



FORMER GASOLINE FACILITY

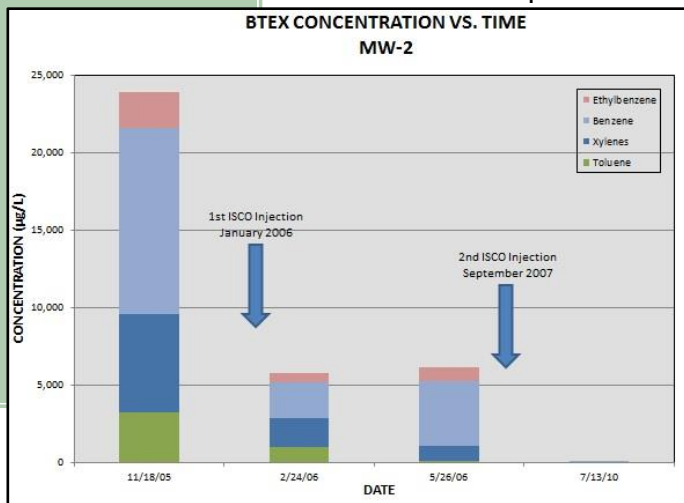
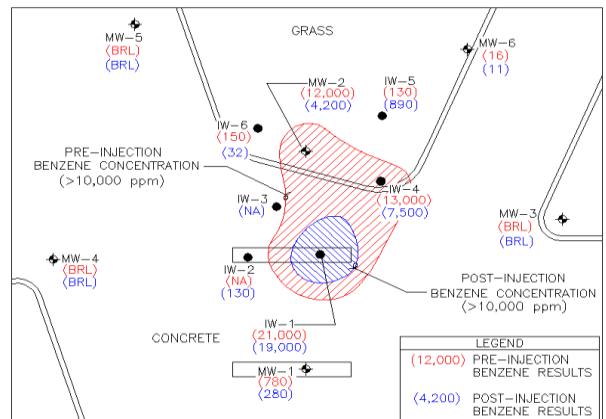
Macon, GA

Contaminants:
BTEX

Treatment:
ISCO injections
using CHP and
persulfate

Site Status:
NFA (2012)

- The site is a former gasoline facility with a release of BTEX. In October 2005, five USTs, two dispenser islands, and the associated piping were removed. After removal of the UST system, the property was re-paved and converted for use as a car rental/sales business.
- Site contained southern Piedmont saprolite (sandy-clay followed by micaceous sandy-silts or silty-sand saprolite). The depth to groundwater ranged from 12-16 feet bgs. The site was located in a Higher Groundwater Pollution Susceptibility Area
- The 1st injection in 2006 utilized CHP (modified Fenton's) and concentrations were reduced by an order of magnitude. In 2007, approx. 1,200 gallons of activated persulfate and CHP was used which generated an aggressive oxidant reaction in the subsurface which was sustained over a longer time frame than the use of CHP alone. A final CHP/persulfate treatment was performed in May 2011.



Post injection sampling was conducted in January 2007, July 2011, and June 2011 which showed benzene concentrations were to levels below ACLs. A No Further Action (NFA) letter was received in April 2012.