

# HYDRAULIC ANALYSIS

## WHITESIDE, LEE & BUREAU COUNTIES



### *Project Description*

CLIENT: Mainstream Energy

LOCATION: Whiteside, Lee & Bureau Counties

PROJECT MGR: Russ Renner, S.E., P.E.

COMPLETED: 2011

DESCRIPTION: Wendler was contracted to determine the base flood elevation for properties located within the FEMA flood zone throughout the proposed wind farm development area. Through the use of public data and field surveys Wendler generated a surface model for the area and performed hydraulic analysis throughout the watershed to generate a site-specific base flood elevation map to assist with the process of locating proposed wind turbine sites.



### *Services Provided*

**SURVEYING**

**HYDRAULIC ANALYSIS**

**SUMMARY REPORT**

**wendler**

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