

# Lake Nokomis Shoreline Enhancement Project

Community Meeting 1

Lake Nokomis Community Center

November 30, 2017

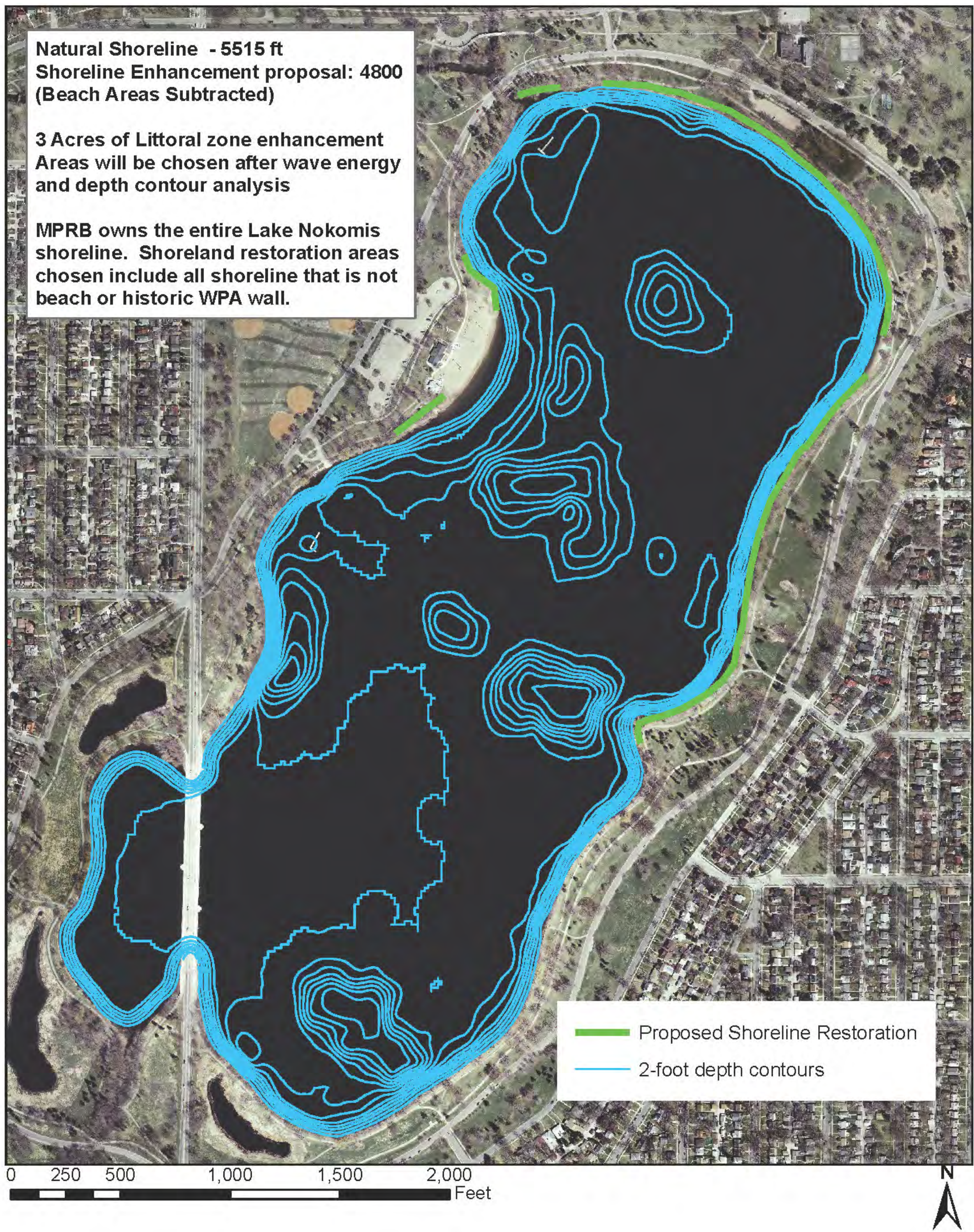


**Minneapolis**  
**Park & Recreation Board**



# Project Overview & Goals

- 4,800 feet of shoreline (excluding beaches & WPA walls)
- Shoreline, extending ~20 feet inland (buffer width will vary)
- Targeting ~3 acres of emergent plantings in shallows



# Site Analysis & Issues

## Summary

- Areas of eroding shoreline
- Natural lakeshore buffer narrow or absent in many areas
- Dense shade limits growth of stabilizing groundlayer vegetation
- Aquatic vegetation absent in many locations
- Poor water quality (clarity often <1m due to excessive nutrients in water column)



## COMMENTS

(PLACE POST-IT NOTES BELOW)

# Potential Solutions

## Shoreline Stabilization

- Riprap
- Toe wood
- Coir log with live stakes
- Minor grading and soil lifts



# COMMENTS

(PLACE POST-IT NOTES BELOW)

# Potential Solutions

## Naturalized Buffers

- Diverse native shorelines
- Narrow remnant native plantings
- Expanded natural buffer along adjacent inland areas



# COMMENTS

(PLACE POST-IT NOTES BELOW)

# Potential Solutions

## *Emergent Plantings*

- Lake Nokomis shoreline and emergent plantings (photos ~2005)
- Bulrush plantings - new and established



# COMMENTS

(PLACE POST-IT NOTES BELOW)

# Design Criteria

## *Random vs. More Formal Plantings*



## *Shorter vs. Taller Plantings*



# COMMENTS

(PLACE POST-IT NOTES BELOW)