

44th Annual Meeting Agenda

Open Meeting _____ Brent Rogers, President

Welcome

Introductions

Announcements

Presentation: Christopher "Chip" Redmond – KSU Mesonet Manager

43rd Annual Meeting Minutes (Page 3) _____ Jeff Deeds
(Motion required to adopt or amend)

2020 Operating Budget - Proposed (Page 6-7) _____ Roger Zwegardt
(Motion required to adopt for public hearing)

2018 Calendar Year Financials (Page 7) _____ Roger Zwegardt

Election of Board Positions (Ballots) _____ Lynn Goossen

Unfinished / New Business / Open Session _____ Brent Rogers

Soil Moisture Probe/VRI Program
WCA's

Announcement of Board Election Results _____ Brent Rogers

Adjournment _____ Brent Rogers
(Motion required)



Notes

District Personnel

February 2018 - February 2019 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	Mitch Baalman	Member	2/98	2/19
Graham # 9	Ted Nighswonger	Member	01/18	2/19
Logan # 10	Scott Maurath	Member	2/01	2/19
Gove # 11	Shane Mann	<u>Vice-President</u>	2/07	2/19

STAFF:

Ray Luhman, Manager
 Shannon Kenyon, Asst. Manager
 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.

43rd Annual Meeting Minutes – Colby, Kansas – Feb 7th, 2018

43rd Annual Meeting Minutes – City Limits Convention Center, Colby, Kansas, February 7th, 2018.

The 43rd annual meeting was opened at 1:44 P.M. CST, February 7th, 2018 at the City Limits Convention Center, Colby, Kansas. Board members present were:

Nate Emig
Karen Flanagan
Monty Biggs

Jeff Deeds
Lynn Goossen
Brent Rogers

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; Alexandra Davis-KWO

There were 147 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, staff.

President Rogers then turned over the meeting to Jeff Deeds for presentation of the 42nd annual meeting minutes, Goodland, Kansas, February 1st, 2017. Jeff 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.

Mitchell Baalman next presented the 2019 proposed operating budget. Mitchell reported that the 2019 budget was \$475,955. With no further questions or comments, the proposed 2019 budget of \$475,955 was moved and seconded to be approved on a unanimous voice vote.

Mitchell Baalman next presented the 2017 calendar year financials. Mitchell directed attention to the financial report contained in the annual meeting packet at page 7 & 8 and asked everyone to review the report. He summarized by reporting that the district brought in \$655,882; spent \$471,433. The total cash on hand reported as \$183,806. Following review and with no questions or comments, it was moved and seconded that the financials be approved on a unanimous voice vote.

Lynn Goossen next conducted the board elections. Lynn opened Position 2 (Rawlins/Decatur) announcing that Monty Biggs was the single candidate that had pre-filed. Lynn opened the floor for additional nominations for Position 2. A nomination for Jerry Rall was made and seconded. With no additional nominations,

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 3 (Sherman/Wallace County) announcing that Jeff Deeds was the single candidate that had pre-filed. Lynn then opened the floor for additional nominations for Position 3. A nomination for John Hendrich was made and seconded. With no additional nominations, it was moved and seconded that nominations for Position 4 cease and a ballot be cast. No further discussion, the motion passed unanimously by voice vote.

Lynn opened Position 5 (Thomas County) announcing that Karen Flanagin had pre-filed. Lynn opened the floor for additional nominations for Position 5. A nomination for Wilburn Holloway was made and seconded. It was moved and seconded that nominations for Position 5 cease. With no further discussion, the motion passed unanimously by voice vote.

Lynn opened Position 7 (Sheridan County) announcing that Brent Rogers had pre-filed. Lynn opened the floor for additional nominations for Position 7. A nomination for Pat Haffner was made and seconded. It was moved and seconded that nominations for Position 7 cease. With no further discussion, the motion passed unanimously by voice vote

Opportunity was given to each candidate to briefly speak to the audience of their desire to serve on the board of directors and their position.

Eligible voters then cast their ballots to be tallied by Adam Dees, Linda Franklin and Sarah McKenna.

As ballots were being tallied Weston McCary presented on the Precision Agriculture program at NW Tech College. Steven Walters also presented on several WCA's in the area and the flexibilities offered. Shannon Kenyon then presented on the Soil Moisture Probe/VRI program from the Northwest Kansas Groundwater Conservation Foundation and informed the audience of the upcoming Central Plains Irrigation Conference. Brent Rogers discussed the renewal of the SD 6 LEMA and the latest on the District-Wide LEMA. A question was answered concerning the SD-6 Advisory Committee. Brent then informed the audience that the annual meeting date will be moved from the first Wednesday in February to the second Wednesday in February and next year it will be in Hoxie. Freddie Lamm then discussed the upcoming Central Plains Irrigation Conference. A question was answered from the audience about GMD 4's interaction in the Republican River Compact.

Lynn Goossen then announced the election results with a tie in the Rawlins/Decatur 2 position, Jeff Deeds with 94 votes and John Hendrich with 79 votes in the Sherman/Wallace 3 position, Karen Flanagin with 91 votes and Wilburn Holloway with 81 votes in the Thomas 5 position, and Brent Rogers with 92 votes and Pat Haffner with 80 votes in the Sheridan 7 position.

Another vote was cast for the tie of the Rawlins/Decatur 2 position. Ballots were distributed to eligible voters and collected. Adam Dees, Linda Franklin, and Sarah

McKenna counted the ballots. Lynn Goossen announced Monty Biggs with 71 votes and Jerry Rall with 31 votes.

It was moved and seconded that the 43rd annual meeting of the Northwest Kansas Groundwater Management District No. 4 be adjourned. With no objections, President Rogers declared the 43rd annual meeting of the Northwest Kansas Groundwater Management District No. 4 adjourned.

Respectfully submitted

Jeff Deeds, Secretary

2020 Proposed Operating Budget

	2020 Proposed	
110 POSTAGE		\$5,000.00
111 Newsletter	\$3,000.00	
112 General	\$2,000.00	
120 PRINTING		\$2,800.00
121 Newsletter	\$2,200.00	
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	\$4,000.00	\$4,000.00
170 SALARIES AND BENEFITS		\$351,000.00
171 Gross Sal, Kpers, SS, Etc.	\$351,000.00	
172 Health Insurance		
180 TRAVEL		\$8,000.00
181 Board	\$6,000.00	
182 Staff	\$2,000.00	
190 VEHICLES		\$3,865.00

191 Repairs/Maintenance	\$1,000.00	
192 Operation	\$2,700.00	
193 Tags	\$165.00	
194 Purchase/Lease		
200 CONTRACTED SERVICES		\$90,700.00
201 Accounting	\$6,700.00	
202 Legal	\$40,000.00	
203 Misc. Support	\$29,000.00	
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		\$4,500.00
241 Field		
242 Office	\$4,500.00	
250 CONTINGENCY RESERVE		\$0.00
260 FACILITY		\$21,840.00
261 Rent	\$840.00	
262 Maintenance	\$14,000.00	
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		
	\$519,255.00	\$519,255.00

2018 Calendar Year Financial Report

STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS All Accounts – For the period January 1 - December 31, 2018

2018 INCOME (All sources):

Cash forward from 2017 (Cash) -----	\$183,806
County Assessments -----	\$450,225
Interest Earned (GMD4) -----	\$2,046
State Grant Income -----	\$0
Miscellaneous Income -----	\$482

2018 TOTAL INCOME: \$636,559

2018 EXPENDITURES:

Postage -----	\$3,026
Printing -----	\$2,342
Dues -----	\$350
Subscriptions -----	\$1,924
Insurance -----	\$12,788
Telephone -----	\$3,807
Salaries & Benefits -----	\$324,833
Travel -----	\$6,220
Vehicles -----	\$3,094
Contracted Services -----	\$58,365
Publications -----	\$564
Coop Programs -----	\$330
Administrative -----	\$6,435
Equipment -----	\$4,151
Facility -----	\$16,625
Reserve for contingency -----	\$226
Foundation -----	\$0

TOTAL 2018 EXPENDITURES ----- \$445,080

Cash on hand – 12/31/18 (All GMD 4 Accounts) ----- \$191,354

Foundation Cash – All (plus interest) – 12/31/18 ----- \$294,969

District Updates

1) Sheridan 6 LEMA

The SD 6 LEMA has successfully been continued for five more years beginning in 2018. If producers in that area had five inches per acre left in their account at the end of 2017, they would receive that for the 2018 – 2022 LEMA period.

Data collection in the region is on-going. Monitoring wells in the area have shown less aquifer decline than previous years. The second SD-6 LEMA has just come to a close and water use data and water table information are not available. An economic study conducted by Bill Golden suggests that producers inside the LEMA are profiting the same as those outside the LEMA. Overall, the feedback from producers in SD 6 is positive.

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 2019 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

NW Tech is in their third year of an exciting new and quickly expanding program, aimed to educate students on precision agriculture. All students that have graduated from this program have been employed and projections indicate more demand in the workforce than current students. The Northwest Kansas Groundwater Conservation Foundation has provided funds to assist them for the last three 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) District-Wide LEMA

2018 was the beginning of the GMD 4 LEMA and the producers we have heard from are doing a fine job keeping up with meter reading and monitoring their water usage. It helps to have a wet year so producers can bank LEMA quantities in case of drought. A reminder to read your meter often and quickly notify our office if your meter is not working. You also are required to have an alternative way to monitor your water usage. This could include but not limited to AgSense, power records, pivot hours, etc. Penalties and water suspensions are harsh if you cannot prove your water usage. Our office will assist you in the required paperwork and determining your water usage.

6) 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.

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	443	27	112	159	81	148	694	863	776	8
AF	102,648.4	3,857.0	21,504.5	28,782.1	16,149.5	30,882.6	161,420.6	259,553.8	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	19	7	16	0
AF	719.3	0.0	0.0	934.1	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	465	29	118	180	92	154	734	897	824	8
COUNTY-TOT-AF	104,537.7	4,082.0	21,952.4	30,786.6	17,152.4	31,101.0	163,905.6	263,551.5	208,342.1	2,779.0
GMD-TOT-WELLS	3,501									
GMD-TOT-AF	848,190.3									

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

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

2012 Data (1/1/2012 - 12/31/2012)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	264,759	175,753	66%
Thomas County	209,164	138,080	66%
Sheridan County	163,928	100,393	61%

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%

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



