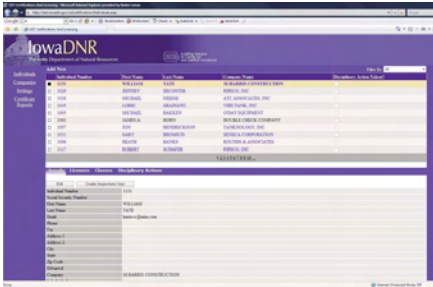


# PROJECT SPOTLIGHT | WEB-BASED UNDERGROUND STORAGE TANK CERTIFICATION DATABASE - IOWA DEPARTMENT OF NATURAL RESOURCES - DES MOINES, IOWA

## SCOPE OF PROJECT

The legislative mandate which established the requirement for third-party underground storage tank (UST) inspectors required the Iowa Department of Natural Resources (IDNR) to develop a comprehensive and expandable system for management of inspector certification data. The certifications database would retain information regarding training, violations, debarments, specific skill training, and continuing education credits.

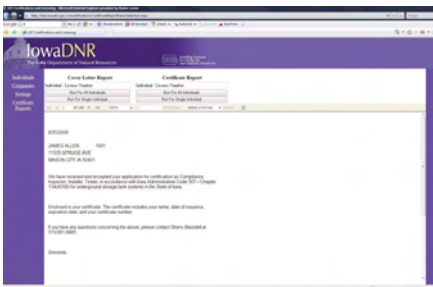


## IMPLEMENTATION

**BARKER LEMAR** facilitated a needs assessment session with IDNR stakeholders to define the long-term goals and workflow for the project. **BARKER LEMAR** personnel reviewed the various requirements for a UST inspector to earn and maintain their certifications, as well as track violations an inspector could incur.



Constant communication throughout the development process between **BARKER LEMAR** and IDNR personnel were required to resolve application schema and functionality. The procedural knowledge of the UST inspection process **BARKER LEMAR** possesses aided in the resolution of application issues and expedited delivery of the product.



As a security measure, user levels were established to prevent unauthorized access or modification of the certifications data. Since the delivered products are housed on the IDNR servers, **BARKER LEMAR** has developed a versioning system to track the application deployment.

## SERVICES

Custom programming; web-based application development; custom report development.

## TIMELINE

Project Start Date: November 2006

Project Completed: August 2008