

# ANNUAL REPORT

The Annual Report is presented to show accomplishments in programs and projects that relate to what the SWCD has accomplished in relationship to the priorities set by the Board Supervisors which are:

## **Prevent Wind, Water and Soil Erosion**

- **Improve Water Quality and Promote Water Conservation**
- **Promote Conservation and Resource Programs**
- **Promote Energy Conservation**
- **Improve Wildlife Habitat**

These priorities reflect the concerns described in the Lyon County Local Comprehensive Water Management Plan .



## 2023

LYON SOIL & WATER CONSERVATION DISTRICT

# MISSION STATEMENT

The mission of the Lyon SWCD is to:

- Establish programs that assist in the protection of the public health, safety and welfare through Soil & Water Conservation and Protection.
- Encourage land occupiers to conserve and protect our water and soil resources, implement erosion, sediment control and water quality practices.
- Promote conservation through education, trained personnel and supervisors.
- Seek and implement conservation practices and programs that will benefit the landowner, the county, local watersheds, and the nation.



Left to right: (Back Row) Thomas Andries - Lyon County Board of Commissioners Representative, Steve Prairie - Representing Area 5, Gary Laleman - Representing Area 1, Allen Deutz - SWCD Board Vice Chairman - Representing Area 2, Gary Crowley - Lyon County Board of Commissioners Representative, (Front Row) John Lanoue - SWCD Board Chairman - Representing Area 4, Mark Meulebroeck - Representing Area 3.

# LYON SWCD SUPERVISORS

## LYON SWCD AREA SUPERVISORS

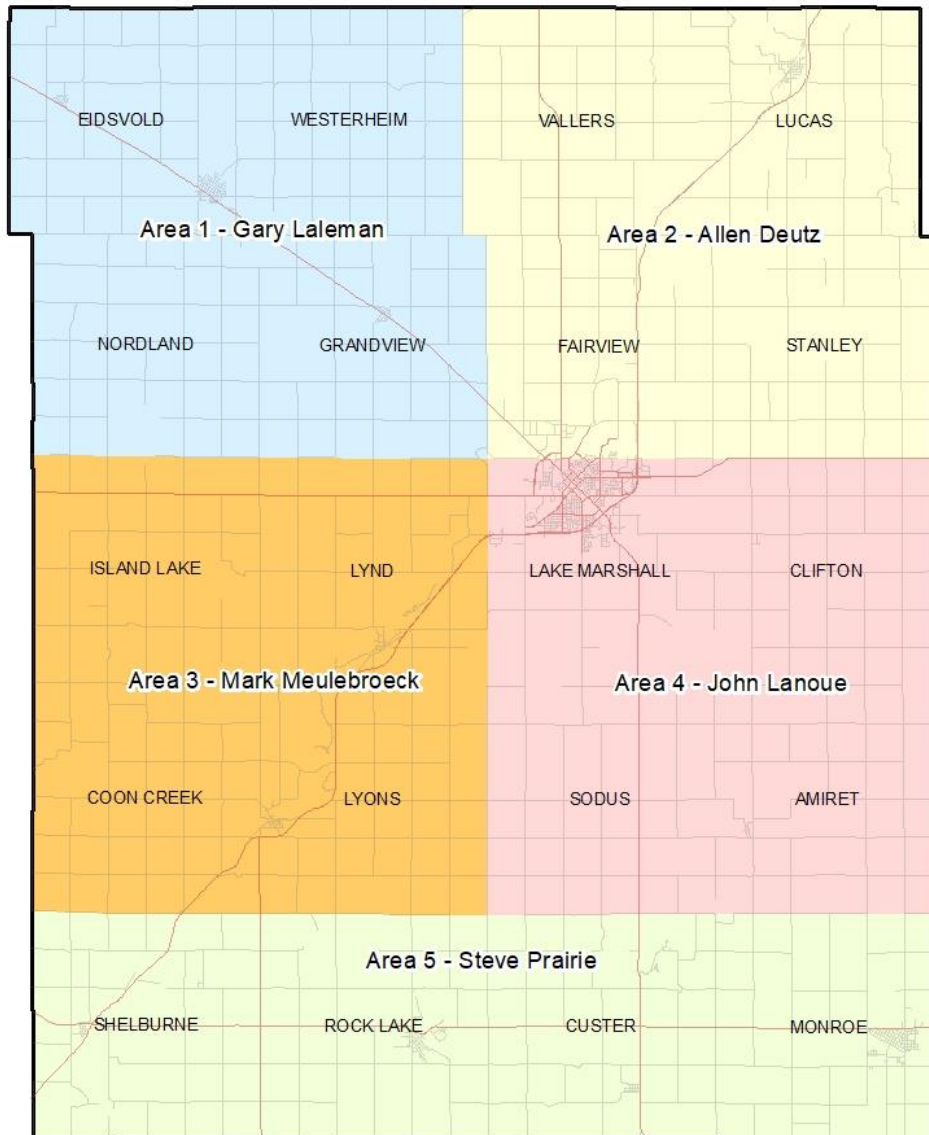
**GARY LALEMAN - AREA 1**

**ALLAN DEUTZ - AREA 2**

**MARK MEULEBROECK - AREA 3**

**JOHN LANOUE - AREA 4**

**STEVE PRAIRIE - AREA 5**





# LYON SWCD & NRCS STAFF

## SWCD STAFF:

JOHN BIREN - DISTRICT/ZONING ADMINISTRATOR

LUKE OLSON - CONSERVATION TECHNICIAN

BLAKE GILES - CONSERVATION TECHNICIAN

COURTNEY SNYDER – CONSERVATION TECHNICIAN

BROCK BOERBOOM - FARM BILL PHEASANTS FOREVER BIOLOGIST

ANITA CAUWELS - ADMINISTRATIVE ASSISTANT

## NRCS STAFF:

KELLY HEATHER – DISTRICT CONSERVATIONIST

GATLIN HEMANN – SOIL CONSERVATIONIST

MAGGIE SYVERSEN - SOIL CONSERVATIONIST

JEREMY LARSON – CIVIL ENGINEER TECHNICIAN

OPEN - ADMINISTRATIVE ASSISTANT



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*From Left to Right: Back – Brock Boerboom, PF – Jeremy Larson, NRCS – Blake Giles, Lyon SWCD- Gatlin Hemann, NRCS*

*Front – Kelly Heather, NRCS – John Biren. Lyon SWCD – Luke Olson, Lyon SWCD – Anita Cauwels, Lyon SWCD – Maggie Syversen, NRCS and Courtney Snyder, Lyon SWCD*

# 2023 ANNUAL REPORT HIGHLIGHTS

## PROGRAMS THAT THE LYON SOIL & WATER CONSERVATION DISTRICT ADMINISTERS:

REINVEST IN MINNESOTA (RIM)	ENVIRONMENTAL FAIR
STATE COST SHARE PROGRAM	GRANT APPLICATIONS
RAINFALL MONITORING PROGRAM	ARBOR DAY PRESENTATION
FARMFEST EXPO	BUFFER LAW
CLEAN WATER LEGACY GRANT PROGRAMS	DNR WELL MONITORING
ASSISTANCE IN CONSERVATION PLANNING PROJECTS	WETLAND CONSERVATION ACT ADMINISTRATION
DNR WATER PERMIT REVIEWS	FEEDLOT INVENTORY
EDUCATIONAL PROGRAMS	AGBMP LOAN PROGRAM
ANNUAL PLAN AND REPORTS FOR PUBLIC INFORMATION	WELL DECOMMISSIONING
MAWQCP – 2 CERTIFICATIONS FOR 2023	ONE WATERSHED ONE PLAN – YELLOW MEDICINE, DES MOINES-COTTONWOOD-MIDDLE MN & REDWOOD

## EQUIPMENT AVAILABLE FOR RENTAL OR USE:

TREE MATTING MACHINE – TREE PLANTER – CRIMPER – MULCHER -10' GRASS SEEDER -TRUAX SEEDER

## ASSIST NATURAL RESOURCE CONSERVATION SERVICE (NRCS) WITH PROGRAMS:

WATER QUALITY INCENTIVE PROGRAM	ENVIRONMENTAL QUALITY INCENTIVE PROGRAMS (EQIP)
CONSERVATION STEWARDSHIP PROGRAM (CSP)	WILDLIFE HABITAT INCENTIVE PROGRAM
CONSERVATION PLANS	STATUS REVIEWS

## STATE GRANTS:

Lyon SWCD utilized State Cost-Share, Conservation Delivery, Local Water Management, Local Capacity and Wetland Conservation Act funds to construct ten erosion control projects along with engineering fees. Total cost-share for the projects and fees is \$189,951.47.

Local funding from Lyon County was also utilized to assist on Eighteen Well Sealings. Total cost-share for the projects was \$9,642.50.

Lyon SWCD also works closely with RCRCA/Area II and NRCS for funding and technical support.

## REORGANIZATION

Lyon SWCD, effective January 1<sup>st</sup>, 2013, became a department within Lyon County, MN. Staff positions as well as all financial responsibility are being paid through Lyon County. Grant funds are maintained and tracked through a designated fund within Lyon County. SWCD operations along with

the County Planning and Zoning department are housed and maintained in the same office at 1424 E. College Drive, Suite 600, Marshall, MN.

As part of the County Planning and Zoning department staff are involved with approval of feedlot permits, as well as septic permitting.

All the feedlot regulation, inspection and education were completed by the SWCD staff. Inspections provided staff opportunities to update records, address potential pollution concerns and environmental threats and educate producers of the current feedlot regulations.

Septic System inspections were completed for verification of soil and system installation certification. Of the thirty-two approved, five of them applied for the County Septic Loan Program funds and were granted approval for funds amounting to \$86,543.42.

### **SHORELAND ORDINANCE**

The Shoreland Ordinance in conjunction with the Lyon County zoning ordinance provided assistance and education on best management practices in shoreland areas and reviewed proposed land use activities and permits. A total of eight permits were issued.

### **ONE WATERSHED, ONE PLAN**

The purpose of the One Watershed, One Plan program is to develop comprehensive watershed management plans that:

- align local water planning purposes and procedures under this chapter and chapters 103C and 103D on watershed boundaries to create a systematic, watershed-wide, science-based approach to watershed management;
- acknowledge and build off existing local government structure, water plan services, and local capacity;
- incorporate and make use of data and information, including watershed restoration and protection strategies under section 114D.26;
- solicit input and engage experts from agencies, citizens, and stakeholder groups; focus on implementation of prioritized and targeted actions capable of achieving measurable progress; and
- serve as a substitute for a comprehensive plan, local water management plan, or watershed management plan developed or amended, approved, and adopted, according to chapter 103B, 103C or 103D.

Yellow Medicine 1W1P was developed in 2017 and Des Moines River 1W1P in 2023. Cottonwood – Middle MN will begin in 2025 and Redwood in 2026.

## **PHEASANTS FOREVER**

The Farm Bill Biologist actively promoted and enrolled marginal cropland into the Conservation Reserve Program. Landowner communication is the primary method used by the Biologist to promote various other programs, including the Walk-In access and CREP programs.

# LYON SOIL & WATER CONSERVATION DISTRICT

## PROGRAM PARTNERS

Entity	Partnership Contribution
Lyon County	Financial, program assistance
Natural Resources Conservation Service	Programs, technical assistance, staff shared
Minnesota Department of Natural Resources	Consultations, Contract services with SWCD
Area II Minnesota River Control Area	Technical, financial for projects
Redwood Cottonwood Rivers Control	Cost Share partner for projects, monitoring of resources
Yellow Medicine River Watershed	Cost Share partner for projects, monitoring of resources
Lyon County Sportsman Groups	Financial for projects, education
MN Association of Conservation Districts	Legislative lobbying, education and information
MN Department of Agriculture	Low Interest loan funds, educational information
SW MN Joint Powers TSA	Engineering Assistance
MN Board of Soil & Water Resources	Program direction, grants, training