

# Professional Record

## Professional Synopsis:

Mr. Misenheimer focused his undergraduate studies on the fields of Environmental Issues and Statistics. Mr. Misenheimer also supplemented his studies with training in Geographic Information Science (GIS).

Mr. Misenheimer has worked on a variety of projects as an Environmental Scientist and a GIS specialist. He has performed flood inundation modeling and flood plain mapping. Mr. Misenheimer has participated in the modeling of large water/wastewater systems and has conducted regression analysis to predict forest fires for the US Forestry Service. Mr. Misenheimer has supported several dam engineering design projects.

Mr. Misenheimer has experience with NCDENR's Old Unlined Landfill Assessment project. Mr. Misenheimer was responsible for locating, mapping, and performing site assessments for over 70 of these landfills. More of his duties included conducting interviews, report writing, and scheduling.

While at RSG, Mr. Misenheimer has become experienced with landfill methane greenhouse gas projects to bring credits to the market through the Chicago Climate Exchange (CCX) and the Climate Action Reserve (CAR). Mr. Misenheimer has assisted in the completion of a methane avoidance (through composting) project report. Participating in the CCX Compost Protocol review, Mr. Misenheimer created a model, using CCX equations, to calculate avoided methane emissions. Mr. Misenheimer has assisted in the completion of a methane avoidance (through composting) project report. He has also become involved with LFGTE projects. Mr. Misenheimer is currently assisting with the ANSI GHG Accreditation process.

Mr. Misenheimer has performed NPDES permitting updates, Spill Prevention, Control & Countermeasure (SPCC) Plan updates, and Spill/SLUG Discharge Control Plan writing. Mr. Misenheimer has assisted in the permitting of new landfill facilities and transfer stations, and has prepared Permit to Construct Applications for various landfill sites.

Mr. Misenheimer is currently managing compliance of three (3) sites for methane migration and Title V compliance, including landfill gas plume delineation and emissions inventories, SSM compliance, and landfill gas generation estimates.

Mr. Misenheimer is experienced in a variety of fieldwork including air quality investigations, Tier 2 sampling, surface emission monitoring, landfill gas siloxane testing, sampling with various protocols, site assessments, water and soil sampling, gas and water well drilling, and groundwater bio-enhancement/ injection.

## Don Misenheimer Project Scientist

### Academic Credentials:

B.S. Environmental Statistics, 2005  
North Carolina State University, Raleigh

### Employment Record:

2008-Present - Richardson Smith Gardner &  
Associates  
2007-2008 - McKim & Creed P.A.  
2006-2007 - Schnabel Engineering  
2005-2006 - NCSU Dept. Of Statistics

### Professional Training:

CAR Project Verifier Training – Livestock and Landfill  
Project Protocols  
Asbestos Inspector Training  
OSHA 40 Hour Health and Safety Training

### Principal Areas of Expertise:

Environmental Testing/ Modeling  
Site Assessments/ Site Mapping  
Solid Waste Permitting  
Carbon Verification  
LFG Management

### Memberships:

SWANA  
NAEP