Submit To:
CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502-5000
http://agriculture.ks.gov/dwr

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

WATER RESOURCES
RECEIVED

R MAR 12 2025

13.28

KS Dept. of Agricultus ate of Kansas

STATUTORY FILING FEE MUST ACCOMPANY THIS APPLICATION Please refer to the Fee Schedule attached to this application form.

		File Number:	51454	
		This item to be completed by the	ne Division of Water Resources staff	
		PID 64577	,	
1.	Name of Applicant: Hemin	k Farms LTD		
	Address: 2635 CR 521			
				p Code: <u>79043</u>
	Phone: 806/240-5852	E	mail: lars@spandetdairy.com	
2.	The source of water is:	surface water in	(stre	an)
		groundwater in Buckne	er/Upper Arkansas	am)
		groundwater in	(drainage	e basin)
3.	The maximum annual qua	ntity of water desired is 350	<u> </u>	acre-feet gallons
	to be diverted at a maximu	m rate of 600	gpm c.f.s. n	atural flows
	☐ This project involves su	ırface water storage and re-	diversion. The maximum anr	nual quantity of water desired to be
	rediverted is	acre-feet	gallons, at a rate of	gpm c.f.s.
	1 (1 acre-foot (AF 1 million gallons (m	sion Factors f) = 325,851 gallons g) = 3.07 acre-feet (AF)) = 448.8 gallons per minute ((gpm)
dive cert	rsion and maximum reques	ted annual quantity of wate	er under that priority number of	er, the requested maximum rate of can NOT be increased. Please be ter are appropriate and reasonable
4.	The water is intended to be	e appropriated for the follow	ring use(s):	
	☐ Artificial Recharge*	■ Irrigation*	☐ Recreational*	☐ Water Power*
	☐ Industrial*		☐ Stockwatering*	☐ Sediment Control
	□ Domestic	Dewatering	☐ Hydraulic Dredging	☐ Fire Protection
	☐ Thermal Exchange	☐ Contamination Re	emediation	
		t submit a supplemental fo tem No. 3 for the intended ι		substantiate your request for the
				3/31/2025
	9, 11			LMoody
	EQ 4 GMD 3		GW County GY By KJN	3/19/25
Cod			ceipt Date 3-12-25	Check # / \(\& / \)

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5. The location(s) of the proposed diversion work(s) (well, pumpsite, etc.) are described below. Note that for the application to be accepted, the point of diversion location(s) <u>must</u> be described to at least a 10-acre tract, unless you specifically request a 60-day period of time in which to locate the site within a specifically described, minimal legal quarter section of land. You can specify a nickname for the point of diversion via the A.K.A. line to help you identify it.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300-foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800gpm and which supply water to a common distribution system.

P/D

		The state of the s
91612	(A)	One in the SW quarter of the SW quarter of the NW quarter of Section 24 , more particularly described as being near a point 2702 feet North and 4825 feet West of the Southeast corner of said section, in Township 24 South, Range 28 DE W, GRAY County, KS. A.K.A: D3
	(B)	One in the quarter of the quarter of the quarter of Section, more particularly described as being near a point feet North and feet West of the Southeast corner of said section, in Township South, Range DE DW, County, KS. A.K.A:
	(C)	One in the quarter of the quarter of the quarter of Section, more particularly described as being near a point feet North and feet West of the Southeast corner of said section, in Township South, Range DE DW, County, KS. A.K.A:
	(D)	One in the quarter of the quarter of the quarter of Section, more particularly described as being near a point feet North and feet West of the Southeast corner of said section, in Township South, Range DE DW, County, KS. A.K.A:
	(E)	One in the quarter of the quarter of the quarter of Section, more particularly described as being near a point feet North and feet West of the Southeast corner of said section, in Township South, Range DE DW, County, KS. A.K.A:
6.		proposed project for diversion of water will consist of 1 well (number of wells, pumps, dams, etc.) was/will be completed on or by the following date: (date each was or will be completed)
7.	The	first actual application of water for the proposed beneficial use was or is estimated to be 7/1/2025 (Date)
8.	dive to e	any application, appropriation of water, water right, or vested right file number that covers the same point(s) of ersion or any of the same place of use described in this application. Also list any other recent modifications made xisting permits or water rights in conjunction with the filing of this application. V application for a Dakota Well to provide additional authority to existing authorized quantities. Application will overlap existing
	WR	s 21819, 16803, 13865, 12456, 12315, 21820 & 23295 with the same places of use for IRR in Sections 24 & 25-T24S, R28W
	and	Sections 30 & 31-T24S, R27W. Additional authority will be for irrigation use. Maximum authority of 350 ac-ft is requested.

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JZJ		
A. C.	File No.	

	Tile 140.										
9.	KS Dept. of Agriculture Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?										
	Yes No If yes, a check valve shall be required. All chemigation safety requirements must be met including a chemigation permit and reporting requirements.										
10.	If you are planning to impound water, please contact DWR prior to submitting this application. Please attach a reservoi area capacity table and inform us of the total acres of surface drainage area above the reservoir. N/A										
	Have you made an application for a permit for construction of this dam and reservoir with DWR?										
	If yes, write the Water Structures permit number here:										
11.	Furnish a detailed topographic or aerial map that depicts the following information:										
	The application <u>must</u> be supplemented by a topographic map, aerial photograph or a detailed plat showing the information described in A-D below.										
	(A) The center of the section, the section lines or the section corners, and labels showing the appropriate section township and range numbers, as well as a north arrow and scale,										
	(B) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works described in Item No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section,										
	(C) The location of the proposed place of use identified by crosshatching,										
	(D) For Groundwater Use, the location of any existing water wells of any kind within ½ mile of the proposed well of wells and indicate for each well its type of use and the name and mailing address of the property owner or owners (If there are no wells within ½ mile, please indicate that on the map.)										
	For Surface Water Use, the names and addresses of the landowner(s) $\frac{1}{2}$ mile downstream and $\frac{1}{2}$ mile upstream from your property lines, and										
	(E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any othe structures for the purpose of storing, conveying, or using water.										
12.	For groundwater use, furnish copies of the driller's logs for all test holes or completed wells. Please ensure that the driller's logs provide depth to the static water level. If driller's logs cannot be obtained for an existing well, provide the following information:										
	Well location as shown in Item No. 5 (A) (B) (C) (D) (E)										
	Date drilled 10/30/2024										
	Total depth of well 760' test hole										
	Depth to static water level										
	The owner(s) of the point of diversion, if other than the applicant is: mink Farms, LTD										
	(name, address, and phone)										
-	(name, address, and phone)										
	(manual additional)										

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MAR 1 2 2025 File No
KS Dept. of Agriculture
14. The owner(s) of the property where the water is used, if other than the applicant, is:
Hemink Farms, LTD
(name, address, and phone)
(name, address, and phone)
15. The relationship of the applicant to the proposed place where the water will be used is that of:
Owner Agent Tenant Other:
16. A water use correspondent (WUC) must be designated. The WUC will be mailed the annual water use report, which must be filed with the Division by March 1 of each year. Failure to timely file an accurate water use report will subject the owner(s) to a civil fine of up to \$1,000 and potential suspension of the water appropriation or right. By signing this application, I verify that the owner(s) of the water right or permit have confirmed that the following person or agent should be designated as the WUC:
Hemink Farms, LTD, c/o Arch Frink, PO Box 1088, Cimarron, KS 67835
(name, address, and phone)
17. I understand that if this application is approved, there could be times, as determined by the Division of Water Resources when I would not be allowed to divert water. This could affect the economics of my decision to appropriate water. Situations where this might occur may include times when minimum desirable streamflow (MDS) requirements are not met, when Assurance District or Water Marketing releases are made from storage in federal reservoirs, when a Water Reservation Right upstream of a federal reservoir is administered, or when water rights administration becomes necessary to prevent impairment.
I declare, under penalty of perjury, that I have legal access to or control of, the point(s) of diversion described in this application from the landowner or the landowner's authorized representative.
By signing below, I verify that the information set forth above is true to the best of my knowledge, I agree with a statements made above, and that this application is submitted in good faith.
Jars 3/4/25
(Applicant Signature) (Date)
Lars Schilderink
(Applicant Name – please print)
Manager
(Applicant Title, if applicable – please print)

(office/title)

Date: _

Assisted by ___

FEE SCHEDULE

MAR 1 2 2025

Make checks payable to the Kansas Department of Agriculture.

KS Dept. of Agriculture

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic, waterpower, dewatering, or sediment control use, shall be (see No. 2 below if requesting storage):

Million Gallons (mg)	Acre-Feet (AF)	Fee
≤ 32.585	≤ 100	\$200.00
32.586 - 104.272	100.1 - 320.0	\$300.00
> 104.272	> 320	\$300.00 plus \$20 for each additional 100AF (32.586mg) or any part thereof

2. The fee for an application in which storage of water is requested, except for domestic use, shall be:

Million Gallons (mg)	Acre-Feet (AF)	Fee
≤ 81.462	≤ 249.9	\$200.00
≥ 81.463	≥ 250	\$200.00 plus \$20 for each additional 100AF (32.586mg) or any part thereof

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for **waterpower** or **dewatering** use shall be \$100.00 plus \$200.00 for each 44,880 gallons per minute (100 c.f.s.), or part thereof, of the diversion rate requested.

IMPORTANT NOTICE

If this application is approved, the applicant shall notify the Chief Engineer when the diversion works (well, pump, reservoir, pit, etc.) has/have been completed via the *Notice of Completion of Diversion Works* form (DWR 1-203.11) and along with the statutorily required field inspection fee of:

- \$200.00 for sediment control use or groundwater pits for industrial use, or
- \$400.00 for all other uses made of water

Failure to complete the diversion works by the deadline specified in the *Approval of Application and Permit to Proceed* (or any subsequent extension of time of said deadline) and/or failure to submit the proper notice and field inspection fee will result in the dismissal of the appropriation and forfeiture of any priority associated with it.

For assistance with this application, please contact the Division of Water Resources (DWR).

Manhattan HQ 1320 Research Park Dr. Manhattan, KS 66502 785-564-6638 Topeka Field Office 1131 SW Winding Rd, Ste 400 Topeka, KS 66615 785-296-5733 Stafford Field Office 300 S. Main St Stafford, KS 67578 620-234-5311 Stockton Field Office 820 S. Walnut Stockton, KS 67669 785-425-6787 Garden City Field Office 4532 W. Jones Ave, Ste B Garden City, KS 67846 620-276-2901

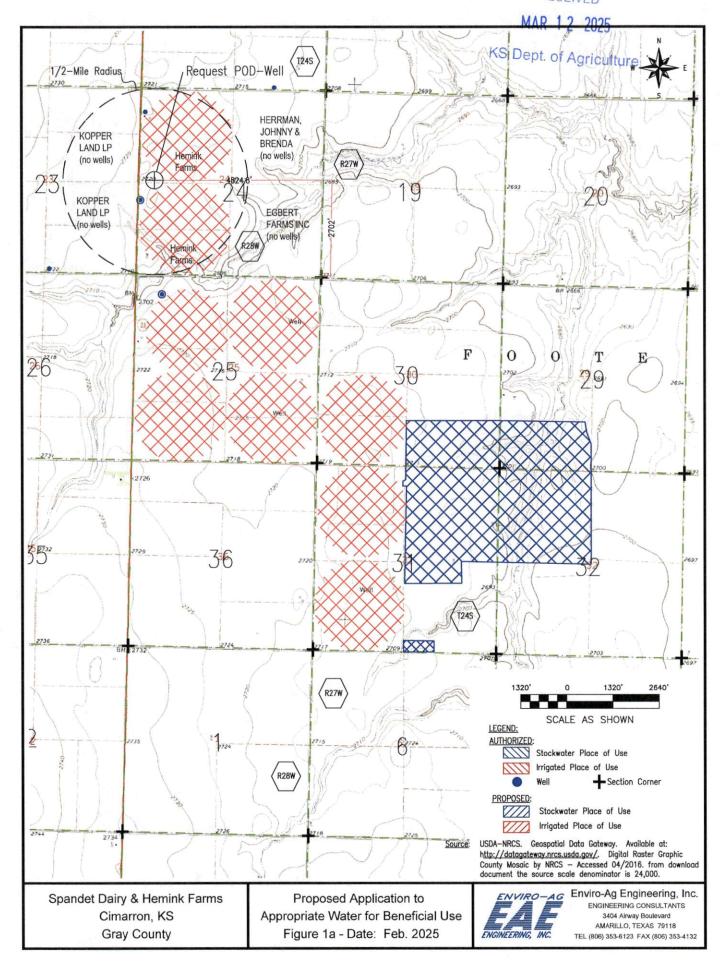
Helpful Sources of Information

DWR Water Appropriation Program DWR Water Appropriation Forms KGS Water Well Completion Records DWR Structures Program https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation

https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-appropriation-forms

https://www.kgs.ku.edu/Magellan/WaterWell/index.html

https://agriculture.ks.gov/divisions-programs/dwr/dam-safety/permit-requirements



NASH WATER WELL SERVICE, LLC PO Box 1388 710 W AVE A CIMARRON KS 67835 620-277-5657

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WATER RESOURCES

KS Dept. of Agriculture

LATITUDE: LONGITUDE: 37.950517 100.35341

DEPTH OF TEST HOLE DRILLED: 760'

JOB NAME: TEST HOLE #11

OWNER: SPANDET DAIRY

DATE: 10/30/24

	AIE. IV	0/ 30/ 24		
F	ROM	To	LITHOLOGIC LOG	
0'		4'	TOP SOIL	
4'		22'	FINE SAND WITH BROWN CLAY	
2	2'	40'	FINE MEDIUM SAND WITH TAN BROWN CLAY & WHITE CALICHE	
40	0'	60'	FINE COARSE SAND WITH BROWN TAN CLAY & THIN TAN ROCK STREAKS	
60	0'	100'	FINE MEDIUM SAND WITH BROWN CLAY	
10	00'	120'	FINE COARSE SAND WITH SMALL MEDIUM GRAVEL STREAKS & LAYERS	
12	20'	140'	FINE MEDIUM SAND WITH TAN BROWN CLAY	
14	40'	170'	FINE COARSE SAND WITH TAN BROWN CLAY	
1	70'	177'	TAN YELLOW STICKY CLAY WITH FINE SAND	
1	77'	280'	-BLUE SHALE WITH ROCK STREAKS & LAYERS	
28	30'	310'	BLUE CLAY WITH SHALE	
	10'	320'	BLUE GRAY CLAY WITH THIN GRAY SANDSTONE STREAKS	
SELVE	20'	340'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 20%
34	40'	360'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 60%
36	60'	380'	COARSE GRAY SANDSTONE WITH THIN STREAKS OF GRAY CLAY	LOOSE 80%
38	30'	400'	COARSE GRAY SANDSTONE WITH THIN STREAKS OF GRAY CLAY	LOOSE 95%
40	'OC	420'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 85%
42	20'	440'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 70%
44	40'	460'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 60%
46	60'	480'	MEDIUM GRAY SANDSTONE & GRAY CLAY	MEDIUM 95%
48	30'	500'	MEDIUM TIGHT GRAY SANDSTONE & GRAY CLAY	MEDIUM 80%
50	00'	520'	MEDIUM TIGHT GRAY SANDSTONE & GRAY CLAY	MEDIUM 95%
52	20'	540'	GRAY BLUE STICKY CLAY WITH THIN STREAKS OF SANDSTONE	TIGHT 10%
54	40'	560'	GRAY BLUE STICKY CLAY WITH THIN STREAKS OF SANDSTONE	TIGHT 10%
56	60'	580'	GRAY BLUE STICKY CLAY WITH THIN STREAKS OF SANDSTONE	TIGHT 15%
58	30'	600'	GRAY BLUE STICKY CLAY WITH THIN STREAKS OF SANDS	TIGHT 40%
60	00'	620'	MEDIUM TAN SANDSTONE WITH GRAY CLAY	MEDIUM TIGHT 90%
62	20''	640'	MEDIUM TAN SANDSTONE WITH GRAY CLAY	MEDIUM 80%
64	40'	660'	MEDIUM FINE GRAY SANDSTONE WITH GRAY CLAY	MEDIUM 60%
66	60'	680'	MEDIUM FINE GRAY SANDSTONE WITH GRAY CLAY	TIGHT 50%
68	30'	700'	MEDIUM FINE GRAY SANDSTONE WITH GRAY CLAY	TIGHT 70%
70	00'	720	BLUE CLAY & TIGHT FINE GRAY SANDSTONE	TIGHT 40%
72	20'	740'	BLUE CLAY	
74	40'	760'	BLUE CLAY	

KGS RECORD ID/ WELL	ID/ WR ID COUNTY	TOWNSHIP	TWN DIR	RANGE	RANGE DIR	SECTION	SPOT	LONGITUDE LATITUDE	OWNER*	ADDRESS*	WELL USE
23869/462154	Gray	2	14 S	2	8 W		All wells shown 24 map in W/2 of 2		Hemink Farms, LTD	263S COUNTY ROAD 521 HART, TX 79043-5258	IRR & plugged domestic
	Gray Gray	2 2	4 S	2 2			24 NE/4-no known w 24 SE/4-no known w E/Pt - no known	rells	HERRMAN, JOHNNY & BRENDA EGBERT FARMS INC	32965 E OYLER RD CIMARRON, KS 67835-9046 C/O DOLL, DEBRA 3011 WEST/IEW AVE DODGE CITY, KS 67801-5485	
	Gray	2	4 S	2	8 W	3	wells with 1/2 23 mile		KOPPER LAND LP	10602 STATE ROAD 23 CIMARRON, KS 67835-9045	

Data (wells within 1/2-mile) were obtained from the WWCS Water Well Database Query and WIMAS Water Rights Database (https://kgs.ku.edu/water-resources-and-geohydrology).

*Well Owner as noted on WWCS database and Addresses obtained from the Open Records for Kansas Appraisers - Gray County (https://www.kansasgis.org/orka/map.cfm) OR from the well log obtained from WWCS Database Query (https://www.kgs.ku.edu/Magellan/WaterWell/index.html)

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Gray County

*No known wells are located within 2-mile of the proposed well for Hemink Farms-Spandet Dairy.

These are the wells available for this county

Township 24 South

C NE NE, Sec. 21, Twp. 24S, Rge. 29W

C SW NE, Sec. 1, Twp. 24S, Rge. 30W

Township 25 South

T25S R27W, Sec. 32, 25' E OF E/2 SE SW

T25S R29W, Sec. 19, C NW NW

T25S R30W, Sec. 29, C NE SW

Township 26 South

T26S R29W, Sec. 20, SW SW NE

T26S R30W, Sec. 1, C NW SE

Township 27 South

T27S R27W, Sec. 33, SE SE NW

T27S R28W, Sec. 31, C-SW-SW-SW

T27S R29W, Sec. 23, SE-SE-SE

Township 28 South

T28S R27W, Sec. 3, 1980 FSL & 1320 FWL

T28S R27W, Sec. 31, SW-SW-SW

T28S R30W, Sec. 17, NW CORNER

Township 29 South

T29S R28W, Sec. 4, C-NE

Back to County Search | Back to Dakota Home Page

Kansas Geological Survey, Dakota Aquifer Program Send comments and/or suggestions to webadmin@kgs.ku.edu Updated Oct. 15, 1998

URL = http://www.kgs.ku.edu/Dakota/vol2/cnty/gray.htm

MAR 1 2 2025

IRRIGATION USE SUPPLEMENTAL SHEET

KS Dept. of Agriculture

							File	No.		54									
			Name	of A	pplica	ınt (P	lease	Print):	Her	nink	Far	ms,	LTD	PII	O 64	577	_	
1. I	Please		ly the	nam	e and	l addı	ess o	f each	ı lanc	lowne	er, the	e lega	l desc	riptio	n of t	he la	nds to	be in	rigated, and reof:
Land	lowne	er of I	Recor	d		NAM	Æ:	He	min	k Fa	rms	, LTI)						
IR	RP	OU>			AD	DRE	SS:	26	35 C	R 5	21, ł	Hart,	TX	790	43				
6	Т	_		N	E¼		NW¼				SV	V1/4			SI	Ε1/4		TOTAL	
S	1	R	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	TOTAL
24	24	28W					31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25					250 - IRR
25	24	28W	31.25	31.25	31.25	31.25	25	25	25	25	31.25	31.25	31.25	31.25	31.25	31,25	31.25	31.25	475 - IRR
31	24	27W					31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25					250 - IRR
30	24	27W									31.25	31.25	31.25	31.25					125 - IRR
Land	lowne	er of I	Recor		AD	NAM DRE			W1/4				V1/4		I	SI	Ε1/4		
S	Т	R	NE		sw	SE	NE	NW	sw	SE	NE		sw	SE	NE		SW	SE	TOTAL
											,					2.			
																- 6			
Land	lown	er of l	Recor	·d	4.0											- 4			
	_	т —	_			DRE	33. <u> </u>		X11.7	_	П		****				71.		
S	T	R	NE		E¼ SW	SE	NE	NW	W¼ SW	SE	NE	_	SW	SE	NE		SW	SE	TOTAL
								21											
-														- 3					
	•									-		-		7		- 1	-		

P/U 1715

P/U 26526 P/U 33049

P/U 71326

MAR 1 2 2025

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			soils in the field(s) and the		sting Irrigation System	T							
		Soil Name		Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group							
2	2612-	Harne	ey	Est 81.6	0.6-2.0	Existing System							
	1960-	Buffal	o Spark	Est 1.7	2.0-6.0	Existing System							
-Ric	chfield	, 2714	Ness & 2800 Spearville	Est 0.2/1.7/0.8	2.0-6.0/0.14-0.6	Existing System							
	2801		rville & 2815-Uly	Est 12.7/1.3	0.14-0.6/0.6-2.0	Existing System							
1.	г.	-			dominato 0.1% ha	eed on soil survey							
b.			e average land slope in the		dominate 0-1% ba	sed on soil survey							
			e maximum land slope in th	1.7		sed on son survey							
c.	Type	of irri	gation system you propose t										
	-	Cente	er pivot	"Big gun" sprinkler									
		Gravi	ravity system (furrows) Gravity system (borders) Sideroll sprinkler										
	Oth	er, plea	ase describe:	·									
d.	Syst	em des	sign features:										
	 Describe how you will control tailwater: Sprinklers are extremely low to the ground and are low pressure. Irrigation application with LEPA sprinklers will be managed so that no tailwater is expected. 												
	ii.	For s	prinkler systems:										
		(1)	Estimate the operating pro	essure at the distribution	n system:15-30_ps	i							
		(2)) What is the sprinkler package design rate?400_ gpm										
		(3)	What is the wetted diameter	er (twice the distance th	e sprinkler throws wate	er) of a sprinkler on the							
			outer 100 feet of the system	m? Existing feet	- Refer to Page	1 of 2							
		(4)	Please include a copy of the	ne sprinkler package de	esign information.								
e.	Cro	p(s) yo	u intend to irrigate. Please	note any planned crop	rotations:								
		Crop	Silage, Wheat/Triticale So s are selected based on stuffs.			ability of							
					and how much water								

You may attach any additional information you believe will assist in informing the Division of the need for your request.

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

March 21, 2025

HEMINK FARMS LTD 2635 CR 521 HART TX 79043

RE: Application, File No(s). 51454

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at <u>agriculture.ks.gov/divisions-programs/dwr</u>. If you have any other questions, please contact our office at 785-564-6640 or your local Garden City Field Office at 620-276-2901. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser New Applications Lead Water Appropriation Program