STORMWATER MANAGEMENT PLAN **FOR TWO HARBORS**

PROJECT ID:

306-15-00

YEAR: 1999

GRANTEE:

City of Two Harbors

COUNTY:

Lake County

CATEGORY:

Coastal Land Use. Planning, & Development

GRANT AWARD: \$21.249

TOTAL PROJECT COST: \$33.345

The mission of Minnesota's Lake Superior Coastal Pro-

gram is to preserve, protect, restore and enhance coastal resources for present and future generations. We provide



technical and financial assistance for local communities to balance protection of coastal resources with providing residents and visitors places to work, live, and play.

FOR MORE INFORMATION:

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www.dnr.state.mn.us/waters/lakesuperior

SUMMARY

The City of Two Harbors received a grant to inventory, study, and plan projects to help solve erosion and flooding problems in their town.

To begin, existing watershed basin data and future stormwater runoff sources were compiled. An elevation and GPS survey of streams, storm sewer system, culverts, was conducted. The City installed two stream monitoring stations along Skunk Creek as part of a long-range monitoring effort. Stormwater runoff was

sampled and analyzed for contaminants.

A computer model (SWMM) was developed to determine the feasibility of constructing detention ponds to increase runoff storage and improve runoff water quality.

The Two Harbors Storm Water Management Plan was completed in June 2001.

Future actions for ordinance language changes, stormwater projects and needs for additional funding were identified in the plan.

Table 1: City of Two Harbors, Area Watersheds	
Skunk Creek	1402 acres*
Golf Course Creek	656 acres*
Pete's Creek	163 acres*
3 rd Street Storm Sewer	110 acres*
6 th Street Storm Sewer	56 acres*
Arena Drainage	74 acres*

STORM WATER MANAGEMENT PLAN

CITY OF TWO HARBORS

2001

Work begins to end flood, runoff problems in Two Harbors NECOR was Watershed planning underway and that may be seen from four four

