

ANDREW G. ARD, E.I.T.  
Senior Staff Engineer

## Education

MS - Texas Tech University, 2014  
BS - Environmental Engineering, Texas Tech University, 2014

## Professional Licenses

Engineer-in-Training – Texas.

## Professional Experience

Managed/completed a broad range of projects including gas system design, construction-phase services, and air or solid waste permitting. The following is a partial listing of representative projects:

### **New Source Performance Standards Work (NSPS)**

- Performed several Tier 2 sampling and analyses in Texas, Louisiana, and New Mexico. Has prepared sampling plans and subsequent reports for analyses.
- Prepared GCCS Design Plans for multiple public and private landfills in Texas, including plans incorporating an existing gas system. Each plan included requests for various NSPS flexibilities.

### **Title V Operating Permit Work**

- Prepared dozens of Title V certification and deviation report forms and became familiar with requirements.
- Assisted in recertification of several Title V GOP permits for Texas landfills. Reviewed final documents regarding proper filing of forms, regulatory applicability, and overall completeness.

### **Gas Collection and Control System Design and Construction-phase Services**

- Prepared landfill gas system expansion plans for over twelve landfills, including five which entailed the development of full set of plans and specifications for the facility.
- Managed the construction-phase services and/or CQA services for the installation of GCCS' in Texas, New Mexico, and Louisiana.

### **Solid Waste Permitting**

- Assisted with siting and preparation of permit documents for transfer station permit application in Texas.

### **Other Air-Related Compliance Rules**

- Has performed emissions inventory and fee work for many landfills, including landfills of various sizes, climates and gas control systems.