

# APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE



State of Kansas

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

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File Number: **51384**

DEC 20 2024

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

KS DEPT OF AGRICULTURE  
3:24 PM

1. Name of Applicant: KS State University Horticulture, Forestry & Recreation (HNR)  
Address: 2021 Throckmorton Hall, 1712 Claflin Road  
City: Manhattan State: KS Zip Code: 66506  
Phone: 785-539-9133 / cell 785-410-1149 Email: wkhowe@ksu.edu

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
 groundwater in Big Blue River (drainage basin)

3. The maximum annual quantity of water desired is 87.0  acre-feet  gallons  
to be diverted at a maximum rate of 800  gpm  c.f.s.  natural flows  natural evaporation  
 This project involves surface water storage and redirection. The maximum annual quantity of water desired to be  
rediverted is \_\_\_\_\_  acre-feet  gallons, at a rate of \_\_\_\_\_  gpm  c.f.s.

### Conversion Factors

1 acre-foot (AF) = 325,851 gallons  
1 million gallons (mg) = 3.07 acre-feet (AF)  
1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm)

**IMPORTANT:** Once your application has been assigned a priority date and file number, the requested maximum rate of diversion and maximum requested annual quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reasonable for your proposed project.

4. The water is intended to be appropriated for the following use(s):  
 Artificial Recharge\*  Irrigation\*  Recreational\*  Water Power\*  
 Industrial\*  Municipal\*  Stockwatering\*  Sediment Control  
 Domestic  Dewatering  Hydraulic Dredging  Fire Protection  
 Thermal Exchange  Contamination Remediation

**\*IMPORTANT:** You **must** submit a supplemental form providing information to substantiate your request for the quantity of water listed in Item No. 3 for the intended use(s) referenced above.

FOR OFFICE USE ONLY							
FO	<u>1</u>	GMD	<u>-</u>	DUA	<u>-</u>	Use	<u>IRR</u>
Code	<u>PEG</u>	Fee \$	<u>200</u>	TR #	<u>PY2412R96B8</u>	Source	<u>GW</u>
						County	<u>RL</u>
						By	<u>KJN</u>
						Date	<u>12/31/24</u>
						Receipt Date	<u>12/20/2024</u>
						Check #	

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) **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. 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.

(A) One in the LOT 1 quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section 31, more particularly described as being near a point 4500 feet North and 5980 feet West of the Southeast corner of said section, in Township 9 South, Range 8 E W, Riley County, KS. A.K.A: Existing Well

(B) One in the LOT 1 quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section 31, more particularly described as being near a point 4493 feet North and 6086 feet West of the Southeast corner of said section, in Township 9 South, Range 8 E W, Riley County, KS. A.K.A: New Well

12/31/2024  
KJN

(C) One in the LOT 1 quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section 31, more particularly described as being near a point 4496.5 feet North and 6033 feet West of the Southeast corner of said section, in Township 9 South, Range 8 E W, Riley County, KS. A.K.A: Geocenter

(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 \_\_\_\_\_ E W, \_\_\_\_\_ 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 \_\_\_\_\_ E W, \_\_\_\_\_ County, KS. A.K.A: \_\_\_\_\_

6. The proposed project for diversion of water will consist of 1 new well to create a battery with senior wells  
(number of wells, pumps, dams, etc.)

and was/will be completed on or by the following date: ASAP  
(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 ASAP  
(Date)

8. List any application, appropriation of water, water right, or vested right file number that covers the same point(s) of diversion or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

Overlapping PU with 30908 and 45462, Change applications will be filed to create a complete PD/PU overlap with senior files

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9. 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 reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you made an application for a permit for construction of this dam and reservoir with DWR?  Yes  No

If yes, write the Water Structures permit number here: \_\_\_\_\_

11. Furnish a detailed topographic or aerial map that depicts the following information:

The application **must** 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 or 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) ½ mile downstream and ½ mile upstream from your property lines, and
- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any other 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	_____	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____	_____

13. The owner(s) of the point of diversion, if other than the applicant is:

**Applicant is owner**

\_\_\_\_\_  
(name, address, and phone)

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\_\_\_\_\_  
(name, address, and phone)

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14. The owner(s) of the property where the water is used, if other than the applicant, is:

**Applicant is owner**

\_\_\_\_\_  
(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:

Wesley Howe 1712 Claflin Rd. 2021 Throckmorton, 66506  
(name, address, and phone)

(785) 410-1149

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 all statements made above, and that this application is submitted in good faith.

Wesley Howe

(Applicant Signature)

12/20/2024

(Date)

Wesley Howe

(Applicant Name - please print)

Research Assistant

(Applicant Title, if applicable - please print)

Assisted by CCB

MHQ/ES

(office/title)

Date: \_\_\_\_\_

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## FEE SCHEDULE

*Make checks payable to the Kansas Department 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>

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S30-T9S-R8E

S31-T9S-R8E



X Proposed Point of Diversion  
 O Authorized Point of Diversion  
 Proposed Place of Use  
 Section Line

Scale: 1:15,000

# Application Map

## 31-9S-8E // Riley County

Signature / Date

CCB/MHQ 12/19/2024

N

Feet  
0 500 1,000

Miles  
0 0.13 0.25



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### IRRIGATION USE SUPPLEMENTAL SHEET

File No. \_\_\_\_\_

Name of Applicant (Please Print): KS State University Horticulture, Forestry & Recreation (HNR)

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

**Landowner of Record** NAME: KS State University Horticulture, Forestry & Recreation (HNR)

ADDRESS: 2021 Throckmorton Hall, 1712 Claflin Road, Manhattan KS 66506

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
31	9S	8E	L-1 17.5	L-2 5.5	L-6 1.0														24.0
30	9S	8E											L-18 5.0						5.0

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

b. Estimate the average land slope in the field(s): \_\_\_\_\_ %

Estimate the maximum land slope in the field(s): \_\_\_\_\_ %

c. Type of irrigation system you propose to use (check one):

\_\_\_\_\_ Center pivot      \_\_\_\_\_ Center pivot - LEPA      \_\_\_\_\_ "Big gun" sprinkler

\_\_\_\_\_ Gravity system (furrows)      \_\_\_\_\_ Gravity system (borders)      \_\_\_\_\_ Sideroll sprinkler

Other, please describe: In ground system/zones for turf

d. System design features:

i. Describe how you will control tailwater: n/a

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 65 psi

(2) What is the sprinkler package design rate? 1 → 60 gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? \_\_\_\_\_ feet n/a

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations: Turf Grass to be irrigated at 3 acre-feet per acre.

Turfgrass, wheat

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

Research, weather based

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

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Kansas Department of Agriculture  
ELECTRONIC PAYMENT FORM

1320 Research Park Drive  
Manhattan, Kansas 66502  
Phone: (785)-564-6767  
Fax: (785) 564-7490  
KDA.FSL@ks.gov

DEC 20 2024

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Acceptable cards are Visa, MasterCard, Discover, American Express or Pay by Electronic Check

Business Name: Kansas State University

Cardholder/Name on Check (Please Print): Wesley Howe

Billing Address: 1712 Claflin Rd. 2021 Throckmorton

City: Manhattan State: KS Zip: 66506

Telephone Number: (785) 410 - 1149

E-Mail Address for Receipt: wkhowe@ksu.edu

Payment Method:  Visa  Master Card  Discover  American Express  Electronic Check

Credit Card Number: 4866 9161 0731 4371

Credit Card Expiration Date: 02/28

Security Code (see back of credit card): 655

OR

Account Number: \_\_\_\_\_

Routing Number: \_\_\_\_\_

Total Amount to be Charged \$ 200

Card Holder's Signature: Wesley Howe

For Office Use Only

Approval Code REG APP. -

Transaction # PY2412R96B8

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

January 14, 2025

KS STATE UNIVERSITY HORTICULTURE, FORESTRY & RECREATION  
2021 THROCKMORTON HALL  
MANHATTAN KS 66506

RE: Application, File No(s). **51384**

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 [agriculture.ks.gov/divisions-programs/dwr](http://agriculture.ks.gov/divisions-programs/dwr). If you have any other questions, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser  
New Applications Lead  
Water Appropriation Program