



GMD3 Board Room, 2009 East Spruce St.
Garden City, KS 67846
Meeting in person and Via Zoom
March 18, 2025

Meeting Called to Order

President Fred Jones called to order the March 18, 2025, Upper Arkansas River Basin Watershed meeting at 10:00 a.m. in the GMD3 Board Room.

Welcome and Introductions

Directors Present in Person or Via Zoom

Fred Jones,	President, Municipal Representative
Hugh Brownlee,	Treasurer, At Large
Bill Simshauser,	Vice President, Conservation Representative
Abram Lollar,	Recreation/Environment Representative
Troy Dumler,	Surface Water Representative,
Monte Morgan,	At Large
Sam Hands,	Stock/Industrial Representative

Directors Absent with Notice

Gina Gigot,	Secretary, Groundwater Representative
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Members and Others Present in Person or Via Zoom

Trevor Ahring	SW KS GMD3
Jason Norquest	SW KS GMD3
Callan Izatt,	DWR, Division of Water Resources
Scott Satterthwaite,	KDHE, Watershed Management
Titas Jaeger	Producer
Kurtis Meier	District Wildlife Biologist – Garden City, KS
Chris Harper,	Public Works Director of Deerfield
Sam Zipper	Kansas Geological Survey

Approval of Agenda

President Fred Jones asked to consider the agenda for the March 18 meeting. **Troy Dumler made a motion to approve the agenda as presented. Abe Lollar seconded. The motion passed.**

Approval of Minutes

President Fred Jones drew the board's attention to the January 14, 2025, minutes. **Bill Simshauser moved to approve the minutes as presented, and Monte Morgan seconded. The motion passed.**

President Fred drew the board's attention to the February 18, 2025, minutes. **Abe Lollar moved to approve the minutes as presented, and Troy Dumler seconded. The motion passed.**



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Financial Report

Treasurer Hugh Brownlee drew the board's attention to the Financial Reports. The balance in the Checking account is \$3,080.38. Two deposits were made after the financials were printed: Wheatland Electric for \$250.00 and Commerce Bank for \$1,000.00, bringing the total in our account to \$4,330.80. **Hugh Brownlee moved to approve the financials as presented. Troy Dumler seconded. The motion passed.**

Information Presentation

Solar Power on Center Pivots – Sam Zipper, Kansas Geological Survey

- Deployment of solar panels on marginal land on pivot corners
- Could enhance GW recharge, substantial energy, economic benefit by reducing energy costs, and minimize the ag climate footprint
- Process of proving a hypothesis through a test
- Working with Wheatland, Circle Land Cattle Corp, GMD3, Kansas Farm Bureau, Dwane Roth, and the City of Garden City.
- Develop plot scale field tryouts in the sand hills, finalizing panel purchases by May/June
- 2 panel configurations at the test site: one with panels at a typical panel placement, and the other placed to enhance water capture-recharge focused
- The goal is to demonstrate change in soil properties, along with numerous enhancing goals
- Measuring water balance throughout the project to monitor moisture dynamics in different parts of the panel to
- Energy production will be monitored
- Concerns about how panels will hold up with weather conditions (blowing sand)
- Low-impact installation to protect what's already there
- On avg, 1.25" enhanced recharge on every irrigated corner (if placed on all 4 corners)
- High energy potential
- Goal to monitor panels by this summer

Old Business

Annual Meeting Information

- 5:30 social
- On par with sponsorships from last year
- Silent auction
- Still accepting sponsorships

Entertainment Discussion



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- Cowboy poetry by Randy Fisher.
- Chris Harper, the Public Works Director of Deerfield, will discuss the city's clean drinking water solution initiative.
- Abe Lollar from Ducks Unlimited will present their tamarisk removal project.
- Jas Dale from Western Kansas Irrigation will present wastewater reuse in feed operations.
- Nate Matthews will deliver a presentation featuring live eagles.
- Announcement of Silent Auction results.

Motion is needed to secure Nate Matthews a hotel room for the night, which would be paid for by the Upper Ark Watershed. Bill Simshauser moved to approve Nate Matthews' hotel room for the night, paid by the Upper Ark Watershed. Hugh Brownlee seconded. Motion passed.

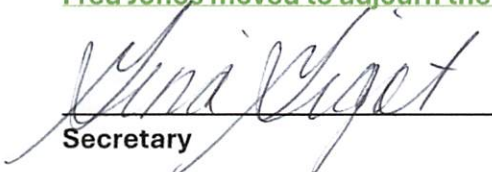
New Business

Public Comments and Announcements

- Abe is having conversations with Colorado about salt cedar removal
- Fred mentioned several cities have put together an organization working on several water reuse projects to expand water reuse (reclaimed wastewater, treated sewage, treated water removed from milk at DFA)
- The project here in Garden City is ongoing, and we are currently doing surveys.
- Chris Harper mentioned grants that are being worked on, and talks about working with City of Lakin

Adjournment

Fred Jones moved to adjourn the meeting at 11:20 a.m. Troy Dumler seconded.


Secretary


Recording Secretary