



ALLIANT ENERGY NECEDAH GAS MAIN

JUNEAU COUNTY, WI

NATURAL GAS DISTRIBUTION

Montgomery Associates assisted Alliant Energy on environmental issues for constructing a new 10.5 mile 6-inch steel gas main to serve an ethanol plant located in the Town of Necedah. The project was regulated by the Public Service Commission of Wisconsin (PSCW). MARS, along with Natural Resources Consulting, developed the environmental sections of the project application to PSCW.



Image from environmental base maps showing pipeline route, installation type, and natural resource features

MARS also prepared an erosion control plan and permit application materials for submittal to Wisconsin DNR. Working with Alliant Energy's contractor, MARS identified areas where the gas main would be installed using open cut trenching or horizontal directional drilling. With this information and the field delineated wetland and waterway locations inventoried by Natural Resources Consulting, MARS used GIS to create environmental base maps for the construction team to effectively implement the erosion control plan and minimize potential impacts to sensitive environmental resources.

During construction, MARS provided assistance to the project team in evaluating implementation of the erosion control plan, recommending suppliers, and coordination with Wisconsin DNR.



Typical trenching operations along state highway

Client

Alliant Energy
4902 N. Biltmore Ln.
Madison, WI 53707
Contacts: Dana Halverson
(608) 458-3495

Project Manager

Ben Nelson.

Collaborators

Natural Resources Consulting, Inc.
(Cottage Grove, WI)

Project Schedule

2006-2007