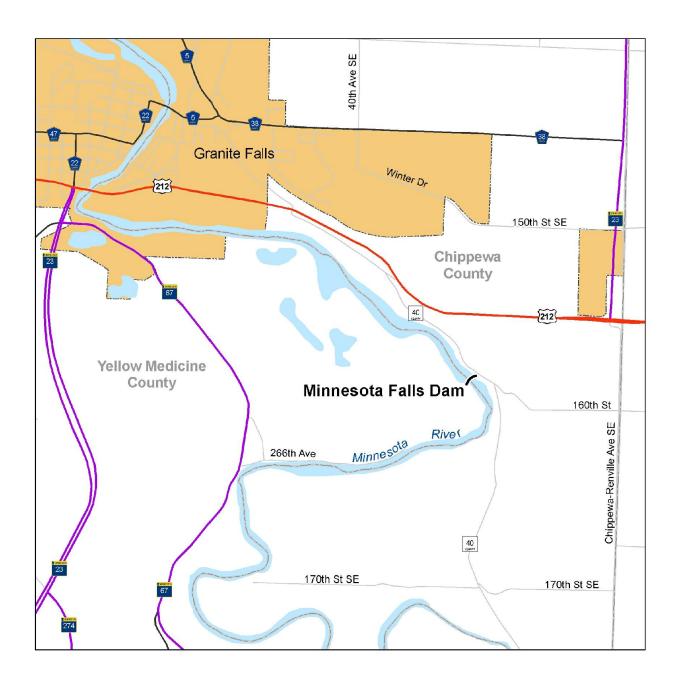
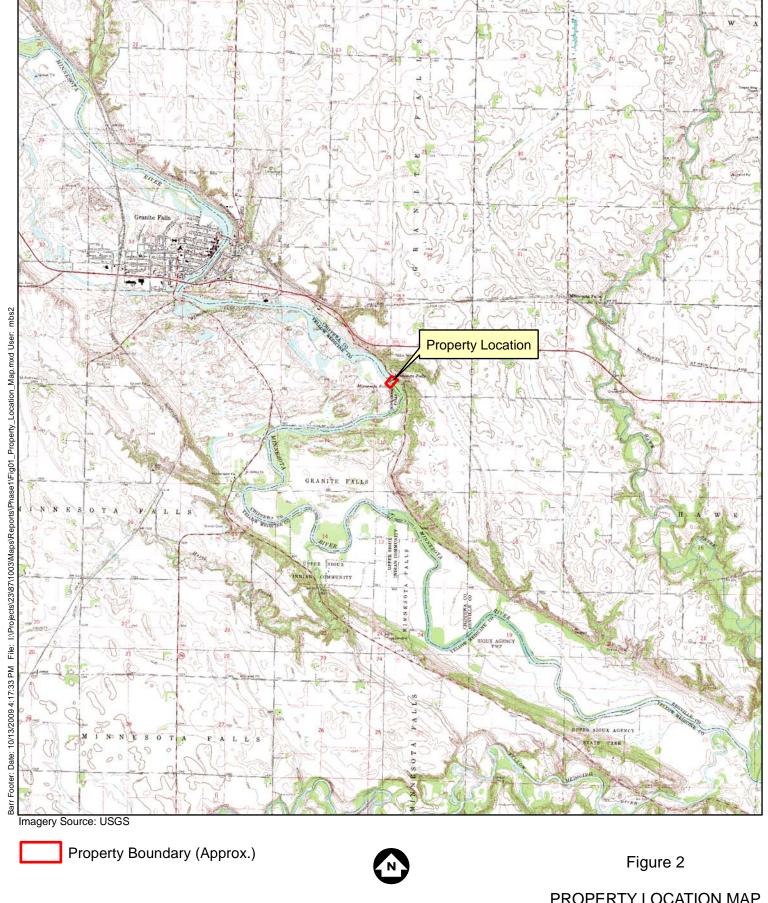
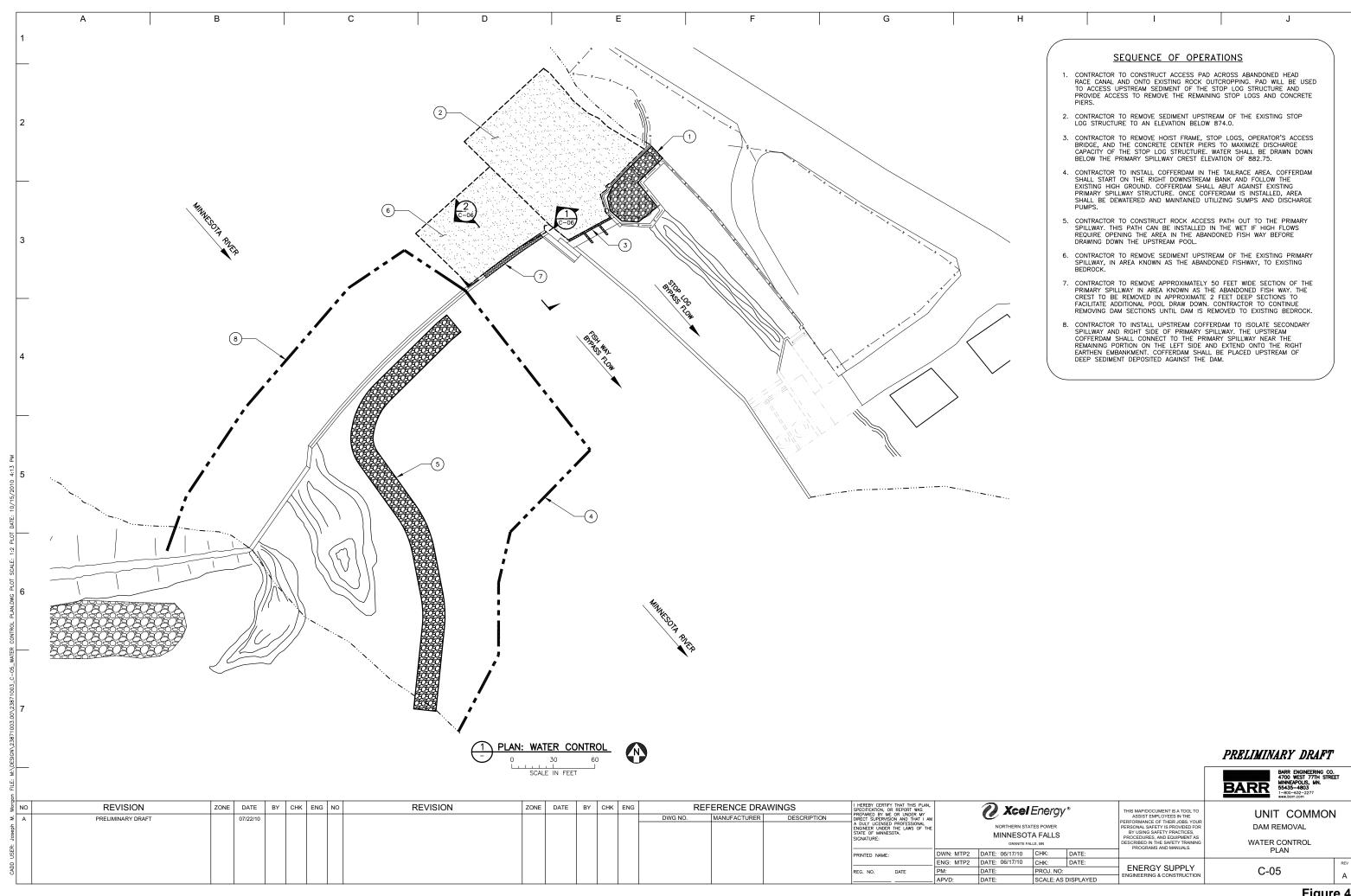
Figure 1. Project Location Map





PROPERTY LOCATION MAP
Miles
0 1
Granite Falls, MN

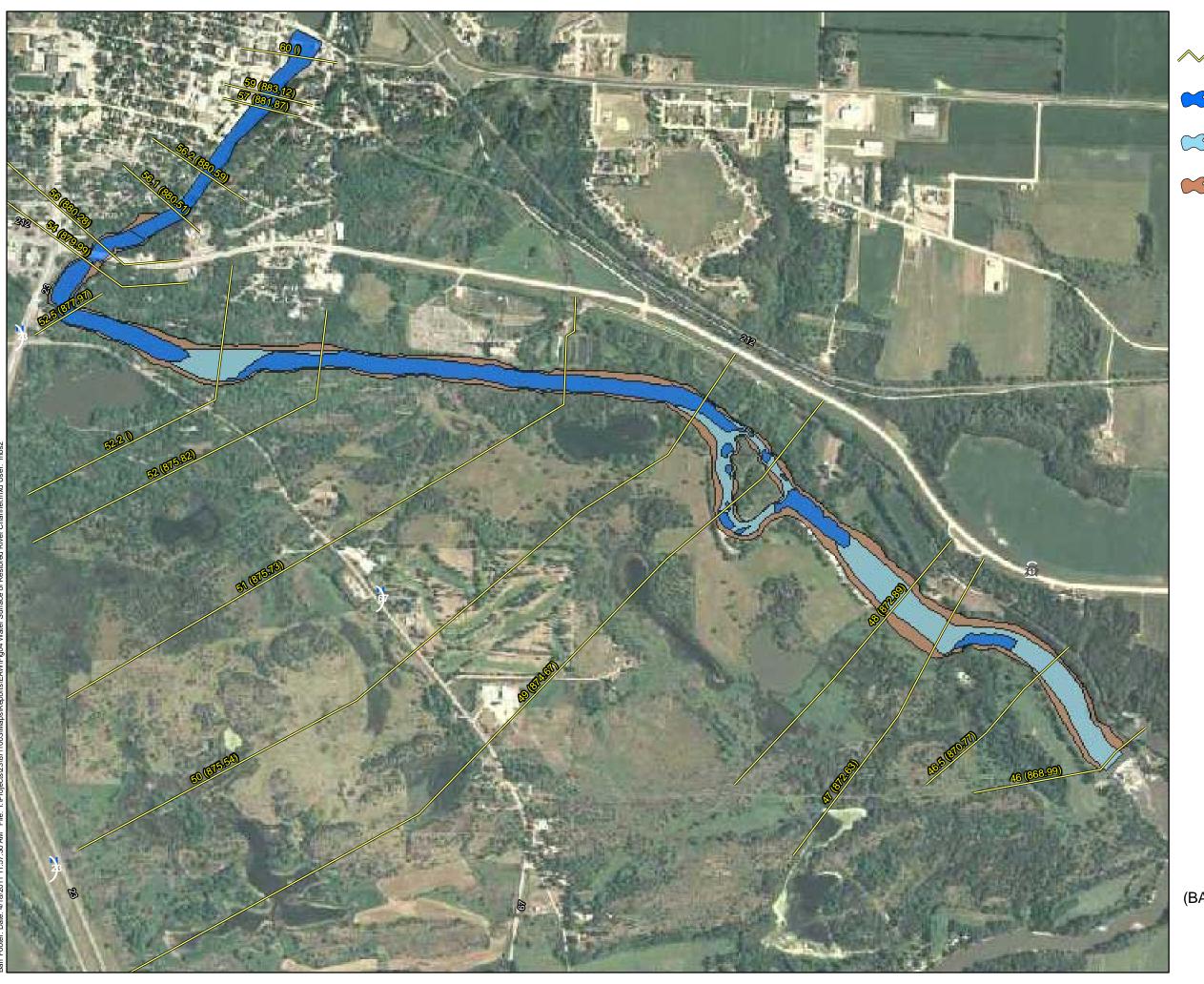






MN Falls Dam Existing Conditions.jpg





HEC-RAS Cross Section (Expected WSEL (ft) in parentheses)

Estimated Stable
Channel Area (51.2 acres)

Estimated Potential Scour Area (35.8 acres)

Estimated Newly Exposed Riverbank (36.6 acres)

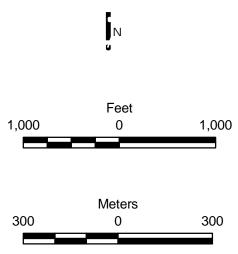


Figure 6

LIKELY CHANNEL EXTENT
AFTER DAM REMOVAL
(BASED ON EXISTING BATHYMETRY)

Minnesota Falls Dam Removal Granite Falls, MN

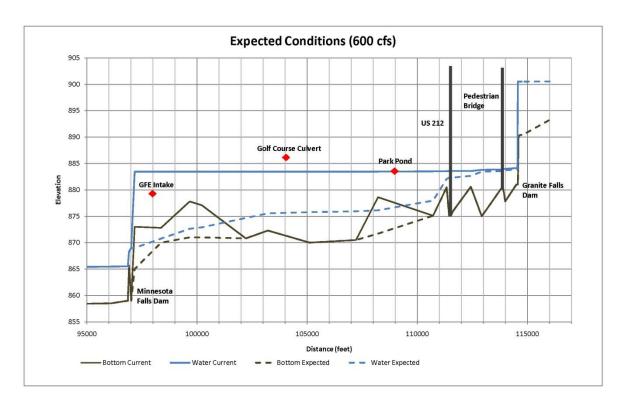


Figure 7. Expected River Levels for 600 cfs (typical summertime flow)

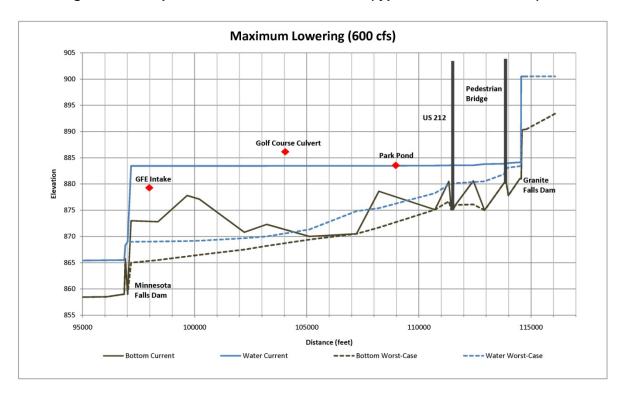


Figure 8. Minimum River Levels for 600 cfs (typical summertime flow)

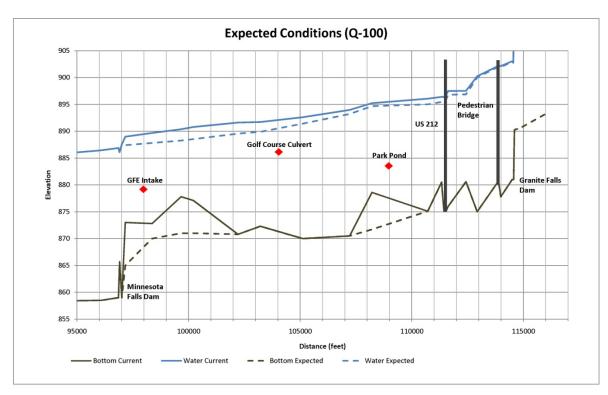


Figure 9. Expected River Levels for 100-year Flood

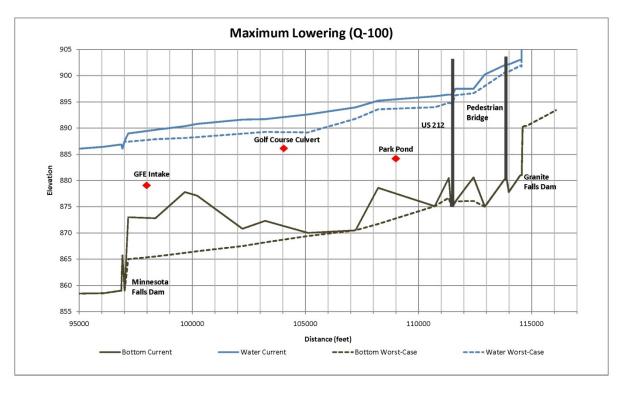
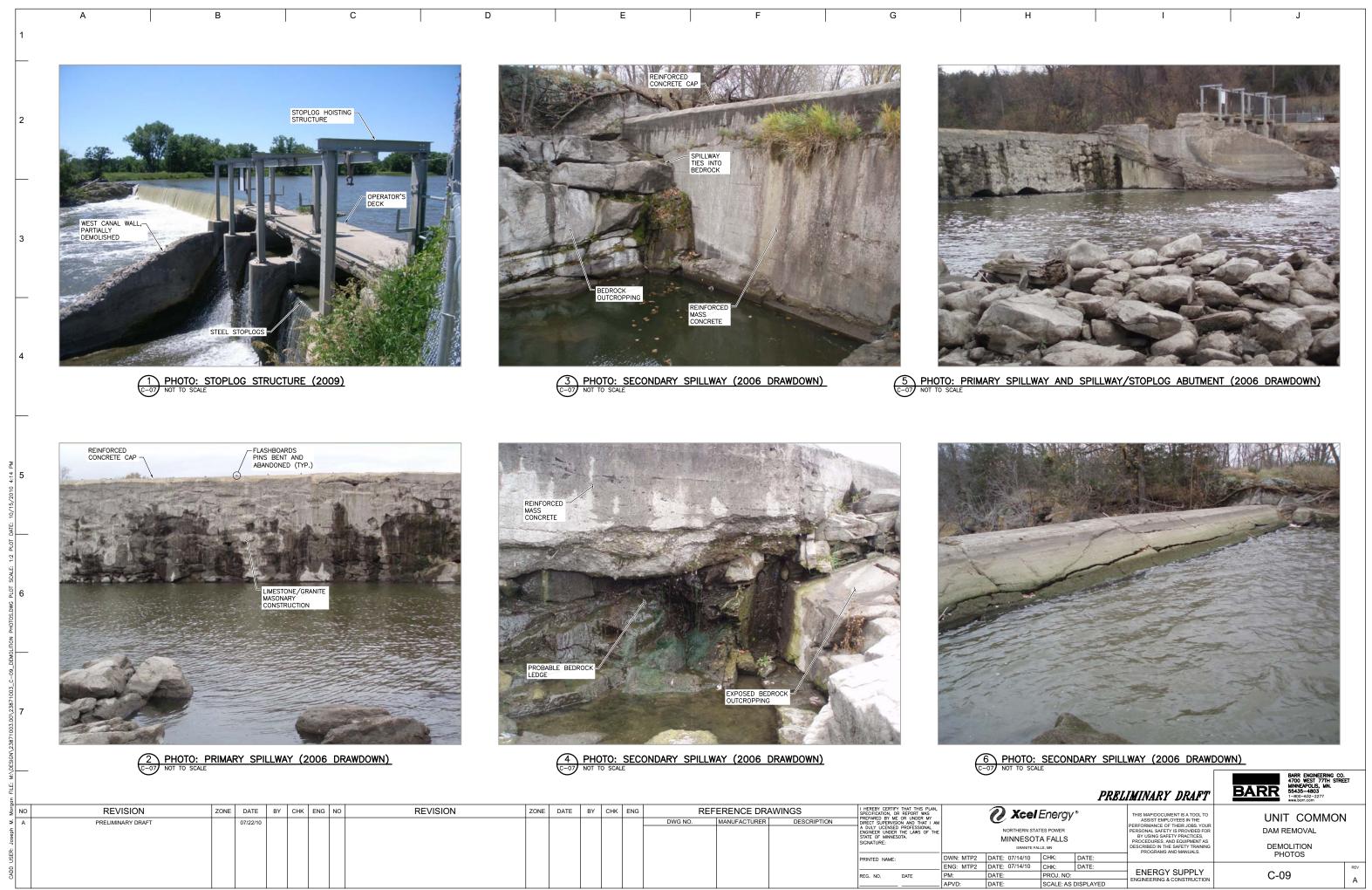
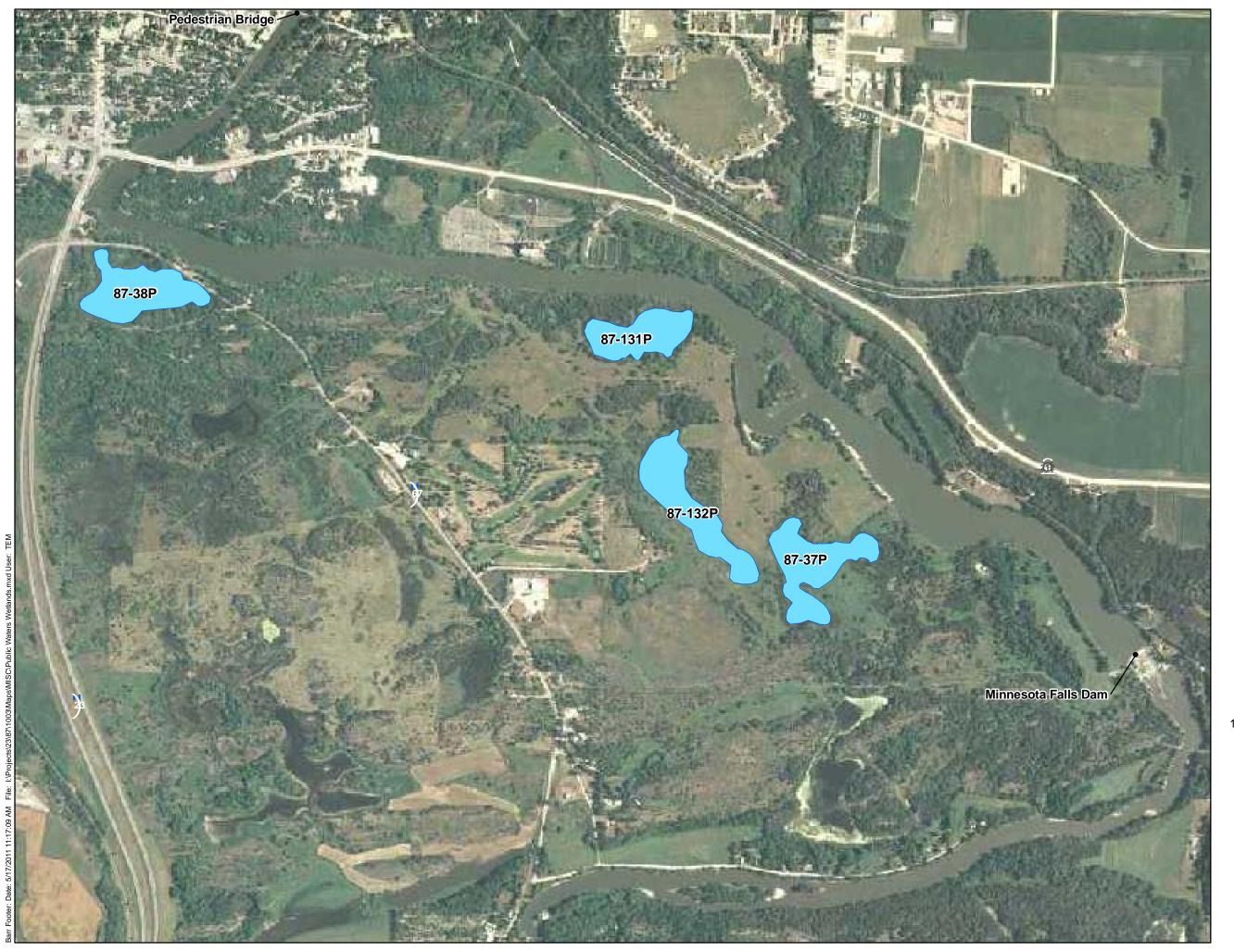


Figure 10. Minimum River Levels for 100-year Flood





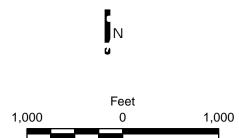


Figure 12

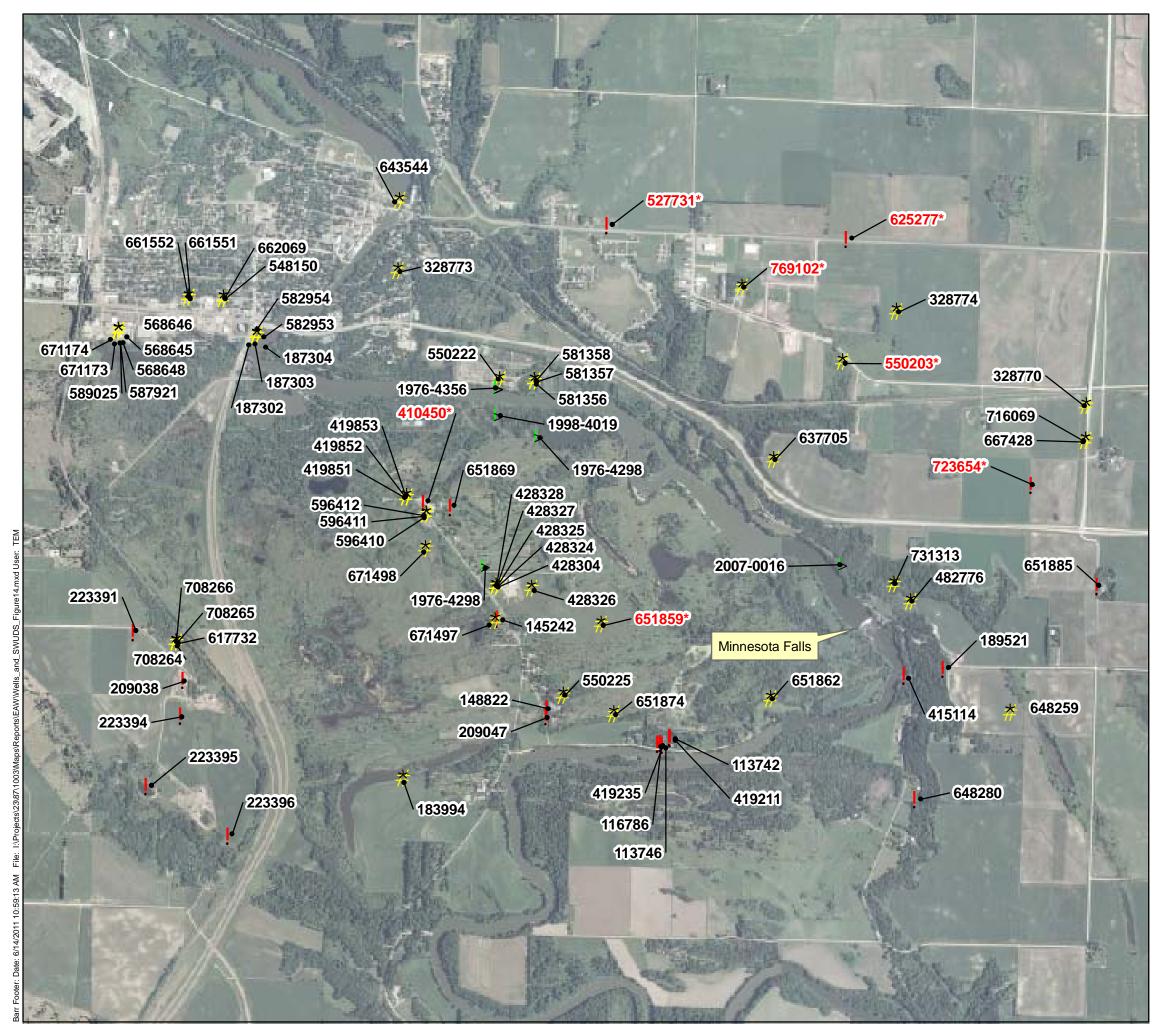
Nearby Public Water Basins

Minnesota Falls Dam Removal
Granite Falls, MN

1,000

INVENTORIED SITES AND HEC-RAS MODEL CROSS-SECTIONS

Minnesota Falls Dam Removal Granite Falls, MN



## Legend

- . CWI (with well label)
- CWI Unlocated Well (with well label)
- SWUDS Surface Water Withdrawal (with permit number)

## \*Potentially impacted well

CWI = County Well Index SWUDS = State Water Use Data System

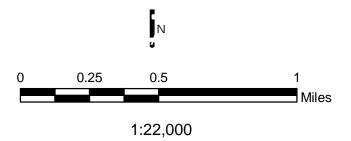


Figure 14
CWI AND SWUDS DATA

Minnesota Falls Dam Removal Feasibility Study

Xcel Energy