



TODD STIGGINS^{PE}

Title

Solid Waste Engineer

Licenses/Certifications

Professional Engineer I TX, NM, AR, OK

Years of Experience

15

Education

Bachelor of Science
Agricultural Engineering
Texas A&M University
2006

Bachelor of Science
Agricultural Systems Management
Texas A&M University
2005

Todd Stiggins is a Project Manager for Municipal Solid Waste in PSC's Public Works Sector. His experience includes engineering design and construction services for over 150 acres of MSW landfill liner, final cover, and capital improvement projects in Texas and Oklahoma, including management of project scope, schedule, and budget totaling in excess of \$50 million. Additionally, he has performed geotechnical engineering analyses for landfill waste management units and developed Site Operating Plans, Landfill Gas Management Plans, and Erosion and Sediment Control Plans.

Mr. Stiggins has experience in state and federal air permitting and regulatory compliance reporting for landfills and petroleum storage facilities. He has performed dispersion modeling using Industrial Source Complex — Short-Term v.3 (ISC-ST3) using data collected during on-site sampling events to derive AP-42 emission factors for normal operations at agricultural facilities. He has collected data and calculated emissions estimates for Benzene New and Existing Source Hazardous Air Pollutants (NESHAPs) at a Texas oil refinery.

Papers

Stiggins, T.E., C.B. Parnell, Jr., R.E. Lacey, and B.W. Shaw. 2002. Errors Associated with Time Average Concentrations in Gaussian Modeling. *Proceedings of the 2002 Beltwide Cotton Conferences*, National Cotton Council, Nashville, TN.

Wang, L., J.D. Wanjura, T.E. Stiggins, C.B. Parnell, R.E. Lacey and B.W. Shaw. 2002. Evaluation of PM₁₀ Pre-separator for Low-volume Sampling. *Proceedings of 2002 Beltwide Cotton Conferences*, National Cotton Council, Nashville, TN.

Professional Affiliations

- Member - Solid Waste Association of North America
- Member - Texas Lone Star Chapter of SWANA

Relevant Experience

- Waste Management
- Republic Services
- B.P.
- Kinder Morgan
- DCP Midstream
- Basic Energy Services
- Center for Agricultural Air Quality Engineering and Science
- City of Lubbock
- City of San Angelo
- C.K. Disposal, LLC.
- Cactus Reclamation Services, Inc.
- City of Amarillo
- City of Big Spring
- City of Brownfield
- City of Denton
- City of Dumas
- City of El Paso
- City of Lamesa
- City of Levelland
- City of Memphis
- City of Midland
- City of Muleshoe
- City of Odessa
- City of Panhandle
- City of Plainview
- City of Post
- Glasscock County
- Sandoval County Public Works Department