

1992

Lake Winona dredging, 1992

Cal R. Fremling
Winona State University

Follow this and additional works at: <https://openriver.winona.edu/calfremlingpapers>

Recommended Citation

Fremling, Cal R., "Lake Winona dredging, 1992" (1992). *Cal Fremling Papers*. 72.
<https://openriver.winona.edu/calfremlingpapers/72>

This Document is brought to you for free and open access by the Cal Fremling Archive at OpenRiver. It has been accepted for inclusion in Cal Fremling Papers by an authorized administrator of OpenRiver. For more information, please contact klarson@winona.edu.

612 • 334 - 8438

DIANE B. RAY

ATTORNEY AT LAW

BRIGGS AND MORGAN

2400 IDS CENTER

MINNEAPOLIS, MN 55402

612 • 339 - 0661

FAX 612 • 375 - 1078

Briggs & Morgan Need, etc.
Diane B. Ray

River Bend Appendices to Bollant

Delineation:

River bend wetland habitat types according to 1987 Corps manual more detailed mapping - acreages types & boundaries of wetlands and upland areas

WSU.
big map with elevations

Must convince corps this isn't going to stay wetland

pumping station gauge. Pump starts ~~at~~ when river stage reaches 8' at Johnson St.

Bob B will do this part

Sand ^{sediment} interceptor ^{patented}
most sediment is road gravel - not silt
+ basin gets little

W basin acts as settling basin
storm sewer drops catch basin collects
most & is vacuumed out regularly

5 1/2 of city streets swept first
south shore wetlands intercept runoff
from highway
could make dredge hole at north ^{head} storm sewer.