

Flood Control—Normandale Lake & Marsh Lake Dam

Importance of control:

The protection of human life and structures was the first priority of the District and continues to be a primary objective of the District

Goals:

- To manage both rate and volume of runoff entering Nine Mile Creek and the lakes and wetlands within the watershed
- To protect human life and permanent improvements that could be damaged by flood events

Project Description: The Marsh Lake Dam and creation of Normandale Lake were the first two projects implemented by the District. Both projects were designed to control downstream flooding.

The Marsh Lake Dam was constructed in 1970. Normandale Lake was created by building an impoundment in 1979.

30 Year's later: Both projects have proven their worth many times since they were constructed. The biggest example of their value was in the 1987 super storm when 14 inches of rain fell over Bloomington and Edina. While parts of I-494 were under 12 feet of water, the berms and control structures of both Marsh Lake and Normandale Lake held and prevented significant downstream flooding and loss of property.

Normandale Lake



Quick Facts—Normandale Lake

Lake Area (acres): 112

Littoral area (acres): 112

Maximum Depth (ft): 10

Water Clarity (ft): 5.2

Lake Classification: Level 2 (partial body contact, recreational)

Topic Status: Eutrophic (productive, high in nutrients)