO<sub>2</sub> emissions from 2014 to 2016. The emissions decrease in each of these counties provides reasonable assurance that these sources continue to meet the 2010 one-hour SO<sub>2</sub> primary NAAQS based on the modeling previously conducted. The TCEQ recommends that no additional modeling is needed to characterize SO<sub>2</sub> air quality in any of the seven Texas counties listed in Table 1.

McLennan County, Texas was designated unclassifiable/attainment for the 2010 SO<sub>2</sub> NAAQS based on modeled allowable SO<sub>2</sub> emissions from the Sandy Creek Energy Station. Pursuant to 40 CFR 51.1205(c), this area is not subject to ongoing data requirements, and Texas is not required to report future annual SO<sub>2</sub> emissions assessments for McLennan County because allowable emissions were used for the modeling.

**Table 1: 2014 to 2016 Emission Comparison**

County	Relevant Source	2014 SO <sub>2</sub> (tpy)	2015 SO <sub>2</sub> (tpy)	2016 SO <sub>2</sub> (tpy)	Difference 2014 to 2016
Atascosa	San Miguel Electric Plant	6,909.49	5,520.56	6,814.70	-94.79
Fort Bend	W.A. Parish Electric Generating Station	43,980.80	42,689.83	34,137.14	-9,843.66
Goliad	Coletto Creek Power Station	16,934.04	8,261.10	8,231.20	-8,702.84
Lamb	Tolk Station Power Plant	16,752.94	16,080.38	14,968.25	-1,784.69
Limestone	Limestone Electric Generating Station	27,862.28	17,218.49	20,829.73	-7,032.54
Robertson	Twin Oaks Power Station	5,761.77	4,493.91	3,186.50	-2,575.27
Wilbarger	Oklaunion Power Station	3,505.80	1,479.70	1,529.80	-1,976.00

SO<sub>2</sub> - sulfur dioxide  
tpy - tons per year