

Industrial and High Risk Storm Water Pollution Prevention Inspections

Albuquerque, New Mexico

CLIENT

City of Albuquerque

HIGHLIGHTS

- Performed hundreds of IDDE inspections
- Used GIS to conduct investigations
- Constructed program QAPP
- Sampled substantial illicit discharges to characterize non-storm water discharges

DBS&A has provided the City with a variety of services in support of the Industrial and High Risk Runoff Inspection Program. These include database and geographical information system (GIS) services to update the City's Industrial and High Risk Facilities report. This report contains the list and maps of industrial and high risk facilities in Albuquerque that are required to have an industrial stormwater permit, and determined priority areas where illicit discharges may be likely.

Inspection data and 311 data collected by the City were also integrated into the delivered database and maps. Following report completion, DBS&A developed procedures for the City's Illicit Discharge Detection and Elimination (IDDE) Program Implementation, including construction of the program quality assurance project plan (QAPP).

DBS&A has performed numerous investigations in support of the City's IDDE program. In 2017, the City enacted the IDDE inspection program to help commercial and industrial facilities implement and maintain best management practices (BMPs) that minimize the discharge of pollutants into the municipal storm sewer system, which flows to the Rio Grande. DBS&A performed IDDE inspections of over 400 commercial auto repair facilities not currently covered by the National Pollutant Discharge Elimination System (NPDES) storm water Multi-Sector General Permit (MSGP).

The inspection program was expanded to include additional high risk categories, such as small engine equipment repair and carpet cleaning facilities. The inspections included a review and documentation of the general housekeeping and pollution prevention procedures, including spill prevention, and the proper storage and disposal of materials and waste. DBS&A has also assisted City in staff IDDE training programs and organizing documentation for annual reporting to the U.S. Environmental Protection Agency (EPA.) DBS&A is also under contract with the City to sample substantial illicit discharges to characterize non-storm water discharges.



The IDDE inspection program helps commercial and industrial facilities implement and maintain BMPs that minimize the discharge of pollutants into the municipal storm sewer system.