

Pocket Guide

MINNESOTA WATERSHEDS

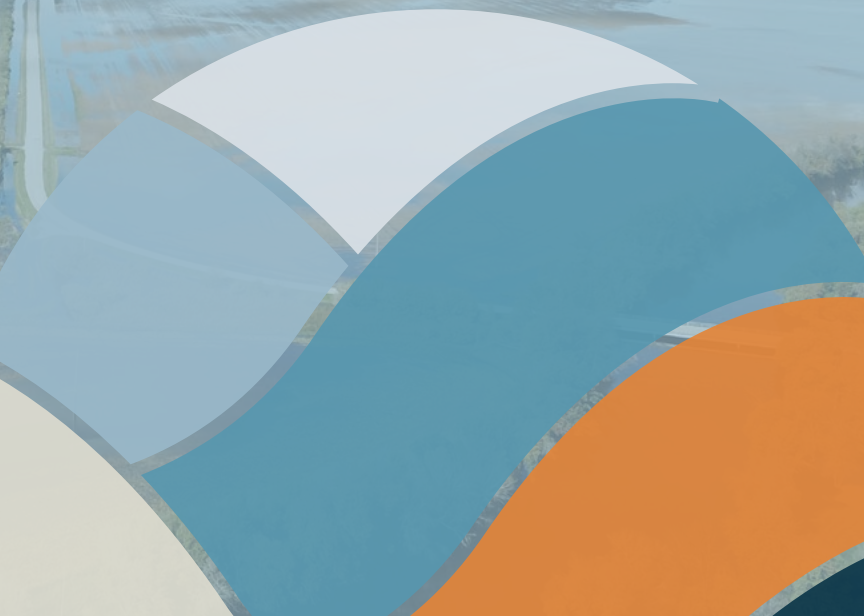
2025

HOSTED BY
Roseau River
Watershed District

SUMMER

TOUR

JUNE
23-25





MONDAY, JUNE 23

6 p.m.

NETWORKING EVENT

Gene's Bar and Grill 1095 3rd St NW, Roseau

TUESDAY, JUNE 24

10 - 11 a.m.

POLARIS MANUFACTURING PLANT & EXPERIENCE CENTER

205 5th Ave SW, Suite 2, Roseau

Email tawni@roseauriverwd.com to register. Space is limited.

9 a.m. - 12 p.m.

MN ASSOCIATION OF WATERSHED ADMINISTRATIONS (MAWA) MEETING

Roseau Civic Center; 121 Center Street E, Roseau

Lunch will be served to MAWA attendees

1 - 5 p.m.

REGISTRATION

Welcome & Hear from Local Experts

2025 LEGISLATIVE RECAP

Rob Sip, Red River Water Management Board

RIVER RESTORATION *in the Roseau River WD,
the Red River Basin and across the state*
Erik Jones, Houston Engineering



TUESDAY, JUNE 24

1 - 5 p.m.

PEATLAND RESTORATION

Torin McCormack, HDR Engineering

STURGEON REINTRODUCTION

in the Red River Basin — Speaker TBD

5 - 7 p.m.

WELCOME RECEPTION AND TOUR OVERVIEW

Tracy Halstensgard, Roseau River WD Administrator

KEYNOTE SPEAKER – DAN FABIAN

*Former Minnesota State Representative and current
Roseau Mayor*

WEDNESDAY, JUNE 25 — BUS TOUR DAY

*****View stop locations on page 8*****

8 a.m.

BUSES DEPART

AmericInn by Wyndham Roseau; 1110 3rd St NW, Roseau

12:30 p.m.

LUNCH

Malung Community Center 41071 Malung St, Roseau

HIGHLIGHTS

ABOUT THE WATERSHED

- Covers 1,048 square miles (671,000 acres)
- Includes the Roseau River, which drains into Canada and eventually Lake Winnipeg.
- Approximately 88% of the watershed is in Roseau County and small portions of Beltrami, Marshall, Kittson, and Lake of the Woods counties.
- The watershed has mostly flat topography due to the former glacial action and its previous existence as the ancient Lake Agassiz lakebed bottom.
- There is a diverse landscape of peatlands, wetlands, forests, croplands, pasturelands, and beach ridges.



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BUS TOUR LOCATIONS ARE LISTED IN ORDER OF PLANNED TOUR STOPS.

1. OAK CREST COULEE

Leading implementation to improve water quality runoff

The Roseau River Watershed District (RRWD) in partnership with the City of Roseau and the Oak Crest Golf Course is leading implementation to improve water quality runoff within the Oak Crest subdivision and development area adjacent to the golf course. This project will provide a drainage outlet, serve as stormwater treatment and runoff control, reduce undesirable vegetation, improve the coulee ecosystem, provide long-term maintenance ability of the coulee, and reduce phosphorus into the Roseau River for the Oak Crest subdivision area.

2. WEST INTERCEPTOR

Multipurpose flood control and native prairie/wetland restoration project

The West Interceptor is a multipurpose flood control and native prairie/wetland restoration project that provides flood relief to the City of Roseau and natural resource enhancements for the area. The City of Roseau petitioned the RRWD Board of Managers in June of 2003 for the West Interceptor Project. Funding for the project was received from the U.S. Economic Development Authority, Small Business Administration, State of Minnesota and RRWD. Total project cost was just over 4 million dollars. The West Interceptor is a 7.5 mile channel, 1 mile west of the City of Roseau, starting 2 miles south of Highway #11 to an outlet in State Ditch 51 approximately 5 miles northwest of Roseau. The project also included the conversion of 595 acres of agricultural land to prairie lands, grasslands and wetlands. Construction began in July 2006 with completion in November of 2008.

3. PONTOW RING DIKE

Flood acknowledgment and prevention

After the 2002 flood, this ring dike was built as part of the Farmstead Ring Dike program. The program brings together several funding partners from the federal, state and local levels. The height of the dike was based on the height of the flood water in 2002 and acts as an informal marker of the magnitude of that event.

4. ROSEAU LAKE REHABILITATION PROJECT

Supporting habitat and preventing flooding

The purpose of the project is flood damage reduction & improved habitat for waterfowl, fish and other wildlife. This will be achieved with the construction of embankments and control structures along the Roseau River to better time the flood storage in the Roseau Lake basin.



ENGINEERING + ENVIRONMENTAL CONSULTING

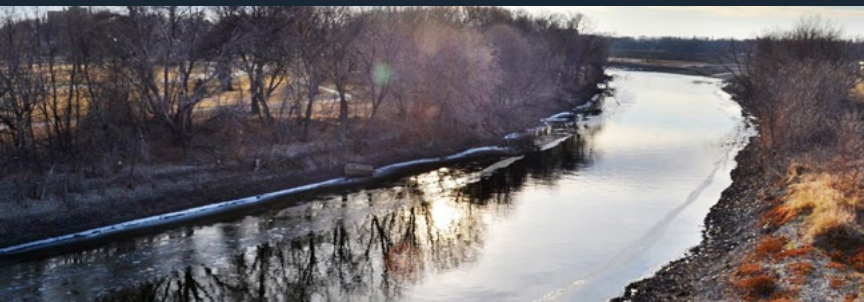
SUSTAINABLE SOLUTIONS FOR LASTING SUCCESS



Work toward healthy and resilient watersheds with partners who share your passion and commitment.

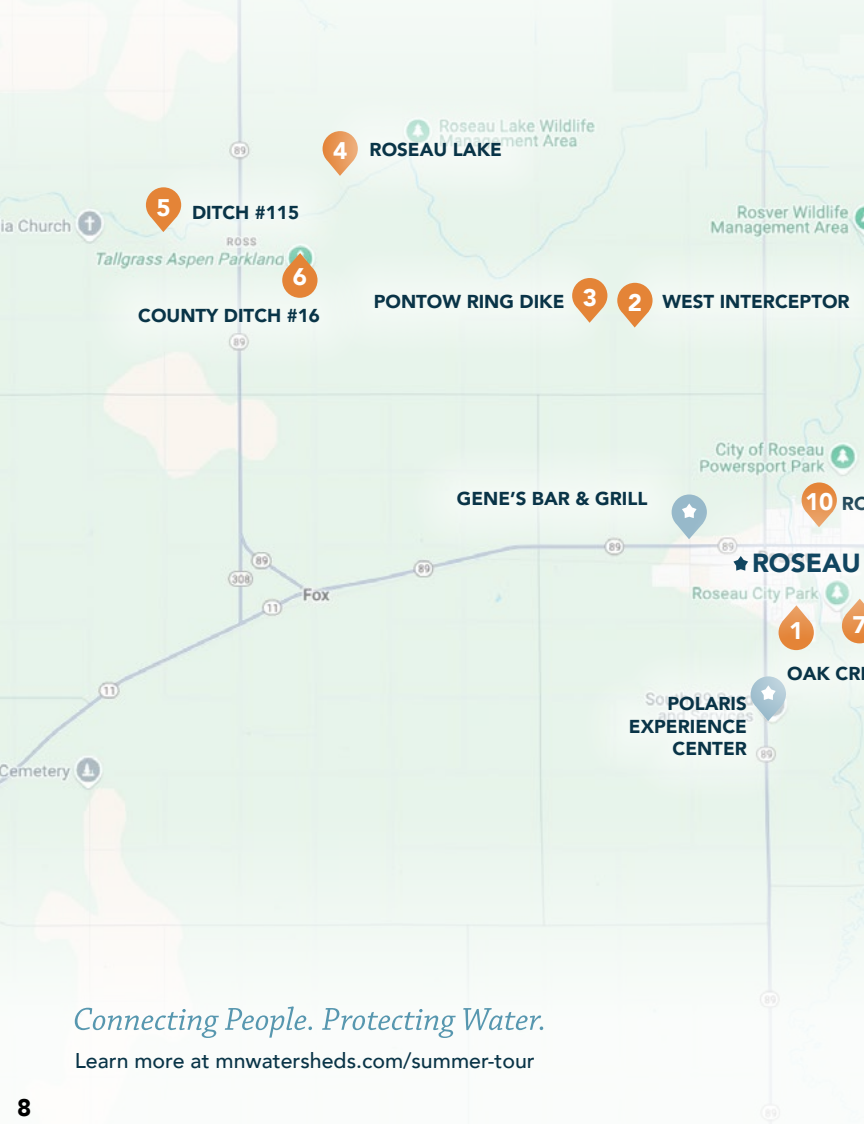
Barr's 100+ water resources professionals bring unmatched experience and capabilities to projects in the Midwest and beyond—helping numerous communities across the Red River Basin address flood risks, stabilizing the Upper Sheyenne River watershed to protect water quality, and leading the development of the Red River Basin Commission Long Term Flood Solutions Study to help improve flood risk planning.

Our tailored approach to watershed management—for projects large and small—protects natural resources and helps communities thrive.



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2025 SUMMER TOUR STOPS



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MINNESOTA WATERSHEDS

5. WATERSHED DITCH (WD) 115

Decrease roadway damage without increasing downstream floods The goal of the WD 115 establishment is to reduce the frequency of agricultural flooding and roadway damage along the system without increasing downstream flood impacts. Primary design considerations were project function, cost, and impacts to the environment.

6. CD 16 IMPROVEMENT

Preventing head cutting & sediment deposition

In 2019 the District received an Improvement Petition for this system. Construction on the improvements was completed in October of 2022. In conjunction with the CD 16 Improvement Project, 27 sites were identified as contributing 84 tons of sediment annually into SD 51 in accordance with the PTMApp toolbar. Each of the sites was constructed using Minnesota Clean Water Funds consisted of grade stabilization structures which prevents head cutting and sediment deposition into the river. The final payment hearing was held in January 2023.

LUNCH — MALUNG COMMUNITY CENTER

7. CITY OF ROSEAU EAST DIVERSION

Bringing community recreation and flood prevention

The East Diversion project was designed first and foremost to provide the Roseau community with permanent flood control benefits; however, the project also provides the community with recreational benefits as well.

8. NORFARM SEED

Tour of the grass seed cleaning and packaging facility that markets and ships grass seed varieties worldwide.

SOLVING THE REGION'S MOST COMPLEX WATER CHALLENGES



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Redpath Impoundment

9. NORLAND IMPOUNDMENT

Using levees and channels to create runoff storage

The project area includes the lower portion of the Hay Creek watershed and adjacent 37 square mile Norland sub-basin. The project includes three features: 7-mile corridor restoration and floodway enclosed by setback levees, an off-channel impoundment site, and a connection channel. This site provides a total of at least 9,500 acre-feet of gated and ungated runoff storage.



10. ROSEAU ROCK ARCH RAPIDS

Creating riverine habitat to fish

The Roseau River Rock Arch Rapids Project is an enhancement of rock rapids located at the site of the former low head dam within the City of Roseau. The project will enhance one of the Red River Basin's earliest rock arch rapids to ensure that fish have access to riverine habitat upstream and downstream of the former dam site.

Ideas transform communities



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SAVE THE DATE

MINNESOTA WATERSHEDS

**2025
ANNUAL
CONFERENCE
& TRADE SHOW**

DECEMBER 2-4
GRAND VIEW LODGE
NISSWA, MN



*Oak Crest Area Improvement
Roseau, MN*

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