

## 43rd Annual Meeting Agenda

**Open Meeting** \_\_\_\_\_ Brent Rogers, President

Welcome

Introductions

Announcements

Presentations: Weston McCary, NWTech College -Precision Agriculture  
Program

Steven Walters, DWR – Water Conservation Areas

**42<sup>nd</sup> Annual Meeting Minutes** (Page 3) \_\_\_\_\_ Jeff Deeds  
(Motion required to adopt or amend)

**2019 Operating Budget - Proposed** (Page 6-7) \_\_\_\_\_ Roger Zwegardt  
(Motion required to adopt for public hearing)

**2017 Calendar Year Financials** (Page 7 ) \_\_\_\_\_ Roger Zwegardt

**Election of Board Positions** (Ballots) \_\_\_\_\_ Lynn Goossen

**Unfinished / New Business / Open Session** \_\_\_\_\_ Brent Rogers  
Change Annual Meeting Date

**Announcement of Board Election Results** \_\_\_\_\_ Brent Rogers

**Adjournment** \_\_\_\_\_ Brent Rogers  
(Motion required)



Notes

## District Personnel

February 2017 - February 2018 Board:

POSITION	MEMBER	DUTY	FIRST ARRIVED:	SERVES TO:
Cheyenne #1	<b>Roger Zwegardt</b>	<u>Treasurer</u>	2/05	2/17
Rawlins/Decatur #2	<b>Monty Biggs</b>	Member	2/97	2/18
Sherman/Wallace #3	<b>Jeff Deeds</b>	<u>Secretary</u>	2/06	2/18
Sherman/Wallace #4	<b>Nate Emig</b>	Member	2/17	2/17
Thomas # 5	<b>Karen Flanagan</b>	Member	5/17	2/18
Thomas # 6	<b>Lynn Goossen</b>	Member	11/14	2/17
Sheridan # 7	<b>Brent Rogers</b>	<u>President</u>	2/09	2/18
Sheridan # 8	<b>Mitch Baalman</b>	Member	2/98	2/19
Graham # 9	<b>Doug David</b> (resigned 12/17)	Former Member	2/98	2/19
	<b>Ted Nighswonger</b> (appointed 01/18)	Member		
Logan # 10	<b>Scott Maurath</b>	Member	2/01	2/19
Gove # 11	<b>Shane Mann</b>	<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.

## 42nd Annual Meeting Minutes – Goodland, Kansas – Feb 1st, 2017

42nd Annual Meeting Minutes – Northwest Kansas Technical College, Goodland, Kansas, February 1<sup>st</sup>, 2017.

The 42nd annual meeting was opened at 1:44 P.M. MST, February 1, 2017, at the Northwest Kansas Technical College, Goodland, Kansas. Board members present were:

Dave Rietcheck  
Roger Zwegardt  
Justin Sloan  
Shane Mann

Jeff Deeds  
Lynn Goossen  
Brent Rogers  
Monty Biggs

Doug David  
Mitchell Baalman  
Scott Maurath

Others present were: Staff: Ray Luhman, Shannon Kenyon, Dan Simmering, Rita Wade; Adam Dees - attorney; Lane Letourneau, Kelly Stewart, Steven Walters and Chelsea Erickson - DWR; Tracy Streeter & Richard Rockel – KWO; Jonathan Aguilar – K-State Research and Extension; Brownie Wilson – KGS; Bill Golden – K-State; Shawn Beach - USDA.

There were 108 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, state agency staff, and former board members present.

President Rogers then turned over the meeting to Jeff Deeds for the presentation of the 41st annual meeting minutes, Hoxie, Kansas, February 10, 2016. Jeff directed attention to the annual meeting minutes printed in the annual meeting packet (page 3) and gave everyone a chance to review them. It was moved and seconded to accept the minutes on a unanimous voice vote.

Dave Rietcheck next presented the 2018 proposed operating budget. Dave reported that the 2018 budget was \$479,165. With no further questions or comments, the proposed 2018 budget of \$479,165 was moved and seconded to be approved on a unanimous voice vote.

Dave Rietcheck next presented the 2016 calendar year financials. Dave 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 \$699,821; spent \$491,167. The total cash on hand reported as \$208,654. Dave finally noted that the Foundation (not affiliated with the district) had a December 31, 2016, balance of \$440,058. Following review and with no

questions or comments, it was moved and seconded the financials be approved on a unanimous voice vote.

Justin Sloan next conducted the board elections. Justin opened Position 1 (Cheyenne County) announcing that Roger Zwegardt was the single candidate that had pre-filed. Justin opened the floor for additional nominations for Position 1. With no additional nominations, It was moved and seconded the nominations for Position 1 cease and a unanimous ballot be cast for Roger Zwegardt. With no further discussion, the motion passed unanimously by voice vote.

Justin opened Position 4 (Sherman/Wallace County) announcing that Nathan Emig and Jace Mossbarger pre-filed. Justin then opened the floor for additional nominations for Position 4. Each candidate spoke to the audience about their position. 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.

Justin opened Position 6 (Thomas County) announcing that Lynn Goossen and Tyler Hill had pre-filed. Justin opened the floor for additional nominations for Position 6. No additional nominations were made. Lynn Goossen spoke to the audience about his position. It was moved and seconded that nominations for Position 6 cease. With no further discussion, the motion passed unanimously by voice vote.

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

As ballots were being tallied Brent Rogers discussed several items of interest printed in the meeting packet. A discussion was also had about the proposed District-Wide LEMA with several questions asked and comments made.

Justin Sloan then announced the election results with Roger Zwegardt in the Cheyenne 1 position uncontested, Nathan Emig with 63 votes and Jace Mossbarger with 37 in the Sherman/Wallace 4 position, and Lynn Goossen with 59 votes and Tyler Hills with 32 votes in the Thomas 6 position.

It was moved and seconded that the 42nd annual meeting of the Northwest Kansas Groundwater Management District No. 4 be adjourned. With no objections, President Rogers declared the 42nd annual meeting of the Northwest Kansas Groundwater Management District No. 4 adjourned.

Respectfully submitted

Jeff Deeds, Secretary

## 2018 Proposed Operating Budget

The 2019 Proposed operating budget is a blend of the 2017 Expended and the 2018 revised budgets. It is the board's best estimate of what the district's operational costs are likely to be in 2019. The GMD membership is obligated to consider this budget at the annual meeting and make any recommendations to the board. The GMD 4 board will consider all comments and will schedule this final budget for a public hearing later in the year.

	2019 Proposed	
<b>110 POSTAGE</b>		<b>\$5,000.00</b>
111 Newsletter	\$3,000.00	
112 General	\$2,000.00	
<b>120 PRINTING</b>		<b>\$2,800.00</b>
121 Newsletter	\$2,200.00	
122 Administrative	\$600.00	
<b>130 DUES</b>	\$500.00	\$500.00
<b>140 SUBSCRIPTIONS</b>	\$3,700.00	\$3,700.00
<b>150 INSURANCE</b>		<b>\$15,400.00</b>
151 Office	\$15,000.00	
152 Public Officials' Liability		
153 Auto		
154 Workmans' Comp.		
155 Inland Marine		
156 Unemployment	\$400.00	
<b>160 TELEPHONE</b>	\$4,500.00	\$4,500.00
<b>170 SALARIES AND BENEFITS</b>		<b>\$329,500.00</b>
171 Gross Sal, Kpers, SS, Etc.	\$329,500.00	
172 Health Insurance		
<b>180 TRAVEL</b>		<b>\$12,000.00</b>
181 Board	\$10,000.00	
182 Staff	\$2,000.00	
<b>190 VEHICLES</b>		<b>\$4,165.00</b>
191 Repairs/Maintenance	\$1,600.00	
192 Operation	\$2,400.00	
193 Tags	\$165.00	
194 Purchase/Lease		
<b>200 CONTRACTED SERVICES</b>		<b>\$63,200.00</b>
201 Accounting	\$6,700.00	
202 Legal	\$40,000.00	
203 Misc. Support	\$5,000.00	
204 Legislative Support	\$11,500.00	
205 Drilling		
206 Weather Modification		
<b>210 PUBLICATIONS</b>		<b>\$1,000.00</b>
211 Legal Notices	\$1,000.00	
<b>220 COOP PROGRAMS</b>		<b>\$2,000.00</b>
221 Administrative		
222 Equipment		
223 Contracted Studies		
224 Education Program	\$2,000.00	
<b>230 ADMINISTRATIVE</b>		<b>\$6,350.00</b>
231 Office Supplies	\$2,500.00	

232 Copy Machine	\$1,200.00	
233 Computer Maint	\$1,000.00	
234 Postage Meter Lease	\$650.00	
235 Bank Charges		
236 Field Supplies	\$1,000.00	
<b>240 NEW EQUIPMENT</b>		<b>\$4,000.00</b>
241 Field	\$1,000.00	
242 Office	\$3,000.00	
<b>250 CONTINGENCY RESERVE</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>260 FACILITY</b>		<b>\$21,840.00</b>
261 Rent	\$840.00	
262 Maintenance	\$14,000.00	
263 Remodel/Purchase	\$0.00	
264 Building Utilities	\$7,000.00	
<b>REIMBURSED EXPENSES</b>		
<b>300 FOUNDATION</b>		<b>\$0.00</b>
305 Foundation Subscriptions		
325 Foundation Telephone		
345 Foundation Accounting		
350 Foundation Legal		
370 Foundation Tech Support		
	<b>\$475,955.00</b>	<b>\$475,955.00</b>

## 2017 Calendar Year Financial Report

### STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS All Accounts – For the period January 1 - December 31, 2017

<b>2017 INCOME (All sources):</b>	
Cash forward from 2016 (Cash) -----	\$209,465
County Assessments -----	\$444,349
Interest Earned (GMD4) -----	\$1,522
State Grant Income -----	\$0
Miscellaneous Income -----	\$546
<b>2017 TOTAL INCOME:</b>	<b>\$655,882</b>

2017 EXPENDITURES:

Postage -----	\$4,310
Printing -----	\$2,581
Dues -----	\$400
Subscriptions -----	\$3,225
Insurance -----	\$14,723
Telephone -----	\$4,088
Salaries & Benefits -----	\$342,281
Travel -----	\$10,813
Vehicles -----	\$5,367
Contracted Services -----	\$39,225
Publications -----	\$858
Coop Programs -----	\$486
Administrative -----	\$5,135
Equipment -----	\$1,160
Facility -----	\$28,339
Reserve for contingency -----	\$1,004
Foundation -----	\$0
TOTAL 2017 EXPENDITURES -----	\$463,995

Cash on hand – 12/31/17 (All GMD 4 Accounts) ----- \$183,806

Foundation Cash – All (plus interest) – 12/31/17 ----- \$368,833

**District Updates**

**1) Sheridan 6 LEMA**

After a public meeting, last spring the Sheridan 6 Advisory Committee made the recommendation to the GMD 4 Board of Directors to renew the SD 6 LEMA for another five years and to allow for up to five inches of carryover. After hearings were conducted, the SD 6 LEMA has successfully been continued for five more years. 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. 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 again this year beginning at the Annual Meeting. If you have received scholarships for two probes previously, you are eligible to receive \$500 towards Variable Rate Irrigation (VRI). Up to two will be allowed. 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 2018 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 second year of an exciting new program, aimed to educate students on precision agriculture. The Northwest Kansas Groundwater Conservation Foundation has provided funds to assist them for two years. In conjunction with the Kansas Water Office, NW Tech has been able to create several Water Technology Farms for the students to manage.

On these farms are soil moisture probes, VRI, AgSense, and a host of other technologies they work directly with the producer. 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 saving.

## **4) District-Wide LEMA**

In June 2017 the GMD 4 board of directors submitted a proposed District-Wide LEMA to the Chief Engineer of the Division of Water Resources. After review, a public hearing was held on August 23, 2017, to determine if there is a need for corrective controls if it is in the public interest, and if the geographic boundaries are reasonable. In September 2017, hearing officer Connie Owens determined in favor of the LEMA.

On November 14, 2017, a second public hearing was held to review the actions outlined in the proposed District-Wide LEMA. Due to an abundance of testimony, the record was held open until December 22, 2017, so additional testimony could be submitted. The Chief Engineer has 120 days after closing the record to accept the plan as proposed, reject the plan, or send it back to the GMD 4 board of directors with proposed modifications. As of the time of this printing, no determination has been received by the GMD 4 office.

## **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.

The first WCA approved in the state is from within the GMD 4 boundaries. 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 11, 2017

	CN	DC	GH	GO	LG	RA	SD	SH	TH	WA
<b>DOMESTIC WELLS</b>							5	1	7	
AF							30.7	8.4	14.0	
<b>HYD DREDGE WELLS</b>										
AF										
<b>INDUSTRIAL WELLS</b>	3	2		4	2		3	12	9	
AF	55.0	225.0		483.4	22.7		25.6	1,468.8	957.0	
<b>IRRIGATION WELLS</b>	443	27	112	159	81	148	696	863	776	8
AF	102,654.0	3,857.0	21,504.5	28,987.1	16,149.5	30,882.6	161,755.8	259,713.8	203,622.6	2,779.0
<b>MUNICIPAL WELLS</b>	10		5	7	7	3	9	15	14	
AF	1,073.9		438.9	587.0	959.8	107.4	737.6	2,285.5	2,591.9	
<b>RECREATION WELLS</b>	3		1		1		3		2	
AF	36.2		9.0		15.0		404.5		15.0	
<b>STOCKWATER WELLS</b>	6			10	1	3	18	7	16	
AF	724.8			756.4	9.4	111.0	993.7	269.5	1,157.2	
<b>EVAP WELLS</b>										
AF										
<b>COUNTY-TOT-WELLS</b>	465	29	118	180	92	154	734	898	824	8
<b>COUNTY-TOT-AF</b>	104,543.9	4,082.0	21,952.4	30,813.9	17,156.4	31,101.0	163,947.9	263,746.0	208,357.7	2,779.0
<b>GMD-TOT-WELLS</b>	3,502									
<b>GMD-TOT-AF</b>	848,480.2									

## 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 <sup>1</sup>	Water Level Change <sup>2</sup>	Total Wells	Total AcreFeet <sup>3</sup>
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

<sup>1</sup> Operating budget w/o carryover for the calendar year

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

<sup>3</sup> 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%

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

2017 data is not yet available in WIMAS.

# District Map

## Northwest Kansas Groundwater Management District 4 Boundary



