Kansas Department of Agriculture Division of Water Resources

PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: 50,025	2. Status Change Date: 72/2018	3. Field Office: 01	4. GMD:
30,023	<u> </u>		
5. Status: Approved Denied b	y DWR/GMD	Dismiss by Request/Failure	e to Return
6. Enclosures: ⊠ Check Valve ⊠ N of C Form	n	☐ Driller Copy	⊠ Meter
7a. Applicant(s) Person ID Add Seq#	7c. Landown New to sy		Person IDAdd Seq#
WAYNE HEINEN 1441 96TH RD GOFF KS 66428-8233	5		
7b. Landowner(s) Person ID _ New to system ☐ Add Seq# _	7d. Misc. New to sy		Person IDAdd Seq#
7a.			
8. WUR Correspondent Person ID 6 New to system ☐ Add Seq# Overlap File (s) WUC Notarized WUC Fo	orm □ □ □ IRR	☐ Groundwater	∕es ⊠ No Surface Water DEW □ MUN
TODD P & LUCY C HEINEN 1410 96TH ROAD GOFF KS 66428-8233			OOM CON ART RECHRG R:
10. Completion Date: 12/31/2019 11. Pe	erfection Date: 12/31/ 2	2023 12. Ехр Г	oate:
13. Conservation Plan Required? ☐ Yes ☒ No Date R	equired: Dat	e Approved: I	Date to Comply:
14. Water Level Measuring Device? ☐ Yes ☒ No ☐	ate to Comply:	Date WLMD Ins	talled:
		Date Prepared: 5/7/20	· · · · · · · · · · · · · · · · · · ·

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KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources MEMORANDUM

TO: Files **DATE:** May 7, 2018

FROM: Doug Schemm RE: Application, File No. 50,025

Wayne Heinen has filed the application referred to above for a permit to appropriate 112 acre-feet of surface water at the rate of natural flows to be stored in an existing reservoir located in the Northeast Quarter of Section 25, in Township 5 South, Range 12 East, Nemaha County, Kansas, within the Vermillion Creek drainage basin. The dam is located on Wolf Creek Trib 1 (Vermillion). The point of diversion is located on property owned by the applicant, and he has signed the application form stating he has legal access to the point of diversion. The entire place of use is also owned by the applicant, and it comprises 379 acres. Appropriation of Water, File No. 49,425 overlaps in point of diversion and place of use (after change in place of use is approved).

Appropriation of Water, File No. 49,425 is authorized 250 acre-feet of storage and 242 acre-feet of direct use. Runoff computations determined that the 334 acres of drainage area will generate a runoff quantity in 1 out of every five (5) years (a 20% chance), of 362 acre-feet. The 112 acre-feet of storage requested on the new application is the difference between the calculated runoff of 362 acre-feet, and the authorized storage under File No. 49,425 (362 AF – 250 AF). The requested quantity of water for direct use (rediversion) of 100 acre-feet, plus the quantity authorized under the senior file of 242 acre-feet, provides a direct use total quantity of 342 acre-feet. This quantity applied to 379 acres, provides 0.9 acre-feet per acre, which is less than the maximum allowable of 1.1 acre-feet per acre in Nemaha County, Kansas, per K.A.R. 5-3-24, but is still reasonable.

The applicant provided the names and addresses of landowners within one-half (½) mile upstream and downstream of the property boundaries, and notification letters were sent out on April 11, 2018. A telephone call was received from downstream landowner (Kyle Coe). Note that during processing of the senior file, Mr. Coe had expressed concerns that the proposed project would impact stream flow, and asked how the applicant would bypass inflows. Mr. Coe runs cattle on his pasture (typically 50 to 60 head). Regarding this pending application, Mr. Coe just wanted to confirm that it would have the same conditioning as the senior file, and he was informed that it would be conditioned the same. File No. 49,425 was conditioned to require a drawdown tube to bypass natural flows if required. There are no other surface water rights within a two-mile radius according to the WRIS database.

The proposed structure was reviewed by DWR Water Structures Program staff, during processing of the senior file under File No. DNM-0379, and they determined that it qualifies for the hazard class A permit exemption specified in K.S.A. 82a-301(d)(1) (see September 18, 2015 letter from Kimberly Hunninghake). The applicant has submitted the required registration form. As allowed by K.S.A. 82a-706(c) an approved water flow meter shall be installed on the secondary diversion works (pump site) for this file. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

In a May 3, 2018 discussion, Katie Tietsort, Water Commissioner, Topeka Field Office, stated that the referenced new application should be approved. Based on the above discussion, that this area is open to new appropriations, the proposed appropriation of water is reasonable, the applicant has submitted the necessary registration form to the DWR Water Structures Program, and senior rights will not be impacted, it is recommended that the referenced new application be approved in conjunction with the change in Place of Use under File No. 49,425.

Doug Schemm Environmental Scientist Topeka Field Office

DEPARTMENT OF AGRICULTURE 1320 RESEARCH PARK DRIVE MANHATTAN, KS 66502 PHONE: (785) 564-6700 FAX: (785) 564-6777



900 SW Jackson, Room 456 Topeka, KS 66612 Phone: (785) 296-3556 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.

JACKIE McClaskey, Secretary of Agriculture

July 5, 2018

WAYNE HEINEN 1441 96TH RD GOFF KS 66428-8233

RE: Appropriation of Water, File No. 50,025

FILE COPY

Dear Mr. Heinen:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents, with specific reference to <u>Paragraph No. 16 requiring the proposed dam to be equipped with a controlled outlet with a minimum diameter of four inches, and this outlet shall be placed to allow water to pass through the dam at or near streambed elevation. A water meter is required on the proposed re-diversion works and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.</u>

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00. There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum

New Application Unit Supervisor Water Appropriation Program

KAB:dws Enclosures

pc: Topeka Field Office Todd & Lucy Heinen

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCESDavid W. Barfield, Chief Engineer

APPROVAL OF APPLICATION and PERMIT TO PROCEED

(This is not a Certificate of Appropriation)

This is to certify that I have examined Application, File No. 50,025 of the applicant

WAYNE HEINEN 1441 96TH RD GOFF KS 66428-8233

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

- 1. That the priority date assigned to such application is March 26, 2018.
- 2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

	_			NE	Ξ1/4	-		NV	V1⁄4			SV	V1/4			SI	E1⁄4		TOTAL
Sec.	Twp.	Range	NE1/4	NW1/4	SW1/4	SE1/4	IOIAL												
25	5S	12E		40	40		40	36	24	40	40	40	40	39					379

- 3. That the appropriation sought shall be limited to all natural flows of an unnamed tributary to Wolf Creek, designated in the office of the Chief Engineer as Wolf Creek Trib 1 (Vermillion), not needed to satisfy all vested rights and prior appropriation rights to be incrementally accumulated as reservoir storage space becomes available to a maximum extent of **112 acre-feet** per calendar year in one (1) reservoir created by a dam located in the Southwest Quarter of the Southwest Quarter of the Northeast Quarter (SW¼ SW¼ NE¼) of Section 25, more particularly described as being near a point 2,698 feet North and 2,203 feet West of the Southeast corner of said section, in Township 5 South, Range 12 East, Nemaha County, Kansas, to provide **100 acre-feet** of water as needed for direct irrigation use to be withdrawn, released or otherwise diverted from the reservoir at a re-diversion rate of approximately **1,000 gallons per minute (2.23 c.f.s.).** A reasonable maximum re-diversion rate will be established during the perfection period and assigned at certification.
- 4. That installation of works for diversion of water shall be completed on or before **December 31**, **2019** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$400.00, when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

File No. 50,025 Page 2 of 4

5. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before <u>December 31, 2023</u> or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

- 6. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
- 7. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
- 8. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
- 9. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
- 10. That all re-diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the re-diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
- 11. That an acceptable water flow meter shall be installed and maintained on the re-diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
- 12. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
- 13. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
- 14. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
- 15. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

16. That the proposed dam shall be equipped with a controlled outlet with a minimum diameter of four inches. The controlled outlet shall be placed to allow water to pass through the dam at or near streambed elevation.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary. To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 33 days after this Order was mailed to you), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this and day of

, 2018, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau, P.G.

Program Manager

Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas

SS

County of Riley

The foregoing instrument was acknowledged before me this day of day of , 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

DANIELLE WILSON
My Appointment Expires
August 23, 2020

Notary Public

CERTIFICATE OF SERVICE

On this 54 day of Application, File No. 50,025, dated Way 7, 2018, I hereby certify that the foregoing Approval of was mailed postage prepaid, first class, US mail to the following:

WAYNE HEINEN 1441 96TH RD GOFF KS 66428-8233

With photocopies to:

TODD P & LUCY C HEINEN 1410 96TH ROAD GOFF KS 66428-8233

Topeka Field Office

Division of Water Resources



KANSAS DEPARTMENT OF AGRICULTURE Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES David W. Barfield, Chief Engineer

This item to be completed by the Division of Water Resources.

Water Resources Received

MAR 26 2018 み; 36 KS Dept Of Agriculture

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application (Please refer to Fee Schedule attached to this application form.)

1320 Research Park Drive, Manhattan, KS 66502:

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,

Name of Applicant (Please Print): WAYNE HEINEN Address: 1441 96™ ROAD State: KS Zip Code 66428 City: GOFF Telephone Number: (785) 336-1073 The source of water is: VERMILLION RIVER OR groundwater in Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources. Redivert 100 acre-feet at 1,000 gpm for IRR use The maximum quantity of water desired is 112 (storage) acre-feet OR ______ gallons per calendar year, to be diverted at a maximum rate of NF gallons per minute OR cubic feet per second. Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can NOT be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements. The water is intended to be appropriated for (check use Intended): (d) Water Power (b) ⊠ Irrigation (c) Recreational (a) Artificial Recharge (f) Municipal (g) Stockwatering (h) Sediment Control (e) Industrial (k) ☐ Hydraulic Dredging (I) Fire Protection (i) Dewatering (i) Domestic (m) ☐ Thermal Exchange (n) ☐ Contamination Remediation YOU MUST COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE. or Office Use Only GMD Meets K.A.R. 5-3-1 (FS) NO) Use PRK Source G S County NM By HW Date 3/24/16

REG Fee \$ DD TR # Receipt Date 3/24/16 Check # 249 2 Ŧ.O.

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5.	The location of the proposed wells, pump sites or other works for diversion of water is:
	Note: For the application to be accepted, the point of diversion location must 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.
	(A) One in the <u>SW</u> Quarter of the <u>SW</u> quarter of the <u>NE</u> quarter of Section 25, more particularly
	described as being near a point 2698 feet North and 2203 feet West of the Southeast corner of said
	section, in Township 5 South, Range 12 EAST, NEMAHA County, Kansas. (PDIV ID: 84494)
	(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 East/West (circle one), County, Kansas.
	(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 East/West (circle one), County, Kansas.
	(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 East/West (circle one), County, Kansas.
	radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons pe 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 800 gallons per minute and which supply water to a common distribution system.
6.	The owner of the point of diversion, if other than the applicant is (please print): APPLICANT
	(name, address and telephone number)
	(name, address and telephone number)
	You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the
	landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:
	I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct. Executed on
7.	The proposed project for diversion of water will consist of ONE DAM AND RESERVOIR (number of wells, pumps or dams, etc.)
	and (was)(will be) completed (by) EXISTING (Month/Day/Year - each was or will be completed)
8.	The first actual application of water for the proposed beneficial use was or is estimated to be SUMMER 2018

Water Resources/Day/Year)
Received

MAR 26 2018

SCANNED

9.	Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
	☑ Yes ☐ No if "yes", a check vaive 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 the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.
	Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? ☑ Yes ☐ No
	If yes, show the Water Structures permit number here <u>DNM-0379</u>
	• If no, explain here why a Water Structures permit is not required DAM QUALIFIED FOR HAZARD
	CLASS A PERMIT EXEMPTION. It has been registered.
11.	The application <u>must</u> be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:
	(a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
	(b) If the application is for groundwater, please show the location of any existing water wells of any kind within ½ mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within ½ mile, please advise us.
	(c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
	(d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
	(e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.
	A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.
12.	diversion points or any of the same place of use described in this application. Also list an received ent modifications made to existing permits or water rights in conjunction with the filing of this application.
	FILE NO. 49,425 - COMPLETE OVERLAP IN PU AND PD (After Change in Place of Use is Approved)
	*Calculated Runoff (20% chance) from 334 acres of drainage = 362 acre-feet. KS Dept Of Agriculture
	File No 49,425 is authorized 250 AF of Storage and 242 AF of Direct Use
	New Application requested Storage Quantity based on Runoff – Authorized (362 AF – 250 AF) = 112 AF of

storage, and redivert 100 AF. No limitations to senior file are required.

13.	Furnish the following well in well has not been complete						If the
	Information below is from:	☐ Test holes	☐ Weii	as completed	☐ Drille	s log attached	
	Well location as shown in p	aragraph	(A)	(B)	(C)	(D)	
	Date Drilled						
	Total depth of well		· · · · · · · · · · · · · · · · · · ·				
	Depth to water bearing form	nation					
	Depth to static water level						
	Depth to bottom of pump in	take pipe			.		
14.	The relationship of the appl Owner (owner, tenant, agent or otherwis		sed place	where the water	will be usee	is that of	
15.	The owner(s) of the propert	y where the wate	r is used, if	other than the	applicant, is	(please print):	
		(name, addr	ess and tel	ephone number	-)		
		(name, addr	ess and tel	ephone number	·)		
16.	The undersigned states that this application is submitted at						
	Wayn Hen (Applicant Signatu	re)			S) SOCIAL SE ATION NUMBI		_
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(-/	
<u>By</u>	, (Agent or Officer Sign	ature)	- Roberts American	APPLICANT(S	and/or) TAXPAYER I.	D. NO.(S)	-
	é						
	(Agent or Officer - Pleas	se Print)					
Assiste	d by <u>DWS</u>	<u>T</u>	OPEKA FO) office/title)	Date:	1/31/2018	

Water Resources Received

MAR 26 2018

KS Dept Of Agriculture SCANNED

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 50,025

			Nar	ne of	Appli	cant (Pleas	e Prir	nt): <u>W</u>	VAY	<u>JE HI</u>	EINEI	N	_				-	
1. H	Please lesign	supp ate th	ly the	e nan ıal nu	ne and mber	d add	ress o	of eac be irr	h lan igateo	down	er, th	e lega orty ac	al des ere tra	scripti ct or	ion of fraction	the onal p	lands ortion	to be there	e irrigated, and eof:
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Land	lowne	er of l	Recor																.= 379 Acres
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		e soils in the field(s) and Soil	Percent	Intake	Irrigation
		Name	of field (%)	Rate (in/hr)	Design Group
b.		Total: he average land slope in the	100 % he field(s):	%	
		he maximum land slope in		%	
c.		rigation system you propo			
	- ^	Center pivot			"Big gun" sprinkl
	(Gravity system (furrows)	Gravity sy	vstem (borders)	Sideroll sprinkler
	Other, ple	ase describe:			
d.	System de	esign features:			
	i. Desc	cribe how you will control	l tailwater:		
	i. Des	cribe how you will control	l tailwater:		
		·	l tailwater:		
	ii. For	sprinkler systems:			
		·		oution system:	psi
	ii. For	sprinkler systems:	g pressure at the distrib		psi
	ii. For (1)	sprinkler systems: Estimate the operating What is the sprinkler p	g pressure at the distrib package design rate?	gpm	psi ws water) of a sprinkler
	ii. For (1) (2)	sprinkler systems: Estimate the operating What is the sprinkler p	g pressure at the distrib package design rate?	gpm gpm	
	ii. For (1) (2)	sprinkler systems: Estimate the operating What is the sprinkler p What is the wetted dia	g pressure at the distrib package design rate? nameter (twice the dista the system?	gpm nce the sprinkler throv feet	ws water) of a sprinkler
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50025 00

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50025 00 IRR

Water Right and Points of Diversion Within 2.00 miles of point defined as:

2698 Feet North and 2203 Feet West of the Southeast Corner of Section 25 T 5S R 12E

SURFACE WATER ONLY

File Number Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit

A 49425 00 IRR KE S* 0 -- SW SW NE 2698 2203 25 5 12E 1 242.00 AF

A 50025 00 IRR AY S 0 -- SW SW NE 2698 2203 25 5 12E 1 100.00 AF

Total Net Quantitie	es Authorized:	Direct	Storage
Total Requested Amo	ount (AF) =	100.00	112.00
Total Permitted Amo	ount (AF) =	242.00	250.00
Total Inspected Amo	ount (AF) =	.00	.00
Total Pro_Cert Amo	ount (AF) =	.00	.00
Total Certified Amo	ount (AF) =	.00	.00
Total Vested Amo	ount (AF) =	.00	.00
TOTAL AMOUNT	(AF) =	342.00	362.00

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 2.00 miles of point defined as:

2698 Feet North and 2203 Feet West of the Southeast Corner of Section 25 T 5S R 12E

SURFACE WATER ONLY

WATER USE CORRESPONDENTS:

File Number Use ST SR

A 49425 00 IRR KE S

> TODD P & LUCY C HEINEN

>

> 1410 96TH ROAD

> GOFF KS 66428

>----

A__ 50025 00 IRR AY S

> TODD P & LUCY C HEINEN

>

> 1410 96TH ROAD

> GOFF KS 66428

>----

Schemm, Doug

From: Sent: Keith Grimm < keith@mwivalley.com>
Thursday, October 08, 2015 8:11 AM

To:

Schemm, Doug

Subject:

RE: Wayne Heinen File No. 49,425

Ok thanks

From: Schemm, Doug [mailto:Doug.Schemm@KDA.KS.GOV]

Sent: Thursday, October 08, 2015 8:04 AM To: Keith Grimm < mwivalley@gmail.com Subject: RE: Wayne Heinen File No. 49,425

There are downstream landowners who have expressed concerns regarding having adequate streamflow for watering cattle. We just want to make sure that Mr. Heinen has a convenient method for bypassing natural flows if necessary.

From: Keith Grimm [mailto:mwivalley@gmail.com]

Sent: Thursday, October 08, 2015 7:58 AM

To: Schemm, Doug

Subject: Re: Wayne Heinen File No. 49,425

Yes I have received this. Why is this condition being requested

Sent from myiPhone

Keith Grimm MWI,LLC O 785-288-1783 C 785-547-7556 Keith@mwivalley.com

On Oct 8, 2015, at 7:49 AM, Schemm, Doug < Doug, Schemm@KDA.KS.GOV > wrote:

Keith,

This file is for a proposed reservoir in the NE Quarter of Section 25, T5S, R12E, in Nemaha Co. This is to inform you that, if approved, the permit will be conditioned as follows:

"That the proposed dam shall be equipped with a controlled outlet with a minimum diameter of four inches. The controlled outlet shall be placed to allow water to pass through the dam at or near streambed elevation."

Please confirm that you have received this e-mail.

Thanks, Doug

Kopp, Kenneth

From:

Tietsort, Katie

Sent:

Monday, October 12, 2015 9:31 AM

To: Cc: Schemm, Doug Kopp, Kenneth

Subject:

Re: Wayne Heinen 49,425

Thanks I like using this condition to make sure they can bypass

Sent from Katie's iPhone

On Oct 12, 2015, at 8:49 AM, Schemm, Doug < Doug.Schemm@KDA.KS.GOV > wrote:

Ken,

The permit has been conditioned to require a tube to bypass natural flows if necessary. Keith agreed to this in e-mail.

Thanks, Doug

From: Tietsort, Katie

Sent: Tuesday, October 06, 2015 11:10 AM

To: Schemm, Doug

Subject: RE: Wayne Heinen 49,425

Additionally, there needs to be a paragraph in the cover letter specifically pointing this out and if this is a Grimm file I need you to email Keith to let him be aware of the condition.

Katie Tietsort, Water Commissioner

Kansas Department of Agriculture Division of Water Resources, Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, KS 66619 (785) 296-5733 FAX (785) 296-8298

Katie.Tietsort@kda.ks.gov http://agriculture.ks.gov/

From: Tietsort, Katie

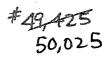
Sent: Tuesday, October 06, 2015 11:08 AM

To: Schemm, Doug

Subject: RE: Wayne Heinen 49,425

Doug-I think this one needs to have the condition that says about ensuring that downstream domestic users use is satisfied by use of bypassing flow over, through, or past the dam, whatever that language was....

Katie Tietsort, Water Commissioner





1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700

Jackie McClaskey, Secretary

900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Goyernor Sam Brownback

September 18, 2015

Wayne Heinen 1441 96th Rd Goff, KS 66428

RE:

Low Hazard Dam Registration

WSN: DNM-0379

Dear Mr. Heinen:

Please accept this letter as confirmation that your proposed dam is exempt from the dam safety permit requirements specified in K.S.A. 82a-301(a), and its location has been registered in our records.

You reported that your proposed dam is located in the SW1/4 of the SW1/4 of the NE1/4 of Section 25, Township 5 South, Range 12 East in Nemaha County. You also reported it would have a height of 27.66 feet, and a storage volume of 122.20 acre-feet at the emergency spillway elevation. We verified that it qualifies for the hazard class A permit exemption specified in K.S.A. 82a-301(d)(1).

Please note your dam may be reclassified to a hazard class B or C in the future as a result of improvements or changes on downstream properties. If that occurs, you will be required to obtain a dam permit. This may require redesign and partial reconstruction of the dam to meet applicable dam safety standards.

Please contact me at 785-564-6652 if you have any questions.

Sincerely,

Kimberly A. Hunninghake, P.E.

Dam Safety Team Leader

Pc: Topeka Field Office

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES TOPEKA FIELD OFFICE 6531 SE FORBES AVE., SUITE B TOPEKA, KS 66619



Phone: (785) 296-5733 Fax: (785) 296-8298 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.

JACKIE McClaskey, Secretary of Agriculture

April 11, 2018

TIMOTHY C EISENBARTH 1265 8TH ROAD SOLDIER KS 66540

Re: Pending Application, File No. 50,025 and Appropriation of Water, File No. 49,425 Change Application (Place of Use)

Dear Sir or Madam:

This is to advise you that Wayne Heinen has filed the new application referred to above for a permit to appropriate surface water at the rate of natural flows to be stored in an existing reservoir. The application is requesting to appropriate 112 acre-feet of surface water per calendar year, and re-divert 100 acre-feet of the stored water for irrigation use. Please note that the proposed point of diversion is an existing dam and reservoir currently authorized under Appropriation of Water, File No. 49,425. The pending change application for File No. 49,425 will increase the place of use to match the new application irrigation project. The proposed point of diversion (where the dam crosses the centerline of the stream) is located as follows:

in the Southwest Quarter of the Southwest Quarter of the Northeast Quarter (SW¼ SW¼ NE¼) of Section 25, in Township 5 South, Range 12 East, Nemaha County, Kansas.

Records in this office indicate that you own land along the stream in this vicinity and you are being notified of receipt of these applications in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter.

You can find the new and change applications and site maps posted by the file numbers referenced above at: http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

Douglas W. Schemm Environmental Scientist Topeka Field Office

Long Schemm

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES TOPEKA FIELD OFFICE 6531 SE FORBES AVE., SUITE B TOPEKA, KS 66619



PHONE: (785) 296-5733 Fax: (785) 296-8298 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

April 11, 2018

KYLE & GLENDA COE 1127 286TH ROAD SOLDIER KS 66540

Re: Pending Application, File No. 50,025 and Appropriation of Water, File No. 49,425 Change Application (Place of Use)

Dear Sir or Madam:

This is to advise you that Wayne Heinen has filed the new application referred to above for a permit to appropriate surface water at the rate of natural flows to be stored in an existing reservoir. The application is requesting to appropriate 112 acre-feet of surface water per calendar year, and re-divert 100 acre-feet of the stored water for irrigation use. Please note that the proposed point of diversion is an existing dam and reservoir currently authorized under Appropriation of Water, File No. 49,425. The pending change application for File No. 49,425 will increase the place of use to match the new application irrigation project. The proposed point of diversion (where the dam crosses the centerline of the stream) is located as follows:

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Sincerely,

Douglas W. Schemm Environmental Scientist Topeka Field Office

Doug Schemm

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PHONE: (785) 296-5733 Fax: (785) 296-8298 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.

JACKIE McClaskey, Secretary of Agriculture

April 11, 2018

EARL & BARBARA SOLT 350 STATE HIGHWAY 63 CORNING KS 66417

Re: Pending Application, File No. 50,025 and Appropriation of Water, File No. 49,425 Change Application (Place of Use)

Dear Sir or Madam:

This is to advise you that Wayne Heinen has filed the new application referred to above for a permit to appropriate surface water at the rate of natural flows to be stored in an existing reservoir. The application is requesting to appropriate 112 acre-feet of surface water per calendar year, and re-divert 100 acre-feet of the stored water for irrigation use. Please note that the proposed point of diversion is an existing dam and reservoir currently authorized under Appropriation of Water, File No. 49,425. The pending change application for File No. 49,425 will increase the place of use to match the new application irrigation project. The proposed point of diversion (where the dam crosses the centerline of the stream) is located as follows:

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Sincerely,

Douglas W. Schemm Environmental Scientist Topeka Field Office

Dong Schemm

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES TOPEKA FIELD OFFICE 6531 SE FORBES AVE., SUITE B TOPEKA, KS 66619



PHONE: (785) 296-5733 FAX: (785) 296-8298 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

April 11, 2018

STEVEN & CONNIE HOLTHAUS 1528 120TH RD SENECA KS 66538

Re: Pending Application, File No. 50,025 and Appropriation of Water, File No. 49,425 Change Application (Place of Use)

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This is to advise you that Wayne Heinen has filed the new application referred to above for a permit to appropriate surface water at the rate of natural flows to be stored in an existing reservoir. The application is requesting to appropriate 112 acre-feet of surface water per calendar year, and re-divert 100 acre-feet of the stored water for irrigation use. Please note that the proposed point of diversion is an existing dam and reservoir currently authorized under Appropriation of Water, File No. 49,425. The pending change application for File No. 49,425 will increase the place of use to match the new application irrigation project. The proposed point of diversion (where the dam crosses the centerline of the stream) is located as follows:

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Sincerely,

Douglas W. Schemm Environmental Scientist Topeka Field Office

Dong Schemm



FEE SCHEDULE

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

ACRE-FEET

FEE

0-1100

\$200,00

101-320

\$300.00

More than 320

\$300:00 plus \$20.00 for each additional 100

acre-feet or any part thereof.

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

ACRE-FEET

FEE

0-250

\$200.00

More than 250

\$200.00 plus \$20.00 for each additional 250

acre-feet of storage 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 a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

of \$200.00.

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

Water Resources
Received

MAR 26 2018

KS Dept Of Agriculture

IRRIGATION USE

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DWR 1-100.23 (Revised 07/07/2000)

		Soil	Percent	Intake	Irrigation 🎻
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b.	Estimate th	e average land slope in th	ne field(s):	%	
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c.	Type of irri	igation system you propos	se to use (check one):		
		enter pivot	-		"Big gun" sprinkl
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d.	System des	ign features:			
	i. Descr	ribe how you will control	tailwater:		
	ii. For s	prinkler systems:			
	·	Estimate the operating	pressure at the distrib	ution system:	nei
	(1)	, ,	•	•	μει
	(2)	What is the sprinkler p	eackage design rate? _	gpm	
	(3)	What is the wetted diam	meter (twice the distan	ace the sprinkler throv	ws water) of a sprinkler
		the outer 100 feet of th	e system?	feet	
	(4)	Please include a copy of	of the sprinkler packag	ge design information	
e.	Crop(s) you	u intend to irrigate. Pleas	se note any planned cr	op rotations:	

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

DEPARTMENT OF AGRICULTURE 1320 RESEARCH PARK DRIVE MANHATTAN, KS 66502 PHONE: (785) 564-6700 FAX: (785) 564-6777



900 SW Jackson, Room 456 Topeka, KS 66612 Phone: (785) 296-3556 www.agriculture.ks.gov

April 2, 2018

WAYNE HEINEN 1441 96TH RD GOFF KS 66428

RE: Application File No. 50025

Dear Sir or Madam:

Your application for permit to appropriate water in 25-5S-12W in Nemaha County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, ... it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum

New Applications Unit Supervisor Water Appropriation Program

ristenaBaum

BAT: dlw

pc: TOPEKA Field Office

GMD



WAYNE HEINEN - NEW APPLICATION SITE MAP 50025 SEC. 25, T5S, R12E





1:24,000



Proposed Place of Use

Proposed Point of Diversion

All landowners adjacent to the stream within 1/2 mile of the property/inter Resogration this map. Received

MAR 26 2018

