# 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:
14298.01	11-2-2021	C2	4	3
6. Status: ☐ Approved ☐ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				10/8/2021
8a. Applicant(s)  New to system □	Person ID 59476 Add Seq#	8c. Landown		Person ID 66308 Add Seq#
LAKIN DAIRY LLP Attn: FEEDYARD PO BOX 323 LAKIN, KS 67860-0323		RODEN PO BO		& JOHANNA A
8b. Landowner(s)  New to system □	Person ID	8d. WUC New to sy	rstem 🗌	Person ID
8a		8a		
9. Documents and Enclosure(s): 🛛 D\	VR Meter(s) Date to Compl	y: <b>12/31/2022</b>	N & P Date to	Comply: <u>3/1/2023</u>
☐ Anti-Reverse Meter ☐ Meter	Seal	☑ N & P Form		riller Copy 🛛 H & E Letter
☐ Conservation Plan Date Requir	red: Da	te Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: <b>11/2/2</b> Date Entered:	<b>2021</b> By: <b>AM</b> By:

File No. 14298.01	11. County: K	Œ	Bas	sin: ARI	KANS	SAS R	IVER			St	ream:							Fo	rmation Code	: 211 Special Us	se:
12. Points of Diversion CHK MOD DEL PDIV															and Qu			Ac	lditional		
DEL PDIV ENT Qualifier	S -	Т	R	ID	1	Ν	ʻW		Com	ment (	(AKA L	ine)		Rate		Quantit af	y	Rate gpm		Overlap PD Files	
DEL 25657																					
ENT NE SW SE	29 2	5S 3	86W		11	81	168	2						20		12		20	12	37773.01; 2020	9072
13. Storage: Rate	NF	=	Quan	itity					ac/ft	Ad	ddition	al Rat	e		-		NF	Addit	tional Quantit	У	ac/ft
14. Limitation: af/yr at gpm ( cfs) when combined with file number(s)																					
Limitation: af/yr at gpm ( cfs) when combined with file number(s)																					
15. 5YR Allocation: Allocation T	уре	Sta	rt Year			5 YR	Amoui	nt		Amo	unt Ur	nit	_	Base	Acres		_ Co	mment _			
16. Place of Use CHK			NE	1/4			NV	J <sup>1</sup> / <sub>4</sub>			sv	V¹/4	) S20		S	E1/4		Total	Owner (	Chg? Overlap Files	
MOD DEL ENT PUSE S T R	ID	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	NE 1/4	NW 1/4	SW 1/4	SE 1/4				
CHK 7866																					
CHK 34065																					
							=														
Base Acres: Year: Comments:	Mir	nimum	n Reaso	onable	Quan	itity:															

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

November 2, 2021

LAKIN DAIRY LLP Attn: FEEDYARD PO BOX 323 LAKIN, KS 67860-0323

RE:

Filed Office Application for Change

Water Right, File Nos. 14298.01 & 37773.01

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 numbers.

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.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment

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

Sincerely,

Michael A. Meyer

Water Commissioner

MAM:am enclosures

pc:

Ferdinand & Johanna Rodenhuis

GROUNDWATER MANAGEMENT DISTRICT NO. 3

#### **CERTIFICATE OF SERVICE**

On this 2<sup>nd</sup> day of November, 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 14,298.01 and 37,773.01 dated 2<sup>nd</sup> day of November, 2021 was mailed postage prepaid, first class, US mail to the following:

LAKIN DAIRY LLP Attn: FEEDYARD PO BOX 323 LAKIN, KS 67860-0323

Pc:

FERDINAND RITSEMA & JOHANNA A RODENHUIS PO BOX 389 LAKIN, KS 67860

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.

					F	ile No	. <u>142</u> 9	8-01									3:1	1VED 0 PM 8 2021
1.	Application is he	ereby r	nade fo	or appr		f the C		nginee		nange t			ne or b	oth):				Field Office ter Resource
	1-11-1												r.c.					
	under the water	_		s the si				ation i	-				ndition	s desc	ribed	below.		
	The source of s	upply i	S:		⊠ G	round	water			Surfac	ce wate	er						
2.	Name and addr					DAIRY	LLP								-			
	Phone Number:							Email	addre	ss:								
	Name and addr																	
			. y. m. p.															
	Phone Number:	(	)					Email	addre	ss:								
3.	The presently a	uthoriz	ed pla	ce of u	se is:													
	Owner of Land	NA	AME:	NO CH	HANGE	Ξ												
		ADDR	ESS:															
	(If there is more t	nan one	landov	vner, at	tach su	ppleme	ental sh	eets as	neces	sary.)								
St	ec		NE	Ξ1/4			N\	N <sup>1</sup> / <sub>4</sub>			SV	V1/4			SI	E1⁄4		TOTAL
	Twp. Range	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
				/														
4.	If this application Owner of Land (If there is more the	NA ADDR	AME: ESS:											_				
			NE	Ξ1/4			N\	N1/4			SV	N1/4			SI	E1⁄4		TOTAL
S	ec. Twp. Range	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
	For Office Use	Only:	Code		Fe	e \$ <u></u>	00.00	2 TR	#		Re	eceipt	Date _	10-8	21	Chec	:k#_8	682

5. <b></b>	Presently author	ized point	of diversion:				
			Quarter of the	SE	Quarter of the	SE	Quarter
			, Township				
			County, Kansas, <u>1265</u>				
- 1			Authorized Quantity				
			ID No. <u>07</u> GF				
			d This point will be change				
	Proposed point of	of diversio	n: (Complete only if chang	ge is request	ed or if existing point is	better describe	ed by GPS)
	One in the	NE	Quarter of the	SW	Quarter of the	SE	Quarter
			, Township				
			County, Kansas, <u>1181</u>				
	Proposed Rate		Proposed Quantity _		Proposed well depth	(feet)5	03'
	This point is:	Additional V	Vell   Geo Center List of	other water rig	hts that will use this point	37773-01 & 202	209072
6.	Presently author						
	One in the		Quarter of the Township		Quarter of the		Quarter
	of Section		, Township		South, Range		(W),
	in		County, Kansas,	feet North _	feet West of S	Southeast corne	er of section.
	Authorized Rate _		Authorized Quantity		Depth of well	(fee	et)
			ID No GE				
	☐This point will no	t be change	d This point will be chang	ed as follows:	No change, point better de	scribed with GPS	S as follows:
	Proposed point of	of diversio	n: (Complete only if change	ge is request	ed or if existing point is	better describe	ed by GPS)
			Quarter of the				
	of Section		, Township		South, Range		(W),
			County, Kansas,				
			Proposed Quantity _				
L	This point is:	Additional V	Vell   Geo Center List of	other water rig	hts that will use this point		
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9.	The change(s) (wa	s)(will be) c	ompleted by?		_/ =		
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10.	If the point of diver	sion is a we	II:				1
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	(b) When will this	be done? _		100	[\' ' ' ]		
							/=
11.			trict recommendation attache	ed? 200	-141-	1 + 1 + 1	1 = 200
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12	Assisted by AM / C	CEO			<u> </u>	<del>Hardinilin</del>	LLL
				30	0 200 100 0 South	100 200 Scale: 1 hashma	300 ark=10 ft
13a	.If the proposed poi	nt of diversion	on will be relocated more than	300	350tti	Scare. I nasimo	

<u>feet but within 2,640 feet</u> of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater 13b. If the proposed point of diversion will be relocated <u>within a 300</u> foot radius of the existing point of diversion, indicate its location 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

foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

4. 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.)
(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?  ☐ Yes ☐ No (If yes, all owners must sign this application.)
(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 gent (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
x In Inch
(Spouse)
(Please Print) (Please Print)
* 2
(Spouse)
(Please Print) Toka Rodenhus (Please Print)
(Flease Fillit)
(Owner) (Spouse)
(Please Print) (Please Print)
State of Kansas )
County of FINNEY SS
I hereby certify that the foregoing application was signed in my presence and sworn to before me this STT day  CATHERINE REINERT  NOTARY PUBLIC STATE OF KANSAS My App. Exp. Sept. 14, 2022
My Commission Expires OTGELL. Notary Public
DNLY 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 he appropriate fee must be paid.
<u>FEE SCHEDULE</u>
Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set orth in the schedule below: Make checks payable to: Kansas Department of Agriculture
(1) Application to change a point of diversion 300 feet or less
(3) Application to change the place of use

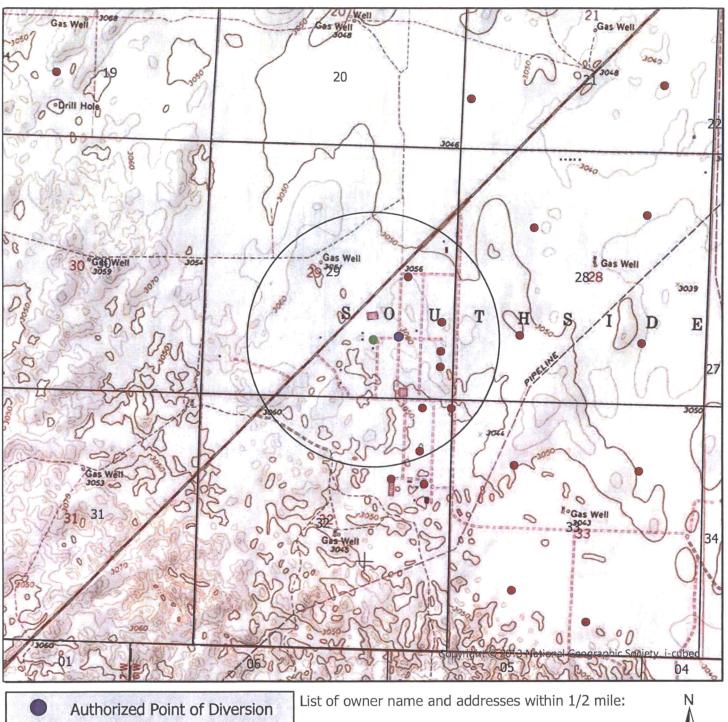
#### SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

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. 14298-01 change application was received on <u>October 8, 2021</u> requesting that the place of us diversion authorized under the above-referenced file number be changed as described in the application. A change application was received on 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 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 Months 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. Applicable 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 22, 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. Applicable 1 Not 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 3 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. **V**Applicable ☐ Not Applicable The completed well log shall be submitted with the required notice. Applicable ■ Not Applicable 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 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, SUMMARY ORDER ISSUED you may request an evidentiary hearing before the Chief 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 MICHAEL A. MEYEN (Print Name): review must state a basis for review pursuant to K.S.A. 77-527. Division of Water Resources - Kansas Department of Agriculture File any request with Kansas Department of Agriculture, 202 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: mes Notary Public JULIE JONES My commission expires: My Appointment Expires (Notaryo Seal) 15, 2022

# CHANGE IN PD WATER RIGHT, FILE NOS. 14298-01 & 37773-01

SE1/4 of Section 29 Township 25 South Range 36 West Kearny County



Proposed Point of Diversion

Permitted Water Right

Domestic Well within 1/2 mile

1/2 mile buffer

All Owned by Applicant



0 0.13 0.25 0.5 Miles

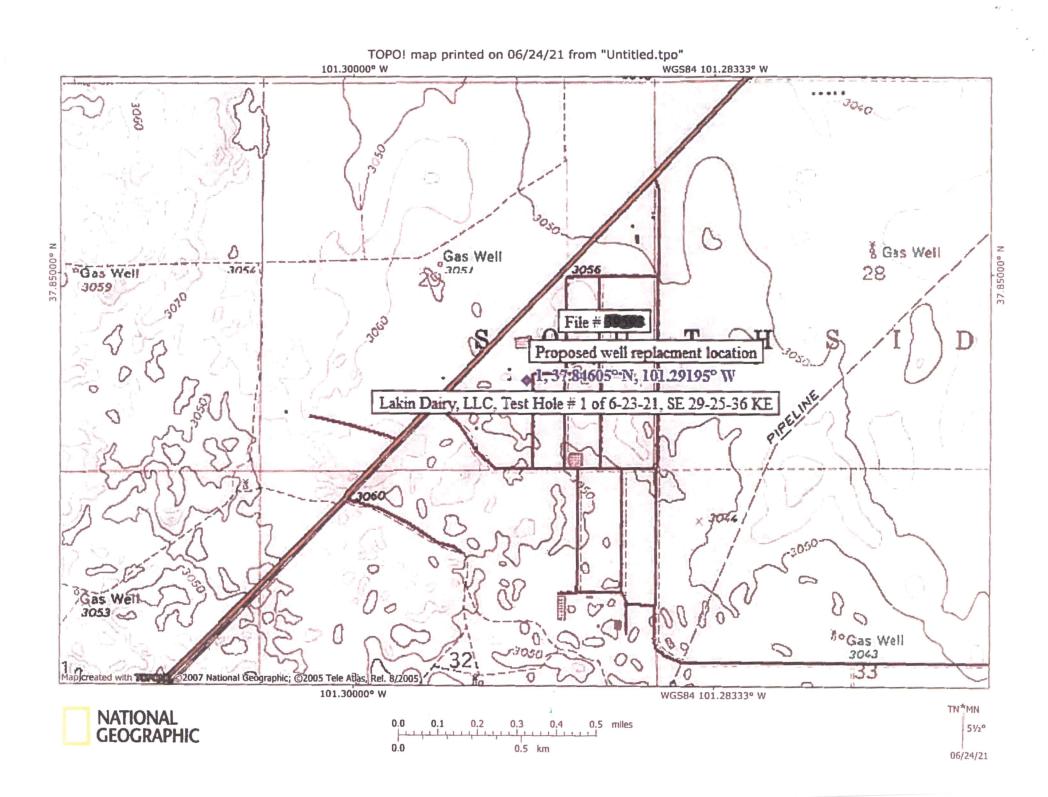
By signing below I agree that all wells, including domestic, and owners names and addresses within 1/2 mile of the proposed point of diversion have been shown on the map

Date AM/GCFO 1:24,000 Scale 3795 W. Jones Ave. Garden City, KS 67846 PH: 620-277-2389



Garden City, KS 67846 Fax: 620-277-0224

Customer	Name:	1 akin T	Dairy . L.L	P	WO#: 21991	Date: 6-23-21
Street Add	iress:	P.0	Box 38	3	Test #: /	E LOG: NO
City, State		LAK	NKS	61860	Test #:   Driller: Oak Gu	I to M
County:	Kanan	Quarter:	ŚF	Section: 29	Township: 25	Range: 36
Location:	SOL	Magney &	17'W	EST & EVICE WELL	GPS: N37. 84605 W101.	19/95
Rig #:	10003	40/4/1		Elevation: 3054	Static WL: Approx. 172	Estimated?
1119	10003				Proposed Well Depth	503
NEF	0 51	IRFACI	FCA	ISING	WELLLOCATION	
1166		Footage		101/10	-07-2-0-11-00	20'Sump
%	From	Pay	То		Description of Strata	4.7
/4	0	1 4.7	2	Top Soil		
	2		10	Fine Sand		
	10		16	Fine Sand + Clas	Mirad	
			93	Fl. M. J. Cause	Sand Small Med Some	Lana Carral
	93		136	Brown Sandy C	Jana Small / 100 Some	Tarde (Arave)
	-		184	Blue Clay	149	
15	136	011	-	E' M/F	Sand W/Many Clay Lay	
15	184	24	208	Fine Med Course S	Sand Williamy Clay Lay	/4/5
25	208	11	221	Fine Fled Course	Sand Small Gravel	
	221	7	229	Brown Sandy Clay	· · · · · · · · · · · · · · · · · · ·	
25	229	/	236	Fine Med Course	Sand	
	236	1.0	239	Brown Sandy Cl Fine Sand w/So	ay / MI	
5	239	16	255	Fine Sand w/So	me clay Mixed	
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- (	260		279	Grown Sandy Cla	y w/Fam. Fine Sand Sto	ips
5	279	26	305		w/Some Fine Sand	Strips
30	305	45	350	Fine Med Course	Sand W/Tan Bock	
<i>†</i>	350		362	Brown Sondy Cl		
10	362	26	388	Fine Few Med Sa	nd w / Few Clay Layer.	r .
15	388	39	427	Sandstone w/ Som	& Brown Rock + Few Yel	low Soupstone Stringers
10	427	12	440	Sandstone w/ Few	Soupstone Stringers	
15	440	43	483	Sandstone		
	483		500	Blue Shale		FILE 39593
					Super Gel X	- 9
					Grout	- 5
					Growt Hole Plus Perma Plus	-6
					Perma Plus	-1





# 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

November 1, 2021

Michael A. Meyer Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

RE:

Applications for Change in Point of Diversion Water Right, File Nos. 14298.01 & 37773.01

Dear Mike:

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

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 (3.5 ft in cases where saturated thickness is between 150-200 ft), 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 all of the neighboring wells were well under the maximum allowable threshold and did not need further evaluation. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved. 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

RECEIVED

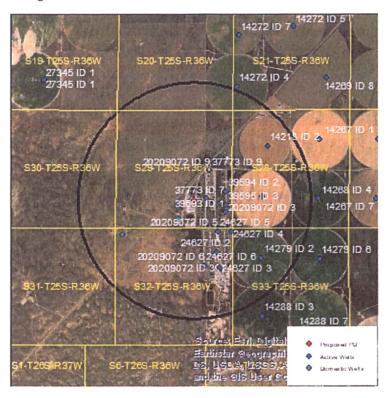
NOV 01 2021

# GMD3 Change Review

File No(s).: 1429	8.01 & 37773.	<u>.01</u> .	DWR office: GC	<u>.</u> .
App filed to chang	e: <u>PD</u> .			
Is Landowner(s) co	orrect in WRIS	S: Lakin D	Dairy.	
1,7	ocumentation			
Is Water Use Corre			S?	
	ocumentation			
Regulation(s) Rev				
Point of diversion			aged	
Tollit of diversion		_ being enai ft. West	iged.	
Authorized PD	1265	1145	Sect 29-25-36	
Proposed PD	1181	1682	Sect 25-25-30	
Difference	84 s	-537 w		
a2 + b2 = c2	7056	288369	543.5301 foot move SW	
			Long: -101.29195.	
	-		Moving both WRs, no new stack	ina
	_	_		mg.
Is Proposed PU ov			No Change.	
Neighboring certif	ied well(s) no	imed:		
Name				
Address				
Zip				
Email: Pho				
Domestic well(s) r	notified:			
Name				
Address				
Zip				
Base Acres:				
Perfected Acres: _				
Irr. Return-Flow _	%			
14298.01 authoriz	zed: 12AF @	20gpm		
37773.01 authoriz	zed: 53AF @	86gpm		
Combined To	otal: 65AF@	106gpm		
Recent avg repor	ted use: 27.80	04AF/year	(2011-2020). 100gpm reported i	n 2013.
Proposed well de	pth of 503 w/2	20'sump. R	oughly same depth of all the we	lls
reported in that s	ection on WV	VC5.		
Is a waiver needed	: Move is le	ss than half	mile and minimum spacing appea	rs met to
			cts well within our guidelines and	
wells found.				
F 1	After review	v of all avail	lable information, the proposed me	ove meets
			Fore recommends approval of the	
applications.			4 0	
approductions.			1/11	

#### Evaluation of proposed move for Water Right Nos. 14298 & 37773

Proposed: Move water right nos. 14298 & 37773 to a new well location 541 ft to the southwest.



Wells within 1 mile: 37773, 39593, 39594, 39595, 24627 ID2, 24627 ID3, 24627 ID4, 24627 ID5, 24627 ID6, 14218, 14268, 14279, a domestic well in section 29-25-36, and a domestic well in section 32-25-36.

The saturated thickness at the proposed well location is estimated to be 187 ft, based upon GMD3 model. For saturated thickness between 150 ft and 200 ft, the drawdown allowance is 3.5 ft.

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

S = 0.1093, T = 7923.1 ft<sup>2</sup>/day,

 $tp_{current} = 63$  days (based on average use and reported rate),  $Q_{current} = 100$  gpm (last reported rate),  $tp_{proposed} = 139$  days,  $tp_{proposed} = 106$  gpm

Theis drawdowns were calculated as follows:

37773: Drawdown from current location = 0.52 ft

Drawdown from proposed location = 0.81 ft

Net drawdown = 0.3 ft

39593: Drawdown from current location = 0.58 ft

Drawdown from proposed location = 0.81 ft

Net drawdown = 0.2 ft

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39594:	

Drawdown from current location = 0.62 ft

Drawdown from proposed location = 0.81 ft

Net drawdown = 0.2 ft

39595:

Drawdown from current location = 0.63 ft

Drawdown from proposed location = 0.83 ft

Net drawdown = 0.2 ft

24627 ID2:

Drawdown from current location = 0.31 ft

Drawdown from proposed location = 0.61 ft

Net drawdown = 0.3 ft

24627 ID3:

Drawdown from current location = 0.26 ft

Drawdown from proposed location = 0.54 ft

Net drawdown = 0.3 ft

24627 ID4:

Drawdown from current location = 0.39 ft

Drawdown from proposed location = 0.67 ft

Net drawdown = 0.3 ft

24627 ID5:

Drawdown from current location = 0.44 ft

Drawdown from proposed location = 0.75 ft

Net drawdown = **0.3** ft

24627 ID6:

Drawdown from current location = 0.27 ft

Drawdown from proposed location = 0.57 ft

Net drawdown = **0.3 ft** 

14218:

Drawdown from current location = 0.22 ft

Drawdown from proposed location = 0.46 ft

Net drawdown = 0.2 ft

14268:

Drawdown from current location = 0.30 ft

Drawdown from proposed location = 0.55 ft

Net drawdown = 0.2 ft

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Drawdown from current location = 0.23 ft

Drawdown from proposed location = 0.47 ft

Net drawdown = 0.2 ft

Domestic 29-25-36:

Drawdown from current location = 0.45 ft

Drawdown from proposed location = 0.94 ft

Net drawdown = 0.5 ft

Domestic 32-25-36:

Drawdown from current location = 0.21 ft

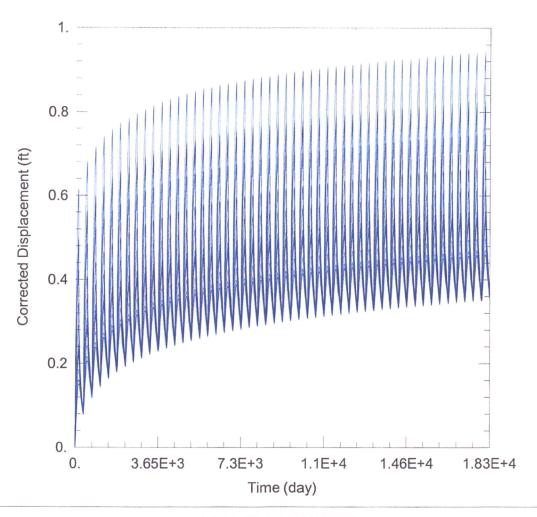
Drawdown from proposed location = 0.50 ft

Net drawdown = 0.3 ft

Net drawdown does not exceed the drawdown allowance of 3.5 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

#### **Conclusion:**

The proposed move is likely to create minimal effects on neighboring wells and is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



## WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\14298\_37773\14298 & 37773 Proposed.aqt

Date: 10/29/21 Time: 14:51:29

# PROJECT INFORMATION

Company: GMD 3
Project: 14298 & 37773
Location: Kearny County

#### **WELL DATA**

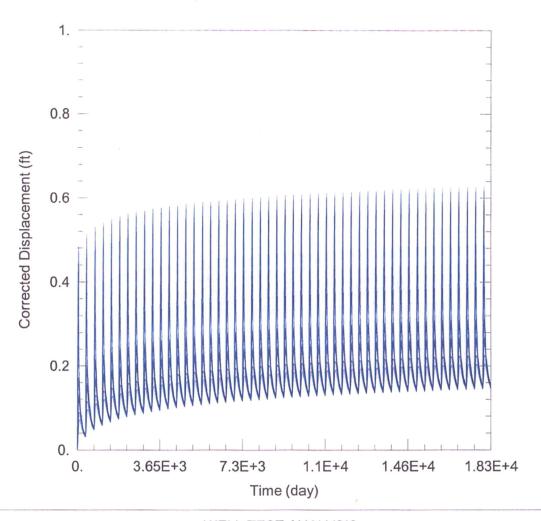
Pu	mping Wells	
Well Name	X (ft)	Y (ft)
14298 & 37773	-142217	353951

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Observa	ation Wells	
Well Name	X (ft)	Y (ft)
	-142217	353951
· 37773	-141522	355283
<b>39593</b>	-140790	353422
<b>39594</b>	-140785	354358
<b>39595</b>	-140788	353750
- 24627 ID2	-141175	351655
□ 24627 ID3	-141063	350969
□ 24627 ID4	-140534	352565
□ 24627 ID5	-141141	352558
□ 24627 ID6	-141755	351057
· 14218	-138898	356381
· 14268	-139140	354128
· 14279	-139183	351411
Domestic 29-25-36	-142925	353146



## WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\14298\_37773\14298 & 37773 Current.aqt

Date: 10/29/21 Time: 14:51:36

## PROJECT INFORMATION

Company: <u>GMD 3</u> Project: <u>14298 & 37773</u>

Location: Kearny County

## **WELL DATA**

Pu	mping Wells	
Well Name	X (ft)	Y (ft)
14298 & 37773	-141682	354032

Observat	tion Wells	
Well Name	X (ft)	Y (ft)
	-141682	354032
<b>37773</b>	-141522	355283
<b>39593</b>	-140790	353422
<b>39594</b>	-140785	354358
<b>39595</b>	-140788	353750
□ 24627 ID2	-141175	351655
□ 24627 ID3	-141063	350969
□ 24627 ID4	-140534	352565
□ 24627 ID5	-141141	352558
□ 24627 ID6	-141755	351057
<ul><li>14218</li></ul>	-138898	356381
<b>14268</b>	-139140	354128
· 14279	-139183	351411
Domestic 29-25-36	-142925	353146

Water Rights and Points of Diversion Within 1 mile of point defined as: 1181 Feet N and 1682 Feet W of the Southeast Corner of Section 29 Twp 25S Rng 36W Located at: 101.291949 West Longitude and 37.846051 North Latitude Both SURFACE WATER and GROUNDWATER

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Unit																			_	
A	14218	00	IRR	NK	G		4113			NC	NW	3583	3673	28	25	36W	2		218.00	218.00
AF																				
A	14268	00	IRR	NK	G		3081			NC	SW	1329	3916	28	25	36W	6		334.00	334.00
AF																				
A	14279	00	IRR	NK	G		3965			NC	NW	3902	4063	33	25	36W	2		292.00	292.00
AF																				
A	14298	01	STK	NK	G*∠	4	<b>&gt;</b> 540		NW	SE	SE	1265	1145	29	25	36W	7		12.00	12.00
AF																				
A	24627	01	STK	NK	G		2521		SW	NE	NE	4172	707	32	25	36W	2		16.50	16.50
AF																				
A	24627	02	STK	NK	G		3197		NC	SE	NE	3488	600	32	25	36W	3		13.80	13.80
AF																				
A	24627	03	STK	NK	G		2179					5088	80	32	25	36W	4		51.00	51.00
AF																				
A	24627	04	STK	NK	G		1760		NW	NE	NE	5075	680	32	25	36W	5		13.80	13.80
AF																				
A	24627	05	STK	NK	G		2930		NW	SE	NE	3573	1287	32	25	36W	6		42.70	42.70
AF																				
A	37773	01	STK	NK	G* 4		<b>→</b> 540		NW	SE	SE	1265	1145	29	25	36W	7		53.00	53.00
AF																				
A	37773	02	STK	NK	G		1502		NW	NE	SE	2517	995	29	25	36W	9		106.36	106.36
AF																				
	39593	00	STK	NK	G		1521	NC	E2	SE	SE	660	250	29	25	36W	1		25.01	15.99
AF																				
A	39594	00	STK	NK	G		1488		SE	NE	SE	1600	250	29	25	36W	2		25.01	.00
AF																				
A	39595	00	STK	NK	G		1442		NE	SE	SE	990	250	29	25	36W	3		25.01	.00
AF																				
r20	209072	00	STK	GY	G		540		NW	SE	SE	1265	1145	29	25	36W	7		325.16	.00
AF																				
Same							1442		NE	SE	SE	990	250	29	25	36W	3			
Same							1488		SE	NE	SE	1600	250	29	25	36W	2			
Same							1502		NW	NE	SE	2517	995	29	25	36W	9			
ame							1521	NC	E2	SE	SE	660	250	29	25	36W	1			
Same							1760		NW	NE	NE	5075	680	32	25	36W	5			
Same							2179					5088	80	32	25	36W	4			
Same							2521		SW	NE	NE	4172	707	32		36W	2			
Same							2930					3573				36W	6			
Same							3197					3488		32		36W	3			
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An \* after the source of supply indicates a pending application for change under the file number. An \* after the ID indicates a 15 AF exemption was granted under the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1 mile of point defined as: 1181 Feet North and 1682 Feet West of the Southeast Corner of Section 29 Twp 25S Rng 36W Located at: 101.291949 West Longitude and 37.846051 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS:

WATER USE CORRESPONDENTS	*	
File Number Use ST SR > FRED RITSEMA & YOKA R > LAKIN DAIRY > PO BOX 389 > LAKIN KS 67860	l .	
> YOST FARMS > 1106 RD AA > LAKIN KS 67860	14268	
> FRED RITSEMA & YOKA R > LAKIN DAIRY > PO BOX 389 > LAKIN KS 67860	CODENHUIS TRUSTS	Giran M.
> YOST FARMS > 1106 RD AA > LAKIN KS 67860	14298.01	Application
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	24607.0	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	24627.02	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	24629.03	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	24627,04	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	246271.05	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	37773.01	Application
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860	37773,02	
> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860 >	39593	
> LAKIN DAIRY LLP	39594	

App /zanc > FEEDYARD > PO BOX 323 > LAKIN KS 67860 >-----> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860 >-----> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860 > LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860 >-----> LAKIN DAIRY LLP > FEEDYARD > PO BOX 323 > LAKIN KS 67860

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Garden City Field Office
Division of Water Resources

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

October 12, 2021

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re:

Request for Recommendation

Water Right, File Nos. 14298.01 & 37773.01

Dear Mr. Norquest:

This is to advise you that Lakin Diary LLP, has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion.

We are delaying action on the change applications to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM Enclosures