

45th Annual Meeting Agenda

Open Meeting _____ Brent Rogers, President

Welcome
Introductions
Announcements

44th Annual Meeting Minutes (Page 3) _____ Jeff Deeds
(Motion required to adopt or amend)

2021 Operating Budget - Proposed (Page 6-7) _____ Roger Zwegardt
(Motion required to adopt for public hearing)

2019 Calendar Year Financials (Page 7) _____ Roger Zwegardt

Election of Board Positions (Ballots) _____ Brett Oelke

Unfinished / New Business / Open Session _____ Brent Rogers

Board Positions #10 & #11 (Page 8)
(Motion required to adopt)

Presentations: "Conserving Ogallala Communities: The Social
Aspects of Groundwater Management" _____ Stephen Lauer, KSU

Northwest Kansas Technical College – Precision Ag _____ Weston McCary

Announcement of Board Election Results _____ Brent Rogers

Adjournment _____ Brent Rogers
(Motion required)



Notes

District Personnel

February 2019 - February 2020 Board:

POSITION	MEMBER	DUTY	FIRST ARRIVED:	SERVES TO:
Cheyenne #1	Roger Zwegardt	<u>Treasurer</u>	2/05	2/20
Rawlins/Decatur #2	Monty Biggs	Member	2/97	2/21
Sherman/Wallace #3	Jeff Deeds	<u>Secretary</u>	2/06	2/21
Sherman/Wallace #4	Nate Emig	Member	2/17	2/20
Thomas # 5	Karen Flanagan	Member	5/17	2/21
Thomas # 6	Lynn Goossen	Member	11/14	2/20
Sheridan # 7	Brent Rogers	<u>President</u>	2/09	2/21
Sheridan # 8	Brett Oelke	Member	2/19	2/22
Graham # 9	Ted Nighswonger	Member	01/18	2/22
Logan # 10	VACANT	Member	-	-
Gove # 11	Shane Mann	<u>Vice-President</u>	2/07	2/22

STAFF:

Ray Luhman, Manager (2/19 – 6/19)
 Shannon Kenyon, Asst. Manager (2/19 – 6/19) & Manager (7/19 – Present)
 Dan Simmering, Field Technician
 Jody McCain, Administrative Assistant

OTHERS:

Adam Dees – Legal Counsel
 Adams Brown Beran & Ball, Accountants



The district's website is always available - for more information go to:

<http://www.gmd4.org>

Information at this site includes general district overview, personnel listing, annual meeting info, water law summary, public records policy, newsletter articles, water quotes, water formulas, metering info and a flow meter calculator, water level data, water-related links, the groundwater management district act and more.

44th Annual Meeting Minutes – Hoxie, Kansas – Feb 13th, 2019

44th Annual Meeting Minutes – Hoxie Elks Lodge, Hoxie, Kansas, February 13th, 2019.

The 44th annual meeting was opened at 1:32 P.M. CST, February 13th, 2019 at the Hoxie Elks Lodge, Hoxie, Kansas. Board members present were:

Nate Emig
Karen Flanagan
Monty Biggs
Shane Mann

Jeff Deeds
Lynn Goossen
Brent Rogers
Roger Zwegardt

Ted Nighswonger
Mitchell Baalman
Scott Maurath

Others present were: Staff: Ray Luhman, Shannon Kenyon, Dan Simmering, Jody McCain; Adam Dees - attorney; Kelly Stewart, Steven Walters - DWR; Armando Zarco – KWO; Chip Redmond – K-State

There were 67 persons that signed the attendance sheet. The attendance roster is available from the district office.

President Brent Rogers opened the meeting with a welcome and introductions of the board and staff.

President Rogers then presented the 43rd annual meeting minutes, Colby, Kansas, February 7th, 2018. Brent directed attention to the annual meeting minutes printed in the annual meeting packet (page 4) and gave everyone a chance to review them. It was moved and seconded to accept the minutes on a unanimous voice vote.

Brent also announced that water use reports were due by March 1st and that they must be done online to avoid a new \$20 per water right fee if filed in paper version.

Chip Redmond, a meteorologist from K-State and manager of the Mesonet gave a presentation to attendees on the Mesonet network and that data available to producers on their website. He also discussed his weather predictions for 2019.

Roger Zwegardt next presented the 2020 proposed operating budget. Roger reported that the 2020 budget was \$519,255. With no further questions or comments, the proposed 2020 budget of \$519,255 was moved and seconded to be approved on a unanimous voice vote.

Roger Zwegardt next presented the 2018 calendar year financials. Roger directed attention to the financial report contained in the annual meeting packet on page 8 and asked everyone to review the report. He summarized by reporting that the district brought in \$636,559; spent \$445,080. The total cash on hand reported as \$191,354.

Lynn Goossen next conducted the board elections. Lynn opened Position 8 (Sheridan) announcing that Brett Oelke was the single candidate that had pre-filed. Lynn opened the floor for additional nominations for Position 2. With no nominations from the floor, it was moved and seconded the nominations for Position 2 cease and a ballot be cast. With no further discussion, the motion passed unanimously by voice vote.

Lynn opened Position 9 (Graham County) announcing that Ted Nighswonger was the single candidate that had pre-filed. Lynn then opened the floor for additional nominations for Position 9. With no nominations from the floor, it was moved and seconded that nominations for Position 9 cease and a ballot be cast. No further discussion, the motion passed unanimously by voice vote.

Lynn opened Position 10 (Logan County) announcing that there were no pre-filed nominations. Lynn opened the floor for nominations for Position 10. With no nominations from the floor, it was moved and seconded that nominations for Position 10 cease. With no further discussion, the motion passed unanimously by voice vote.

Lynn opened Position 11 (Gove County) announcing that Shane Mann had pre-filed. Lynn opened the floor for nominations for Position 11. With no nominations from the floor, it was moved and seconded that nominations for Position 11 cease. With no further discussion, the motion passed unanimously by voice vote

A motion to elect the unanimous ballot for all board positions was passed by voice vote.

Lynn Goossen then announced Brett Oelke as position Sheridan #8, Ted Nighswonger as position Graham #9, position Logan #10 as open, and Shane Mann as position Gove #11.

Brent Rogers then provided an update on the Sheridan 6 LEMA. He also announced that the soil moisture probe program will be available again for producers and that applications can be picked up at the front door. He gave an overview of NW Tech Precision Ag program and the growth of the program. He stated that the GMD 4 LEMA was in full effect with pending litigation.

Steven Walters of DWR then addressed Water Conservation Areas (WCA) and encouraged attendees to contact him as a tool for flexibility.

During open session, "kudos" were given Scott Maurath and Mitchell Baalman for the time they served as a board member. Ray Luhman encouraged producers to inquire about getting into a WCA. Paul Niblock addressed concern over water rights with multiple owners and requiring signatures on changes from all landowners. He suggested the law should be changed so that if a water right owner does not have legal access to the point of diversion then their signature should not be needed.

It was moved and seconded that the 44th annual meeting of the Northwest Kansas Groundwater Management District No. 4 be adjourned. With no objections, President Rogers declared the 44th annual meeting of the Northwest Kansas Groundwater Management District No. 4 adjourned.

Respectfully submitted

Jeff Deeds, Secretary

2021 Proposed Operating Budget

	2021 Proposed	
110 POSTAGE		\$5,000.00
111 Newsletter	\$3,000.00	
112 General	\$2,000.00	
120 PRINTING		\$3,600.00
121 Newsletter	\$3,000.00	
122 Administrative	\$600.00	
130 DUES	\$500.00	\$500.00
140 SUBSCRIPTIONS	\$2,500.00	\$2,500.00
150 INSURANCE		\$13,400.00
151 Office	\$13,000.00	
152 Public Officials' Liability		
153 Auto		
154 Workmans' Comp.		
155 Inland Marine		
156 Unemployment	\$400.00	
160 TELEPHONE	\$5,500.00	\$5,500.00
170 SALARIES AND BENEFITS		\$232,000.00
171 Gross Sal, Kpers, SS, Etc.	\$232,000.00	
172 Health Insurance		
180 TRAVEL		\$14,000.00
181 Board	\$8,000.00	
182 Staff	\$6,000.00	
190 VEHICLES		\$7,665.00
191 Repairs/Maintenance	\$3,000.00	
192 Operation	\$4,500.00	
193 Tags	\$165.00	
194 Purchase/Lease		
200 CONTRACTED SERVICES		\$91,700.00
201 Accounting	\$6,700.00	
202 Legal	\$40,000.00	
203 Misc. Support	\$30,000.00	
204 Legislative Support	\$15,000.00	
205 Drilling		
206 Weather Modification		
210 PUBLICATIONS		\$1,000.00
211 Legal Notices	\$1,000.00	
220 COOP PROGRAMS		\$2,000.00
221 Administrative		
222 Equipment		
223 Contracted Studies		
224 Education Program	\$2,000.00	
230 ADMINISTRATIVE		\$8,150.00
231 Office Supplies	\$4,000.00	
232 Copy Machine	\$1,000.00	
233 Computer Maint	\$1,000.00	
234 Postage Meter Lease	\$650.00	
235 Bank Charges		
236 Field Supplies	\$1,500.00	
240 NEW EQUIPMENT		\$14,500.00
241 Field	10,000	
242 Office	\$4,500.00	
250 CONTINGENCY RESERVE		\$0.00

260 FACILITY		\$22,000.00
261 Rent		
262 Maintenance	\$15,000.00	
263 Remodel/Purchase		
264 Building Utilities	\$7,000.00	
REIMBURSED EXPENSES		
300 FOUNDATION		\$0.00
305 Foundation Subscriptions		
325 Foundation Telephone		
345 Foundation Accounting		
350 Foundation Legal		
370 Foundation Tech Support		
	\$423,515.00	\$423,515.00

2019 Calendar Year Financial Report

STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
All Accounts – For the period January 1 - December 31, 2019

2019 INCOME (All sources):	
Cash forward from 2018 (Cash)	\$191,355
County Assessments	\$530,149
Interest Earned (GMD4)	\$106
State Grant Income	\$0
Miscellaneous Income	\$1,419
2019 TOTAL INCOME:	\$531,674

2019 EXPENDITURES:	
Postage	\$2,693
Printing	\$2,344
Dues	\$350
Subscriptions	\$1,995
Insurance	\$11,341
Telephone	\$5,397
Salaries & Benefits	\$303,603
Travel	\$8,083
Vehicles	\$5,372
Contracted Services	\$44,460
Publications	\$1,025
Coop Programs	\$902
Administrative	\$5,267
Equipment	\$17,052
Facility	\$20,814
Reserve for contingency	\$2,134
Foundation	\$0
TOTAL 2019 EXPENDITURES	\$432,834

Cash on hand – 12/31/19 (All GMD 4 Accounts) ----- \$294,021

Foundation Cash – All (plus interest) – 12/31/19 ----- \$221,319

GMD 4 Board of Directors

Position #	Current	Proposed
1	CN	CN
2	RA/DC	RA/DC
3	SH/WA	SH/WA
4	SH/WA	SH/WA
5	TH	TH
6	TH	TH
7	SD	SD
8	SD	SD
9	GH	GH
10	LG	LG/GO
11	GO	At Large

District Updates

1) LEMAs

In 2018 the SD-6 LEMA renewed for another five years with a carry-over amount from the first LEMA of up to five inches. The GMD 4 LEMA also started in 2018 and the pumping season of 2020 will be the third year of both LEMAs. Knowing how much LEMA allocation you have is critical.

2) Soil Moisture Probe Program

We will continue with the soil moisture probe program and Variable Rate Irrigation (VRI) again this year beginning at the Annual Meeting. Scholarships of up to \$1000 are available for your choice of soil moisture probe and up to \$500 for VRI. If you have received scholarships for two of each in previous years you are not eligible. If you did not receive soil moisture probes and would like to apply for the VRI you can.

Applications are on a first-come, first-serve basis starting at the 2020 Annual Meeting. If you are eligible, you will be notified by mail with instructions on how to obtain your probe or VRI. As before, you are welcome to choose the manufacturer/service provider of your choice.

3) NW Tech Precision-Agriculture Program – Water Tech Farm

NW Tech is in their fourth year of an exciting and quickly expanding program, aimed to educate students on precision agriculture. The Northwest Kansas Groundwater Conservation Foundation has provided funds to assist them for the last four years. In conjunction with the Kansas Water Office, NW Tech has been able to create several Water Technology Farms for the students to manage. They have also acquired their own 300 acre farm with irrigation and a Water Technology Center for the students to operate and learn.

On these farms are soil moisture probes, VRI, AgSense, and a host of other technologies the students work directly with the producer as well as on their newly acquired fields. The students install, troubleshoot, and assist the producer in utilizing the technology for water savings and maximum profits. The Foundation is thrilled to be able to provide them with technology for a future workforce geared towards water savings.

4) WCA

A Water Conservation Area (WCA) is a designated area with a management plan developed by the water right owner(s) with approval from the Chief Engineer to reduce water usage and allow for flexibility. They are designed to be a tool for water right owners that wish to extend the usable life of the aquifer. WCA's must be designed to demonstrate water conservation from previous usage and have an allocation less than the LEMA quantity for the involved water rights. If you are interested in forming your own, please contact our office or Steven Walters at the DWR Stockton Field Office.

5) Meters

Penalties for not checking your meters every two weeks are becoming more harsh. Water users need to be checking your meters at a minimum of every two weeks during the growing season. Make sure the totalizer is calculating and take a picture and/or write down the meter reading. If an accurate amount of water cannot be determined if your meter malfunctions than it may be assumed you have pumped your authorized annual quantity.

6) McCrometer Seals

For those producers with McCrometer seals, you may or may not have noticed the seal underneath the meter. These seals are flimsy and fall off easily. If this seal is missing, the meter is considered to not be in compliance. Please check these to make sure they are still intact. If not, it is a costly repair and a hassle to have one put back on. If you notice one is missing, please contact the GMD 4 office.

We have purchased more robust cable seals to install on McCrometer meters that have their seal intact. As we can get to the field we are installing them so in case the original seal falls off, the meter is still in compliance with the green GMD 4 seal on it. With over 3000 McCrometer meters in the district, it is difficult to install them on every meter. We are hoping to get an intern this summer that installs these seals for you.

GMD 4 Permitted Well and Water Rights Data by County by Well Type

(Figures include wells and water rights within the county within the district)

As of January 17, 2019

	CN	DC	GH	GO	LG	RA	SD	SH	TH	WA
DOMESTIC WELLS	0	0	0	0	0	0	5	1	7	0
AF	0.0	0.0	0.0	0.0	0.0	0.0	30.7	8.4	14.0	0.0
HYD DREDGE WELLS	0	0	0	0	0	0	0	0	0	0
AF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL WELLS	3	2	0	4	2	0	4	11	9	0
AF	59.9	225.0	0.0	483.4	22.7	0.0	30.6	1,434.3	955.2	0.0
IRRIGATION WELLS	440	27	118	158	80	146	693	861	775	8
AF	102,364	3857	21,504.5	28,782.1	16,149.5	30,703	161,420.6	259,242	203,622.6	2,779.0
MUNICIPAL WELLS	10	0	5	7	7	3	9	15	14	0
AF	1,073.9	0.0	438.9	587.0	959.8	107.4	737.6	2,285.5	2,591.9	0.0
RECREATION WELLS	3	0	1	0	1	0	3	0	2	0
AF	36.2	0.0	9.0	0.0	11.0	0.0	404.5	0.0	15.0	0.0
STOCKWATER WELLS	6	0	0	10	1	3	20	7	16	0
AF	719.3	0.0	0.0	931	9.4	111.0	1,281.6	269.5	1,143.4	0.0
EVAP WELLS	0	0	0	0	0	0	0	0	0	0
AF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COUNTY-TOT-WELLS	462	29	124	179	91	152	733	895	824	8
COUNTY-TOT-AF	104,434	4,082.0	21,952.4	30,784.6	17,152.4	31,101.0	163,905.6	263,551.5	208,342.1	2,779.0
GMD-TOT-WELLS	3,497									
GMD-TOT-AF	847,592									

GMD 4 Selected Trends

This is the newest feature in the annual meeting packet. If there are other annual trends you like to see tracked, let us know.

YEAR	Budget ¹	Water Level Change ²	Total Wells	Total AcreFeet ³
2005	\$419,365	-.60	3,546	860,387
2006	\$434,250	-.57	3,540	859,582
2007	\$411,952	-.29	3,530	857,253
2008	\$438,965	-.89	3,526	856,900
2009	\$433,455	-.42	3,520	854,673
2010	\$454,450	.10	3,516	853,710
2011	\$569,125	-.50	3,513	852,330
2012	\$490,770	-.61	3,494	849,639
2013	\$561,680	-1.12	3,498	851,156
2014	\$519,587	+0.73	3,503	850,524
2015	\$496,397	+0.42	3,504	849,692
2016	\$469,915	-.55	3,502	848,846
2017	\$457,515	-0.52	3,502	848,480
2018	\$530,455	+0.35	3,501	848,190
2019	\$405,655	+0.25	3,497	847,592

¹ Operating budget w/o carryover for the calendar year

² Average change - entire GMD 4 network (January current year measurement (last years' decline))

³ Authorized appropriation quantities – all rights – GMD4 – January of following year – rounded to nearest AF

GMD 4 Comparison of Pumped Water To Appropriated Water

2013 Data (1/1/2013 - 12/31/2013)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	264,294	155,562	59%
Thomas County	208,792	119,596	57%
Sheridan County	163,929	76,248	47%

2014 Data (1/1/2014 - 12/31/2014)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	263,992	127,223	48%
Thomas County	208,265	106,280	51%
Sheridan County	164,156	77,651	47%

2015 Data (1/1/2015 - 12/31/2015)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	262,502	116,916	45%
Thomas County	208,172	95,429	46%
Sheridan County	163,025	69,943	43%

2016 Data (1/1/2016 – 12/31/16)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	263,746	118,864	45%
Thomas County	208,358	98,682	47%
Sheridan County	163,948	67,289	41%

2017 Data (1/1/2017 – 12/31/17)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	262,786	88,742	34%
Thomas County	208,785	75,906	36%
Sheridan County	163,428	53,017	32%

2018 Data (1/1/2018 – 12/31/18)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	263,552	82,392	31%
Thomas County	208,342	70,618	34%
Sheridan County	163,906	52,035	32%

The above Data is from the WIMAS data set. WIMAS does not filter by GMD, so only full county data is available.

2018 data is not yet available in WIMAS.

District Map

Northwest Kansas Groundwater Management District 4 Boundary



