

2007 SWCD PROGRAM ANNUAL REPORT SUMMARY

District Board

Ewald Gruetzmacher, Chairman
Paul Krueger, Vice-Chairman
Jim Schwingler, Secretary-Treasurer
Scott Tracy
Jim Fitzsimmons

District Staff

Peter Beckius, Manager
Darren Carlson, Resource Conservationist
Carey Mattison, Urban Conservationist
Willie Peters, Engineering Technician
Jaime Rockney, Water Quality Technician
Douglas Schoenecker, Urban Conservation Technician
Scott Schneider, Resource Conservationist
Shelly Tietz, Administrative Clerk
Jodi Worm, Secretary/Communication Specialist
Ryan Holzer, Resource Conservation Technician

Consultative Staff

Peter Fryer, P.E.
Mike Mayer, P.E.
Gregg Thompson, Landscape Restoration Specialist
Shawn Tracy, Landscape Restoration Specialist

Natural Resource Conservation Service Staff

Katundra Shears, District Conservationist
Andy Porupsky, Soil Conservation Technician
Derrick Harmon, Soil Conservationist

Meetings Attended

SWCD Board Meeting - 12
SWCD Staff Meeting - 5
07 WQ Monitoring
Area IV Education Meeting
Area IV MACDE Meeting
BioMass Meeting w/Rahr
Budget Meeting-WMO Administrator
CFO regional feedlot meeting - 3
Children's Water Festival - 2
City of Jordan, Mill Pond
City of Savage Engineers
CNMP Meeting
Credit River Township
Critical Habitat Definition
CTAC - 2
CWL Meeting w/BWSR
Data Management
Eagle Creek Meeting
EIMS at Met Council
EQIP Meeting
Flowtracker review
GIS Users group - 3
Legislative Briefing
MACDE Annual Meeting
MACFO convention
Manager Meeting Landscape Specialist Program
Managers Meeting RCD

MASWCD Area IV - 3
MASWCD Convention
MECA Conference
Metro Meeting - 4
Mid-Year Feedlot Program Review
MS4 Education Discussion
MS5 Hydrolab Sondes
NACD Conference Call
Natural Resources Group
Natural/Water Resources, Parks & Trail Work
Team
Newspaper Meeting-Jordan Independent
Newspaper Meeting-Savage Pacer
NPDES Compliance Workplace - 5
NPDES Construction Site-
Non-compliance Crisis Workgroup
OB wells
Outdoor Education Planning Meeting
PLSL
PLSLWD/BWSR - 2
RIM Clean Energy
River Summit
Scott County GIS Internal users group meeting
Scott TAC - 2
Scott WMO Ranking and Scoring
Scott WMO Screening Committee - 2
Scott WPC - 9
Scott-Dakota Collaboration - 2
South Metro Manager
Staff Writer
State Education Committee
TCWQ Meeting
Tele-conference
USFWS
Vermillion River JPO
VRWJPO TAG
VSMP Meeting
Water Quality Meeting-Scott County
Water Resource Organization Collaboration
Water Resources Conference
PLSL Outlet Channel Meeting
Annual Storm Water Mgmt & Erosion
Control Conference

Committee Meetings Held

Finance Committee - 1
Outdoor Education Day Committee - 1
Personnel Committee - 3
Tree Program Committee -1
State Revolving Loan Program Committee - 1

Training Provided

U of M/MN Dot Inspector/Installer Recertification
Defense Driving
Wetland Reserve Program
CPESC Exam Tutorial
USGS Training
Nutrient Management
GIS-NRCS

Soils-NRCS
Trimble User's Group
Wetland Violation Training
Hydric Soil Genesis & Morphology
ATV Training
USDA Computer Security Training
Prescribed Grazing
Suspended Sediment
WCA Review Course
Conservation Planning
Leadership Institute
Electronic Security Training
MCIT Contract/JPA
Win-PST
Toolkit/RUSLE2
Security Training
USDA Privacy Basics & Security Awareness
Excel Training
E-Link Training
Erosion Inspection Training

Administration Accomplishments

- **Annual Work Plan Preparation**
- **Database Maintenance E-Link**
- **Grant/Loan Applications** - BWSR General Service Grant, BWSR Erosion Sediment Control or Water Quality Improvement Grant, Scott County Grant, Natural Resource Block Grant (Wetland Conservation Act, Local Comprehensive Water Planning, Shoreland and ISTS),
- **Annual and Quarterly Report Preparation** - General Service Grant, Natural Resource Block Grant (Wetland Conservation Act, ISTS, Shoreland Local Comprehensive Water Planning), State Revolving Fund Loan Program, NonPoint Engineering Assistance Program Accomplishment Report, 2007 Annual County Feedlot Officer Report; Scott SWCD Financial Reports for BWSR
- **Contracts & Agreements**
 - FY2007 Administrative Technical Services & Erosion Control or Water Quality Improvements
 - FY2007 Natural Resources Block Grant
 - Watershed Outlet Monitoring – Metropolitan Council
 - Urban Development Review & Site Inspection Services- Credit River Township,
 - Water Monitoring & Technical Assistance – Vermillion River Watershed Joint Powers Organization
 - Eagle Creek Watershed Outlet Monitoring Program – Lower Minnesota River Watershed District
 - Prior Lake Spring Lake Watershed District – Technical Assistance
 - Prior Lake-Spring Lake Watershed District-CWL Grant Administration
 - Metro Association of Soil and Water Conservation Districts – NPEAP Program
 - Agreement Ground Water Level Monitoring Program-State of Minnesota
 - Cooperative Agreement with U.S. Fish and Wildlife Services
 - Contribution Agreement with the U.S. of Agriculture Natural Resources Conservation Service – 2003, 2004, 2005, 2006, 2007
 - Scott Watershed Management Organization – T/A
 - Scott County – Feedlot Program Administration/Technical

Resource Protection Programs

- **Tree Program** – provided 33,725 trees to 282 customers, completed 5 windbreak and wildlife habitat planting plans
- **Habitat Seed Distribution Program** - provided corn, grain and cane sorghum to 26 landowners applying 147.27 acres of food plot and wildlife habitat
- **Cost Share Program** – Funding provided for 13 contracts with funding combined with cooperating agencies
 - Arnie Simon Water & Sediment Basin Scott
 - Chris Kubes Water & Sediment Basin Scott
 - Mary Dvorak Water & Sediment Basin Scott
 - Meierbachtol Brothers Water & Sediment Basin Scott
 - William McCue Filter Strip Scott
 - Leroy Justen Filter Strip Scott
 - Norbert Hennen Grassed Waterway Scott & State
 - Fritz Shimota Water & Sediment Basin Scott & State
 - David Gallup Streambank (Cedars) Scott & State
 - Robert Adamek Streambank Scott
 - Bisek Brothers, Inc Streambank Scott
 - Kermit Bischoff Lined Waterway State
 - Gerold Nagel Water & Sediment Basin State

Scott Watershed Management Organization

- 29 Applications Approved
 - 4 Wetland Restorations
 - 7 Grade Stabilizations
 - 7 Streambank Stabilizations
 - 1 Grassed Waterway
 - 1 Diversion
 - 3 Water & Sediment Basins
 - 2 Well Decommissions
 - 2 Cedar Tree Revetment
 - 2 Lakeshore Stabilizations

State Cost Share

- 9 Applications Approved
 - 2 Water & Sediment Basins
 - 2 Gully Erosion Control
 - 4 Streambank Stabilizations
 - 1 Diversion & Critical Area Planting

- **Feedlot Program** –Currently 249 registered feedlots, Completed 12 MAP's; Received 9 complaints- 8 resolved. 22 feedlot inspections completed; registration updates underway for 42 feedlots; provided regulatory assistance to 4 feedlot expansions and wrote two construction short form permit. Assisted landowner in obtaining Feedlot CUP from Scott County. Completed two feedlot pollution correction project. Completed two flevel investigations, 3 Spreader calibrations performed provided regulatory assistance to 5 people interested in starting small feedlots in county (<10 av)
- **RIM** – 19 status reviews
- **No-Till Drill Program** – 9 applicants used the Great Plains Drill to seed 108.5 acres; 24 applicants used the Brillion Seeder to seed 321.2 acres; 17 applicants used the No-Till Drill to seed 730.7 acres.
- **State Revolving Fund Loan Program** –25 applications received, 21 ISTS applications processed, 14 ISTS systems funded, 1 Conservation Tillage Equipment application received and funded 2 Ag Waste projects received and funded, 1 Structural Erosion Control Project application received
- **Permit Review Program** – Reviewed 6 DNR permits for resource concerns
- **Wetland Conservation Act** – Worked with 380 landowners on wetland issues requiring detailed technical information, reviewed 54 delineation reports, reviewed 20 replacement plan applications, provided assistance for 13 certificate of exemptions, participated in 28 TEP meetings, completed 2 restoration orders, 2 cease and desist orders.

- **Filter Strip Program**

Established in 2007 – 1st half payments made

▪ Colleen McNicoll	3.1	Scott
▪ Mary Dvorak	6.8	Scott
▪ Leroy Justen	5.2	Scott
▪ Harlan Laabs	3.3	Scott
▪ William McCue	7.0	Scott
▪ Carl Moe	4.7	Scott
▪ Willard Wormer	14.2	PLSL
▪ William McCue	1.1	Scott
▪ Loren Gross	9.6	Scott
▪ Dennis Gerold	16.6	Scott
▪ Brian Schmitz	2.6	Scott
▪ Ralph Woestehoff	1.4	Scott
▪ Dale Theis	8.9	Scott
▪ Richard Schmitz	18.4	Scott
▪ Keith Biers	1.8	VRWJPO
▪ Richard Hennen	8.4	Scott
▪ Hanson Givens	6.6	Scott

2nd half payments made

▪ John Kern	6.1	VRWJPO
▪ William Busse	.9	PLSL
▪ Brian Schmitz	1.6	Scott
▪ Jason Schmidt	7.0	Scott
▪ Willis & Mary Miller	7.0	Scott
▪ Ronald Schmitz	2.8	Scott
▪ Robert Barta	1.8	Scott
▪ Joel Hauer	4.1	Scott
▪ Michael Prokes	.7	Scott
▪ Hansch, Fernandez & Stendahl	4.3	Scott
▪ Bill & Gloria Hentges	11.1	Scott
▪ Bill & Gloria Hentges	5.2	Scott
▪ Richard Latterell	1.6	Scott
▪ Wayne Schmidt	5.3	Scott
▪ Mark Gillaspey	6.1	Scott

PLSL Prior Lake Spring Lake Watershed Management Organization
 Scott - Scott Watershed Management Organization
 State State Cost Share
 VRWJPO Vermillion River Watershed Joint Powers Organization

Applications Approved

- **Prior Lake Spring Lake Watershed District** - 1 applications approved for 2.5 acres
- **Vermillion River JPO** – 2 applications approved for 7.4 acres
- **Scott Watershed Management Organization** 19 applications approved for 133.4 acres

Filter Strip Status Reviews –39 Status Reviews

- **U.S.Fish and Wildlife Service Program –**

- **Wetland Restoration Projects:** Contacted 4 landowners on wetland restorations
- **Native Grass Program:** Contacted 1 landowners

- **Lakescape Restoration Program**

- Landscape Specialist & Technician worked on 25 lakeshore restoration designs & management and provided 4 education workshops

- **Stormwater/Erosion Control Site Inspections:**
Elko: Building Permit Inspections: 937
Credit River: Development Inspections: 221, Building Permit Inspections: 1,918.
Scott County-Unincorporated: Development Inspections: 167, Building Permit Inspections: 2,597
- **Alternate Erosion & Sediment Plan Reviews:**
Building Permits: 63 New Homes, New Commercial
165 Accessory Buildings
- **Non-Point Engineering Assistance Program:** Projects Approved: 13; Active Projects: 21
- **Food Security Act** - Cooperated with the Natural Resource Conservation Service to implement the following activities:
 1. 75 Conservation Plans written for 3,880 acres; 92 Conservation Plans applied on 8,768 acres
 2. Initiated 66 CRP contracts, approved 17 contracts for 119.7 acres
 3. 22 Resource Mgmt System (RMS) plans either created, applied or both
 4. Completed 20 Wetland Compliance field reviews
 5. Processed 65 Highly Erodible Land (HELIC) and Wetland Conservation (WC) Certification Requests (1026's)
 6. Completed 6 Food Security Act Compliance Reviews totaling 147.7 acres
 7. Cropland with conservation applied to improve soil quality, 7,883 acres
 8. Land with conservation applied to improve water quality 7,485 acres
 9. Written and Applied Comprehensive Nutrient Management Plans-4
 10. Grazing and forest land with conservation applied to protect and improve the resource base-76
 11. Non-federal land with conservation applied to improve fish and wildlife habitat quality-5,667
 12. 22 EQIP applications approved
 - 6 contracts for 653.5 acres of residue management
 - 2 contracts for 480.1 acres of nutrient management
 - 4 contracts for 1,450 feet of Streambank Stabilization
 - 13 contracts for 8.9 acres of Critical Area Planting
 - 13 contracts of 8.9 acres of Mulching
 - 3 contracts for 550 feet of Lined Outlet
 - 1 contract for 1.0 acre of Grassed Waterway
 - 4 contracts of 4 Grade Stabilization structures
 - 3 contracts for 4 Well Decommissioning
 - 1 contract for 1 Closure of Waste Impoundment
 - 3 contracts for 9 Water & Sediment Control Basin
 - 3 contracts for 825 feet of Diversion
 - 1 contract for 1.0 acres of Wetland Restoration
 - 1 contract for 0.9 acres of Heavy Use Area Protection
 - 1 contract for 37.7 acres of Prescribed Grazing

Resource Protection Projects

- **Tillage Transect Survey** – 450 fields reviewed
- **Well Monitoring Program** – Monitored 10 wells monthly March – December-DNR; 19 wells for LMRWD
- **Rainfall Monitoring Program** – Collected daily precipitation data from 13 volunteer rainfall monitors
- **Water Quality Monitoring:**
 - VRWJPO – 2 automated sampler sites
 - LMRWD-1 automated sampler sites; 2 temp monitoring sites
 - Scott WMO-7 monitoring stations w/equipment; 5 monitoring stations w/o equipment; approximately 21 synoptic monitoring sites; 2 extended deployment sites
 - Metro Council/Scott WMO- 2 automated sampler sites
- **Wetland Watercourse Inventory Assessment – Vermillion JPO**
Wetlands: 757; Watercourses: 140
- **Assisted with Geomorphology Study for Porter Creek, Sand Creek and Credit River**

Educational Programs

- **Essay Contest** – 4 schools, 4 essays
- **Poster Contest** – 4 schools, 259 posters
- **Mural Contest** – 4 schools, 56 murals
- **Video Contest** – 2 schools, 12 videos
- **Classroom Presentations** – 13 presentations to 364 students – 4 schools
- **Envirothon** –Senior: 1 school participated, 2 teams; Junior: 1 school participated, 2 teams
- **Fair booth** – 1 booth, 35,000 viewed
- **Outdoor Education Day** - 15 schools; approximately 1,159 students
- **Conservation Cooperator** – 1 winner selected
- **District Capacity Score Sheet** - Scored 1,209 out of 1,410
- **Newsletters** – 6
- **Newspaper Articles** 26 Articles
- **Volunteer Stream Monitoring Program** 2 schools monitoring 3 sites
- **Soil Stewardship Week** - Information was provided to all Scott County Churches
- **City to Farm Tour** 300 Attended
- **Soil and Water Conservation Presentations** – Poster Essay Schools
- **Children’s Water Festival**
- **Maintain Scott SWCD Website**
- **Scott WMO Mailing**-2500 brochures sent to landowners in Scott WMO
- **Tours**
 - Scott WMO Summer Tour
 - Area IV Summer Tour
 - Tour for NRCS Regional Office
 - Wetland Restoration Tour for USFW
- **City Expo’s** – New Prague, Shakopee, Belle Plaine, Prior Lake and Jordan
- **Presentations**
 - 8 General ESC Workshops
 - BATC, NPDES Workshop
 - Controlling Erosion and Protecting Water Resources.
 - LMRWD-2006 Water Monitoring Summary
 - Annual Meeting-VSMP
 - Raingarden Demonstration
 - Career Day at New Prague High School
 - Sand Creek Regional Storm Water Study