



Report of Activities
2021 GMD3 Annual Meeting
SW Kansas Groundwater Management District
Mark Rude, Executive Director

Report of Activities

- Your Water Policy Leaders and staff
- Your Management Program update
- Key problems and activities

Your Water Leaders



- Elected Volunteers
- More than 530 monthly public meetings
- GMD3 Committees and advisory groups
- Fulfilling public interest for GMD3 workable solutions that better meet needs and better serve Kansas

Your Policy Water Leaders

- GMD3 works from local legendary leadership to do its part in keeping southwest Kansas strong.

Board of Directors of the Southwest Kansas GMD3



Kent Dunn
Seward
County



Bret Rooney
Haskell County
President



Garret Love
Gray County



Randy Hayzlett
Surface Water



Kirk Heger
Stevens County



Mike McNiece
Industrial
Secretary



Clay Scott
Grant County



Hal Scheuerman
Kearny County



Seth Nelson
Stanton County



Fred Claassen
Morton County



Doug Fox
Moade County



Mike O'Brate
Finney County
Treasurer



Zachary Gale
Hamilton County



David Casterline
Ford County



Fred Jones
Municipal
Vice Pres



Mark Rude
Executive
Director

GMD3 Staff



- Jason Norquest, 23 yrs.
- Assistant manager
 - Ag Business
 - Water rights
 - State applications
 - Policy development
 - Classroom instruction
 - Technology guru

GMD3 Staff



- Mark Rude, LG, 16 yrs.
- Executive Director
 - Management Program
 - Build Board engagement
 - Develop member engagement
 - Lead change
 - Communicate to build partnerships
 - Exercise water policy judgment
 - Staff growth

GMD3 Staff



- Patty Stapleton, 14 yrs.
- Office manager
 - Office operations
 - Board function
 - GMD Parcel assessments
 - Banking and insurance
 - Communications
 - Perfect Audit Co-Manager



GMD3 Staff



- Chris Law, 14 years
- Director, Field Services
 - Animal Science & Industry
 - Local government
 - Flowmeters and flow tests
 - Water rights assistance
 - Field contract compliance
 - Team leader – summer help

GMD3 Staff



- Trevor Ahring, PE, 12 yrs.
- Special Projects
 - Project management
 - Grant writing
 - Well & aquifer evaluation
 - Water structures review
 - Water rights assistance
 - Water quality sampling

GMD3 Staff



- Brandi Sneath, 9 years
- Office Administration
 - Receives your call
 - Office and member support
 - Ledger and records
 - Communications
 - Web master
 - Perfect Audit Co-Manager

Resubmitted July 6,
2020

Board public hearings
awaiting legality
approval by Chief
Engineer


Join in the program
document update. Call
us and let us know what
you are thinking.

Revised Management Program
Southwest Kansas Groundwater Management
District Number 3 (GMD3)

2009 E. Spruce Street, Garden City, Kansas 67846 (620) 273-7147
URL: [HTTP://www.gmd3.org](http://www.gmd3.org)

DRAFT June 2020


All policy and methods expressed herein are proposed to be adopted for the Southwest Kansas GMD3 management program and used to advise and assist all in the management of water resources for SW Kansas. Other policy documents of GMD3 are posted on the website.



2020-2021 Board of Directors:

Bret Ecooney, President - Haskell County
Fred Jones, Vice President - Municipal at large
Mike McNeese, Secretary - Industrial at large
Mike O'Brane, Treasurer - Finney County

Dave Casteline, Director - Ford County
Fred Claassen, Director - Morton County
Kent Dunn, Director - Seward County
Doug Fox, Director - Meade County
Zachary Gale, Director - Hamilton County
Randy Haylett, Director - Surface Water at large
Kirk Heger, Director - Stevens County
Garret Love, Director - Gray County
Seth Nelson, Director - Stanton County
Hal Scheuerman, Director - Kearny County
Clay Scott, Director - Grant County



Southwest Kansas Working Water – Conserving Every Day Since 1976

GMD3 Revised draft Management Program, June 19, 2020 **1**



<http://www.gmd3.org/what-we-do/management-program/>

GMD3 MANAGEMENT PROGRAM UPDATE

- As a program, the document discusses relationships and interdependent roles.
- Presents the nature of water supply problems and the thinking for policy and behavior adopted to address them.

GMD3 core values

- Water Risk
- Individual Responsibility
- Fairness
- Stewardship
- Community

Problems and thinking

- Problem: A highly successful economy from a depleting water supply.
- Thinking:
 - Lower the rate of storage depletion
 - Increase value of the water used
 - Find other water supplies

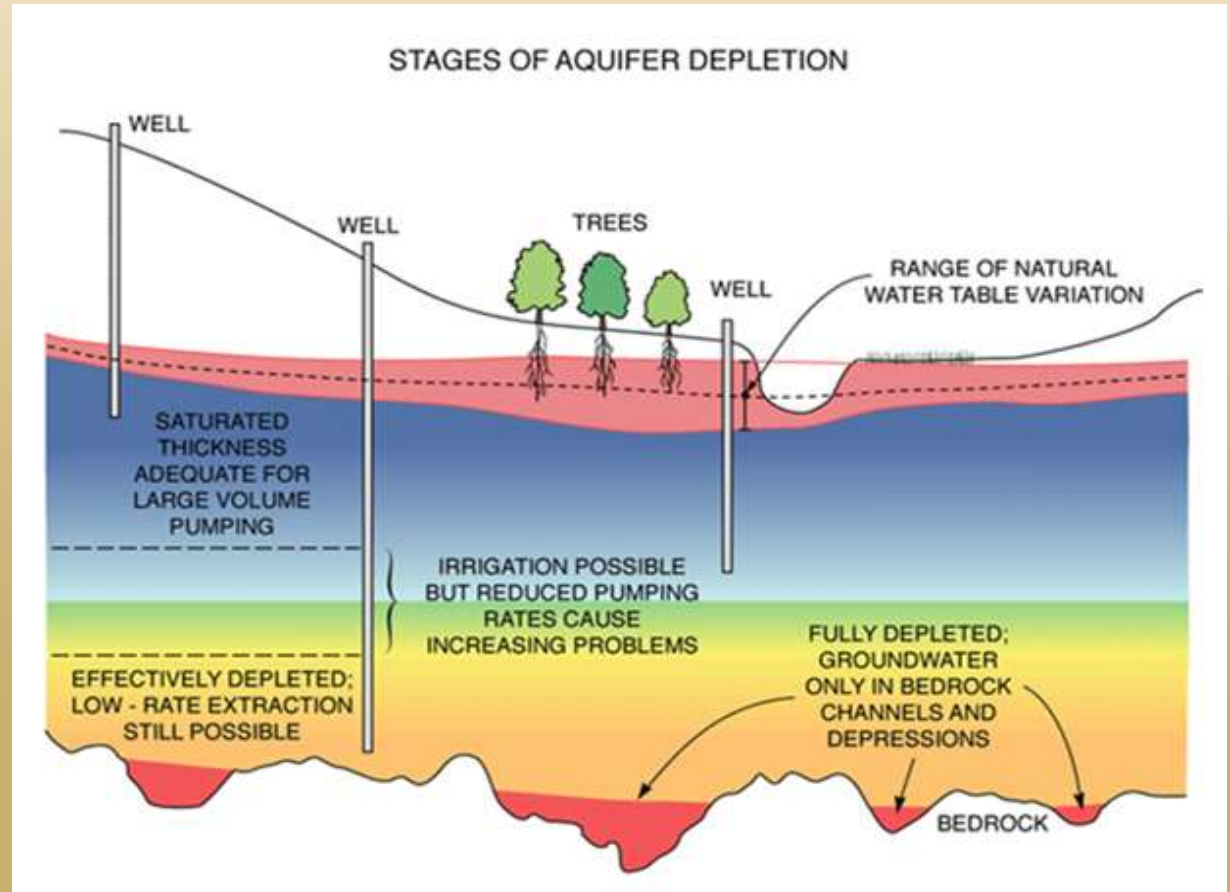
Problems and thinking

- Problem: Moving paper rights to better pumping wells adds to depletion rate. Only about half of consumption is naturally replaced.
- Thinking:
 - Close main aquifer to new water rights (unlike neighbor areas).
 - Limit adding wells or approving more consumption rate in critical well conditions.
 - Add value through use flexibility where depletion rates are reduced, or other Program goals are achieved.
 - Add supply.

Problems and thinking

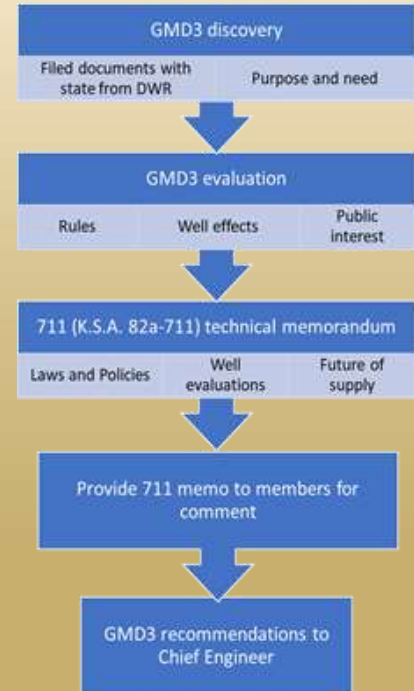
- Problem: Chief Engineer can approve an application for a water right or change of a water right for a smaller amount than requested and otherwise act in the public interest.
- Thinking:
 - The Management Program and Board thinking works to advise and assist the Chief Engineer and others with published guidelines and reasoned recommendations.

Water Rights Assistance Summary, pg. 6



GMD3 well drawdown guidelines.

- Give members information they need to make the best decision they can affecting their water costs and water risk.
- Trial period since 2017 training with DWR indicates most applications were recommended approved.



Water Conservation, pgs. 7-8

Wise use. Conservation is not so much defeating consumption as using water wisely.

Two types :

Type (1) Use **efficiency**

- the amount of valued output per unit of water consumed.

Type (2) **Maintaining aquifer storage**

- demand management

- replenish storage.

No penalty for water conservation.



Flowmeters and flow tests



Targeting water conservation

- A corrective control is a new Type (2) water conservation limit or act to correct aquifer depletion.



Arkansas River Management, pg. 9



Thinking

- Western Water Conservation Projects Fund Activity
- Water quality mitigation
- Compact quality compliance
- Import alternate supply

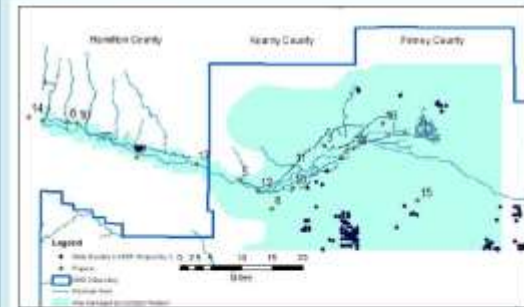
GMD3 WWCP Funds



REPORT TO THE KANSAS LEGISLATURE GMD3 Western Water Conservation Projects Fund Activity and Related Concerns in 2020

Southwest Kansas Groundwater Management District 3 (GMD3)
Kansas Water Office (KWO) Contact Number 88-0022

Financial Statement for 2020. The GMD3 Western Water Conservation Projects (WWCP) Fund began year 2020 with \$2,348,729 and ended the year with \$971,901. There were expenditures totaling \$1,399,195 and income of \$24,167. Expenditures included a 3% fiduciary services charge of \$41,243 paid to the GMD3 general fund. Expenditures in 2020 were leveraged to support the Kansas Conservation Reserve Enhancement Program (CREP) state obligations and an additional \$160,000 Reclamation WaterSMART conservation grant to improve the Eastern Ditch and water delivery efficiencies.



The GMD3 WWCP Fund finances water management projects in the area of Kansas directly affected by past interstate compact violations. Numbers on the map above correspond to the projects list enclosed. This activity serves a fraction of the cash damage owed from KS v. CO to the area that reflects the effects as an investment in local legislative leadership and the future of Kansas.

Arkansas quality cost and losses

Water quality is basically the amount and type of material in the water.

- Compliance metrics at the Stateline.
- Estimates of supply loss and costs, including human health risk.
- Kansas cannot let Ark River water quality be kicked aside as a subordinate compliance matter



Water Transport POC, Missouri to dry Ark River

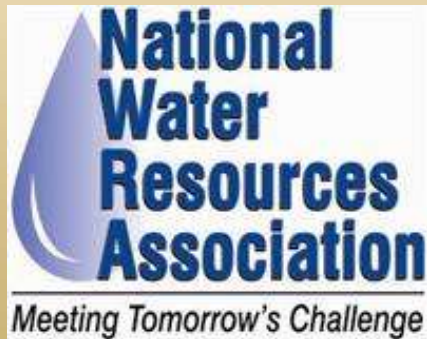


Coming in 2021

An interstate transport POC into
Colorado



Federal affairs and conferencing with Districts in other states
GMDA - a NWRA National Groundwater Caucus



Kansas Water Congress is the Kansas association member of NWRA

GMD3 Mission Statement

- Act on a shared commitment to conserve and develop the water supply of the District to grow the social, economic and natural resources well-being for current and future generations in the public interest.
- 2020 GMD3 Financial Report