# Kansas Department of Agriculture Division of Water Resources

## **CHANGE: P/D WORKSHEET**

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
7052		C1	4	3
6. Status: ⊠ Approved □ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				3/14/2022
8a. Applicant(s)  New to system □	Person ID 66892 Add Seq#	8c. Landown	S. D. Green	Person IDAdd Seq#
BRIAN L & DAWN M GRA 2546 RD AA DEERFIELD, KS 67838	AHAM			
8b. Landowner(s)  New to system □	Person IDAdd Seq#		stem 🗌	Person IDAdd Seq#
8a		8a		
9. Documents and Enclosure(s):   D\	VR Meter(s) Date to Comp	ly: <b>12/31/2022</b>	N & P Date to 0	Comply: 3/1/2023
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form	☑ Water Tube    ☑ Dr	iller Copy ⊠ H & E Letter
☐ Conservation Plan Date Requir	ed: Da	ate Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: <b>4/7/20</b> Date Entered:	<b>22</b> ву: <b>АМ</b> Ву:

File No. <b>7052</b>		11. County:	FI	Ва	sin: Al	RKAN	SASF	RIVER			S	tream	:						F	ormation Code:	211 Special Us	e:
12. Points of Diver CHK MOD DEL PDIV ENT	rsion Qualifier	S	Т	R	ID	ŧ	N	'W	r.	Com	nment	(AKA	Line)			Authori	uantity zed Quantit af	у	A Rate gpm		y Overlap PD Files	
DEL 62167																						
ENT	NE SE SE	6	235	34W		79	94	152	!						1740	0	320		174	0 320	NONE	
13. Storage: Rate		1	NF		ntity					ac/ft	Α	dditior	nal Rat	te				NF	Add	itional Quantity		ac/ft
14. Limitation:		af/yr a	at								cfs) w	hen co	ombine	ed with	file n	umber	(s)					
Limitation:		af/yr a	at				gpm (_				cfs) w	hen co	ombine	ed with	file n	umber	(s)					
15. 5YR Allocation:	Allocation	Туре	_ Sta	art Year			5 YR	Amou	nt		Amo	ount U	nit	_	Base	Acres		_ C	omment.			
16. Place of Use CHK				NE	Ξ1/4			NV	V¹/4			SV	N¹/4			S	E¼		Total	Owner C	hg? Overlap Files	
MOD DEL ENT PUSE	STR	ID	NE 1/4		SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4				
CHK 11740																						
Base Acres: Comments:	Year:	M	linimun	n Reas	onable	Quar	ntity:															



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

April 7, 2022

BRIAN L & DAWN M GRAHAM 2546 RD AA DEERFIELD, KS 67838

RE:

Filed Office Application for Change

Water Right, File No. 7052

Dear Sir or Madam:

Enclosed is the order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

#### **CERTIFICATE OF SERVICE**

On this 7<sup>th</sup> day of April, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 7,052 dated 7<sup>th</sup> day of April, 2022 was mailed postage prepaid, first class, US mail to the following:

BRIAN L & DAWN M GRAHAM 2546 RD AA DEERFIELD, KS 67838

Pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

Division of Water Resources Staff

Submit completed application to: Kansas Department of Agriculture Division of Water Resources Field Office for your area. Call for address:

Topeka -- (785) 296-5733 Stafford -- (620) 234-5311 Stockton -- (785) 425-6787 Garden City -- (620) 276-2901 http://agriculture.ks.gov/dwr

# DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



#### STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended. Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

File No. <u>7052</u>										ECEIVED 11: 20 Am 1AR 1 4 2022
Application is hereby made for approval of the Chief Engi     □ Place of Use		ange t			ne or b	oth):		D	Garde ivision	en City Field Off of Water Resou
under the water right which is the subject of this application					ndition	s desc	ribed b	elow.		
The source of supply is:		Surfac								
, no council or cappi, i.e.										
2. Name and address of Applicant: <u>BRIAN L &amp; DAWN M G</u>	RAHAM									
2546 RD AA, DEERFIELD, KS 67838	11 1 - 1		,		ric	2 6	)	,,	-	<b>5</b> .
Phone Number: (620) 640 2987 Em  Name and address of Water Use Correspondent: Same	nall addres	ss:	91	hah	510	5 0	gm	all	,(0)	
ivalite and address of vvaler ose correspondent. Same							and the second s			
Phone Number: () Em	nail addres	ss:								
3. The presently authorized place of use is:										
Owner of Land NAME: Same										
ADDRESS:										
(If there is more than one landowner, attach supplemental sheets	s as neces	sary.)				Γ			П	
NE¼ NW¼				V1/4	051/	NE¼	SE¼ NE¼ NW¼ SW¼ SE¼		SE¼	TOTAL ACRES
Sec. Twp. Range NE½ NW½ SW½ SE½ NE½ NW½ SV	N1/4 SE1/4	NE¼	NW¼	SW¼	SE¼	NE%	NW¼	SVV74	SE74	
If this application is for a change in place of use, it is propound the company of the company of the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use, it is propound to the change in place of use.  Appropriate in the change in the cha	oosed that	the pla	ace of	use be	e chan	ged to	:			
ADDRESS:(If there is more than one landowner, attach supplemental sheet:	s as neces	590/ )								
NE% NW%	3 43 110003	July	SV.	V <sup>1</sup> / <sub>A</sub>			SE	=1/4	T	TOTAL
	N¼ SE¼	NE1/4	NW¼	SW1/4	SE¼	NEV		SW1/4	SE¼	ACRES
				•					1	
For Office Use Only: CodeFee \$_200.00	TD #		D.	coint	Data	3.14	(_a_	Chee	L #	30.53
roi Office Use Only: Code ree \$ree	IK#		^6	ceipt		3-1-		Cirec	n #r	0000

5.	Presently authorized point of diversion:
	One in the NE Quarter of the NW Quarter of the SE Quarter
	of Section6, Township23South, Range34W,
I	in FI County, Kansas, 2590 feet North 1649 feet West of Southeast corner of section.
	Authorized Rate No Change Authorized Quantity No Change Depth of well (feet)
	(DWR use only: Computer ID No. 6 GPS feet North feet West)
	☐ This point will not be changed ☐ This point will be changed as follows: ☐ No change, point better described with GPS as follows:
	Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
I	One in the SE Quarter of the SE Quarter
l	of Section6, Township23South, Range34W,
	in FI County, Kansas, 794 feet North 152 feet West of Southeast corner of section.
	Proposed Rate No Change Proposed Quantity No Change Proposed well depth (feet) 302
L	This point is:  Additional Well Geo Center List other water rights that will use this point
	Presently authorized point of diversion:
	One in the Quarter of the Quarter of the Quarter
	of Section, Township South, Range (E/W),
	in County, Kansas, feet North feet West of Southeast corner of section.
	Authorized Rate Authorized Quantity Depth of well (feet)
	(DWR use only: Computer ID No GPS feet North feet West)
	This point will not be changed  This point will be changed as follows: No change, point better described with GPS as follows:
	Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
	One in the Quarter of the Quarter
	of Section, Township South, Range(E/W),
	in County Veneral feet North foot Meet of Southeast corner of section
	in County, Kansas, feet North feet West of Southeast corner of section.
	Proposed Rate Proposed Quantity Proposed well depth (feet)
L	This point is: Additional Well Geo Center List other water rights that will use this point
	(please be specific) \( \sum_{\text{oss}} \sum_{\text{production}} \) \( 300 \ 200 \ 100 \ 0 \ 100 \ 0 \ 100 \ 200 \ 300 \ \) \( \frac{100 \ 200 \ 300 \ 100 \ 0 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \
	If a well, is the test hole log attached? $\boxtimes$ Yes $\square$ No $200 = 1 + 1 + 1 = 200$
	The change(s) (was)(will be) completed by?  100
	If the point of diversion is a well:
	R)va   Cap
	(b) When will this be done?
	(a) What are you going to do with the old well?  West 0  100  100  100  100  Groundwater Management District recommendation attached?  Yes No
c	Assisted by mdf/GCFO
ia	South Scale: 1 hashmark=10 ft feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
(a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?  Yes No (If no, all owners must sign this application.)
<ul> <li>(b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?</li> <li>☐ Yes</li> <li>☐ No</li> <li>(If yes, all owners must sign this application.)</li> </ul>
(c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?  ☐ Yes ☐ No (If no, all owners must sign this application.)
f the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).
hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on heir behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.  Dated at 3-14-22 London Lity Kansas, this 14 day of March 20 32.
Bran Graham  (Owner)  Brian Graham  (Please Print)
By an Graham (Please Print) (Please Print)
(Owner) (Spouse)
(Please Print) (Please Print)
(Owner) (Spouse)
(Please Print) (Please Print)
State of Kansas ) SS
I hereby certify that the foregoing application was signed in my presence and sworn to before me this 14 day of warch 20 33
JULIE JONES My Appointment Expires December 15, 2022  Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.
FEE SCHEDULE
Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set borth in the schedule below: Make checks payable to: Kansas Department of Agriculture  (1) Application to change a point of diversion 300 feet or less

#### SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

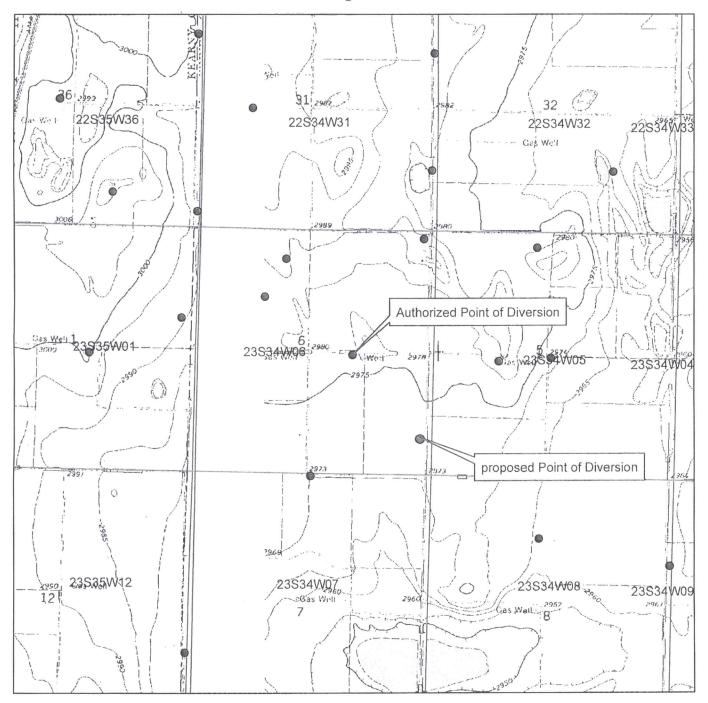
This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, et seq. and other applicable provisions of the Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq., and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 7052 A change application was received on March 14, 2022 requesting that the place of us diversion authorized under the above-referenced file number be changed as described in the application. requesting that the place of use and / or point of On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a foot radius of the authorized point(s) of diversion. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. ☐ Applicable ☒ Not Applicable The point(s) of diversion authorized herein shall not actually be located more than \_ authorized point(s) of diversion. 

☐ Applicable ☐ Not Applicable feet from the previously As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. **M** Applicable ☐ Not Applicable The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before **December 31, 20** 1, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. ☐ Not Applicable Applicable Installation of the works for diversion of water shall be completed on or before December 31, 20 22, or within any authorized extension of time. By March 1, 20 23 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. ☐ Not Applicable Applicable Applicable ☐ Not Applicable The completed well log shall be submitted with the required notice. 10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. ☒ Applicable ☐ Not Applicable 11. Additional Conditions are attached. 12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law. FOR OFFICE USE ONLY Administrative Appeal and Effective Date of Order APPLICATION APPROVED AND If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief SUMMARY ORDER ISSUED Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within 15 days of service of this Order and a request for Duly Authorized Designee of the Chief Engineer administrative review by the Secretary must be filed within 30 days pursuant to K.S.A. 77-531. Any request for administrative (Print Name): Asollo 25/10 Division of Water Resources - Kansas Department of Agriculture review must state a basis for review pursuant to K.S.A. 77-527. File any request with Kansas Department of Agriculture, Date of Issuance: Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may State of Kansas preclude review under the Kansas Judicial Review Act. SS For Use by Register of Deeds County of Acknowledged before me on Signature: Notary Public STATE OF JULIE JONES My commission expires My Appointment Expires (Notary Seal) December 15, 2022

File No. 7052

", PUBLIC "

# Change in point of diversion for water right 7052





 $W \stackrel{N}{\rightleftharpoons} E$ 

- Authorized point of diversion
- Proposed point of diversion

All wells within 1/2 mile are on this map.

X\_\_\_\_\_



# MIDWEST WELL & PUMP

PO BOX 692, Garden City, Kansas 67846

(620)275-1920

B1:4-2

Owner Name:

Graham Farms

Address:

2150 Rd. 220

City, St. Zip:

Deerfield, KS 67838

GPS:

N.38.07804 W.101.08497

Contact #:

Cory 620-272-3074

Location:

SE ¼ 6-23-34 Finney County

From Old Well:

About 1/3 Mile South East

Date: 9/27

Test Hole: 1-18

Driller: Soukup

1

Dig Safe#18450314

Static Water Level About:190'

Total Depth: 302' Black Shale

FROM:	-	TO:	STRATA:					
	0	2	Top Soil					
	2	20	Brown Clay					
	20	60	Brown Clay With Few Small Fine Sand Streaks					
	60	62	Medium To Coarse Sand RECEIVED					
	62	95	Brown Clay With Few Small Fine Sand Streaks					
	95	96	Medium To Coarse Sand MAR 1 1 2022					
	96	121	Brown Clay With Few Small Fine Sand Streaks  Garden City Field Office					
	121	122	Medium To Coarse Sand Small Gravel  Division of Water Resources					
	122	127	Brown Clay With Few Small Fine Sand Streaks					
	127	135	Medium To Coarse Sand Small Gravel					
	135	142	Medium To Coarse Sand Small Gravel With Brown Clay Mix 50/50					
	142	159	Medium To Coarse Sand Small Gravel With White Broken Rock					
	159	170	Brown Clay					
	170	190	Medium To Coarse Sand Small Gravel And Brown Rock					
	190	203	Brown Clay Few Medium To Coarse Sand Small Gravel And Brown Rock Streaks					
	203	212	Fine To Coarse Sand Small Gravel With White Broken Rock					
	212	214	Fine To Coarse Sand Small Gravel Brown Clay Mix 50/50					
	214	233	Medium Sand Small Gravel Few Small Cemented Sand Streaks					
	233	250	Brown Clay With Fine To Medium Sand Some Small Gravel And Cemented Streaks					
	250	257	Brown Clay Few Very Small Fine To Medium Sand Streaks					
30	257	273	Fine To Medium Sand					
	273	278	Fine To Medium Sand With Brown Clay Streaks 50/50					
	278	282	Fine Sand (Loose)					
11	282	288	Medium To Coarse Sand Small Gravel With White Broken Rock					
10%	288	291	Medium To Coarse Sand Small Gravel With White Broken Rock Few Small Brown Clay Streaks					
CAR	291	293	Medium To Coarse Sand Small Gravel With White Broken Rock					
	293	300	Yellow Soap Stone With White Broken Rock Streaks					
	300	302	Black Shale					
	-							
			Est: 650 Gpm					
The Control of the Co								
		L						



## Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street

Garden City, Kansas 67846

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

April 6, 2022

RECEIVED

APR 06 2

Garden City Field Office
Division of Water Resources

RE:

Application for Change in Point of Diversion

Water Right, File No. 7052

Dear Austin:

Austin McColloch

Division of Water Resources 4532 W Jones Ave., Suite B

Garden City, Kansas 67846

We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (2.0 ft with saturated thickness between 75-100ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. We did have one neighboring well contact us. We reviewed the process and our analysis and made sure they had all available information. They did not submit any formal comment. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest

Assistant Manager

## **GMD3** Change Review

File No(s).: <u>7052</u>. DWR office: <u>GC</u>.

App filed to change: \_PD.

Is Landowner(s) correct in WRIS: Brian & Dawn Graham.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? \_\_\_.

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) <u>06</u> being changed.

	ft. North	ft. West	
Authorized PD	2590	1649	Sect 6-23-34
Proposed PD	794	152	
Difference	1796 s	1497 e	
a2 + b2 = c2	3225616	2241009	2338.081 foot move SE

GPS for proposed PD: Lat: <u>38.07804</u> Long: <u>-101.08497</u>.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: \_\_\_.

Name Patricia Bird %Robert Knoll (382).

Address 1604 Grandview East.

Zip Garden City, KS 67846.

Email: knollsinc@yahoo.com Phone: 620-640-4857.

Name John Meyer Family Trust (4389)
Address 774 Mays Blvd, Suite 10-644.
Zip Incline Village, NV 89451.

Email: <u>broth63@hotmail.com</u> Phone: <u>620-272-1297</u>.

Name Roger & Randall Unruh (9599).

Address <u>625 S Cowgirl Dr.</u>

Zip Garden City, KS 67846.

Email: runruh@wbsnet.org Phone: 620-271-8893.

Name Skip Crist (15134).

Address 1605 Grandview Dr E.

Zip Garden City, KS 67846.

Email: skcrist@hotmail.com Phone: 620-275-7881.

Name Meeker Incorporated %Rhonda Bolding (18785).

Address 14135 E Meeker Rd. Zip Garden City, KS 67846.

# **GMD3** Change Review

Email: <u>rbolding@hotmail.com</u> Phone: <u>620-276-3042</u>.

They stopped in office prior to us getting the application, going off DWR letter. We discussed the area rules and that we would be contacting them after our analysis is done. We did send out our notice and analysis results. Followed that up with another email to confirm they had time to review or if they had any questions. Have not received any official comment from them.

Name	Tyler A Unruh ET AL (24659).
Address	<u>106 Ryan</u> .
Zip	Holcomb, KS 67851.
Email:	tunruh 22@outlook.com Phone: 620-805-2100.
Name	Triple G Farms (27461).
Address	2156 Road 220.
Zip	Deerfield, KS 67838.
Email:	cweatherred@gmail.com Phone: 620-272-3074.
Domestic	e well(s) notified:
	Allen T & Cheryl Unruh Trust (W2 SW section 6-23-34.
	13195 W 7 Mile Rd.
	Deerfield, KS 67838.
Base Acr	
	1 Acres:
	m-Flow%
Finney C	•
	ly authorized: 320AF @ 1740gpm
_	d WU (2012-2021): 201.5AF/year
-	d 550gpm on 2018 WUR
	1D3 inspection showed 277gpm.
Current	well drilled to 310ft in 1998
Proposed	d well around 300ft. Drillers logs shows estimated rate of 6

Proposed well around 300ft. Drillers logs shows estimated rate of 650gpm.

Is a waiver needed: \_Move is less than half mile. Minimum spacing to neighboring

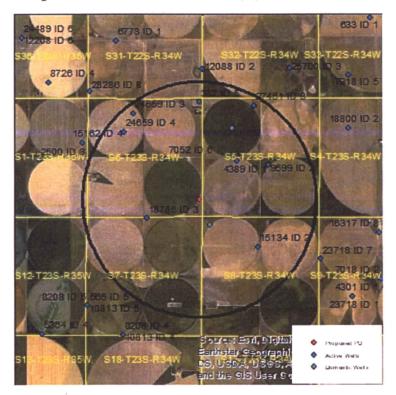
wells appears to be met. Analysis results showed no critical wells.

Recommendation: <u>After review of all available information, it appears current area rules are met.</u> No critical wells determined. Staff therefore recommends approval of the

application.

#### Evaluation of proposed move for Water Right No. 7052

Proposed: Move water right no. 7052 to a new well location, 2,343 ft to the southeast.



Wells within 1 mile: 24659 ID3, 24659 ID4, 382, 27461, 4389, 9599, 18785, 15134, a domestic well in section 5-23-34, and a domestic well in section 8-23-34.

The saturated thickness at the proposed well location is estimated to be 95 ft, based upon the driller's log and an observation well in section 6-23-34. For saturated thickness between 75 ft and 100 ft, the drawdown allowance is 2.0 ft.

**50 year Theis Analysis:** The following values were used to run the analysis:

$$S = 0.1626$$
,  $T = 12,391$  ft<sup>2</sup>/day,  $tp_{current} = 165$  days,  $Q_{current} = 277$  gpm,  $tp_{proposed} = 41.6$  days,  $Q_{proposed} = 1740$  gpm

Theis drawdowns were calculated as follows:

24659 ID3: Drawdown from current location = 1.18 ft

Drawdown from proposed location = 1.37 ft

Net drawdown = 0.2 ft

24659 ID4: Drawdown from current location = 1.25 ft

Drawdown from proposed location = 1.45 ft

Net drawdown = 0.2 ft

382:

Drawdown from current location = 1.09 ft

Drawdown from proposed location = 1.51 ft

Net drawdown = 0.4 ft

27461:

Drawdown from current location = 0.85 ft

Drawdown from proposed location = 1.38 ft

Net drawdown = 0.5 ft

4389:

Drawdown from current location = 1.05 ft

Drawdown from proposed location = 2.52 ft

Net drawdown = 1.5 ft

9599:

Drawdown from current location = 0.85 ft

Drawdown from proposed location = 1.77 ft

Net drawdown = 0.9 ft

18785:

Drawdown from current location = 1.13 ft

Drawdown from proposed location = 2.43 ft

Net drawdown = 1.3 ft

15134:

Drawdown from current location = 0.76 ft

Drawdown from proposed location = 1.83 ft

Net drawdown = 1.1 ft

Domestic 5-23-34:

Drawdown from current location = 1.04 ft

Drawdown from proposed location = 1.76 ft

Net drawdown = 0.7 ft

Domestic 8-23-34:

Drawdown from current location = 1.00 ft

Drawdown from proposed location = 4.67 ft

Net drawdown = 3.7 ft

Net drawdown exceeds the drawdown allowance of 2.0 ft for the domestic well in section 8-23-34. Critical well analysis was conducted for that well.

#### **Critical Well Evaluation:**

#### Domestic 8-23-34:

Water Column = 103 ft

DP = 3.7 ft (Net drawdown from the proposal indicated above)

DE = 35.3 ft (Water level decline from 2022 through 2047 based upon GMD3 model)

DT = 39.0 ft

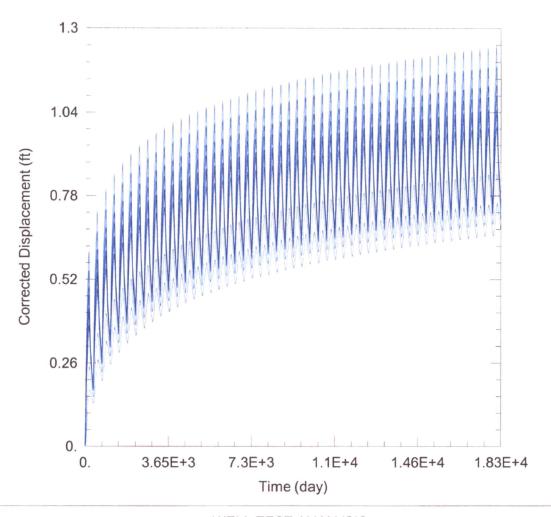
Economic Drawdown Constraint (EDC) = 0.4 \* 103 ft = 41.2 ft

Physical Drawdown Constraint (PDC) = 103 ft - 20 ft = 83.0 ft

Total drawdown of 39.0 ft is less than the EDC and PDC, so this well is not critical.

#### Conclusion:

The proposed move is in an area with less than 100 ft of saturated thickness, but based on the GMD3 model, is unlikely to have noticeable effects on neighboring wells. GMD3 staff recommends approval of the application.



#### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\7052\7052 Current.aqt

Date: 03/24/22 Time: 15:26:39

#### PROJECT INFORMATION

Company: GMD 3 Project: 7052

Location: Finney County

#### WELL DATA

Pumping vveils						
Well Name	X (ft)	Y (ft)				
7052	-83692	439983				

Well Name	X (ft)	Y (ft)
	-83692	439983
□ 24659 ID3	-85184	442045
24659 ID4	-85631	441212
□ 382	-82187	442528
· 27461	-79713	442378
· 4389	-80497	439901
<ul><li>9599</li></ul>	-79058	439707
18785	-84564	437331
· 15134	-79559	436053

-80715

-81716

441368

437054

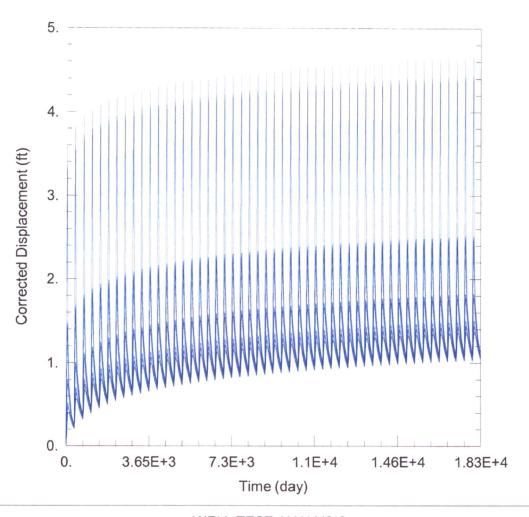
**Observation Wells** 

#### SOLUTION

Califica Mashead. Their

Domestic 5-23-34

Domestic 8-23-34



## WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\7052\7052 Proposed.aqt

Date: 03/24/22 Time: 15:26:32

#### PROJECT INFORMATION

Company: GMD 3 Project: 7052

Location: Finney County

#### WELL DATA

P	umping Wells	
Well Name	X (ft)	Y (ft)
7052	-82192	438183

Well Name	X (ft)	Y (ft)
D.	-82192	438183
□ 24659 ID3	-85184	442045
□ 24659 ID4	-85631	441212
<b>382</b>	-82187	442528
<b>27461</b>	-79713	442378
· 4389	-80497	439901
9599	-79058	439707
<b>18785</b>	-84564	437331
· 15134	-79559	436053
<ul> <li>Domestic 5-23-34</li> </ul>	-80715	441368
<ul> <li>Domestic 8-23-34</li> </ul>	-81716	437054

**Observation Wells** 

#### SOLUTION

California Markhard. Their



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

March 30, 2022

GROUNDWATER MANAGEMENT DISTRICT #3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re:

Request for Recommendation,

File No. 7052

#### Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Brian & Dawn Graham and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Austin McColloch

Assistant Water Commissioner

Enclosure

pc:



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

March 15, 2022

MEEKER INCORPORATED 14135 E MEEKER RD GARDEN CITY, KS 67846

RE:

Application for Change

Water Right, File No. 7052

Dear Sir or Madam:

This is to advise you that Brian Graham has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced applications. An irrigation well is proposed to be relocated to the NE½SE½SE¼ of Section 6, Township 23 South, Range 34 West, Finney County.

You can find the complete applications posted by water right file number as referenced above at: <a href="https://www.Agriculture.ks.gov/DWRNotices">www.Agriculture.ks.gov/DWRNotices</a>

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM:

enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

March 15, 2022

JOHN MEYER FAMILY LLC 774 MAYS BLVD SUITE 10-644 INCLINE VILLAGE, NV 89451

RE:

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Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3