

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 50167
This item to be completed by the Division of Water Resources.

Water Resources
Received

**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.)

NOV 16 2018
11:34
KS Dept Of Agriculture

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
1320 Research Park Drive, Manhattan, KS 66502:

1. Name of Applicant (Please Print): SHANNON HOOK
Address: 8948 NW US HWY 24
City: SILVER LAKE State KS Zip Code 66539
Telephone Number: () _____

2. The source of water is: surface water in _____ (stream)
OR groundwater in KANSAS RIVER (drainage basin)

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.

3. The maximum quantity of water desired is 116 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800** 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.

4. The water is intended to be appropriated for (Check use intended):
(a) Artificial Recharge (b) Irrigation (c) Recreational (d) Water Power
(e) Industrial (f) Municipal (g) Stockwatering (h) Sediment Control
(i) Domestic (j) Dewatering (k) Hydraulic Dredging (l) Fire Protection
(m) Thermal Exchange (n) Contamination Remediation

* QUANTITY LIMITED TO 116 AF WHEN COMBINED WITH FILE NO. 34069

** RATE LIMITED TO 800 gpm WHEN COMBINED WITH FILE NO. 34069

For Office Use Only:		F.O. <u>1</u> GMD <input checked="" type="checkbox"/> Meets K.A.R. 5-3-1 (YES/NO) Use <u>RR</u> Source <input checked="" type="radio"/> S County <u>SN</u> By <u>DAW</u> Date <u>11/16/18</u>	
Code <u>RE2</u>	Fee \$ <u>300</u>	TR # _____	Receipt Date <u>11/16/18</u> Check # <u>8528</u>

11/21/2018 UM

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.

ONE WELL

(A) One in the SW quarter of the NW quarter of the NE quarter of Section 21, more particularly described as being near a point 4424 feet North and 2069 feet West of the Southeast corner of said section, in Township 11 South, Range 21¹⁵ EAST, SHAWNEE County, Kansas.

ONE WELL

(B) One in the SW quarter of the NW quarter of the NE quarter of Section 21, more particularly described as being near a point 4442 feet North and 2157 feet West of the Southeast corner of said section, in Township 11 South, Range 21¹⁵ EAST, SHAWNEE County, Kansas.

GEOCTR

(C) One in the SW quarter of the NW quarter of the NE quarter of Section 21, more particularly described as being near a point 4433 feet North and 2113 feet West of the Southeast corner of said section, in Township 11 South, Range 21¹⁵ EAST, SHAWNEE 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.

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 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):

THOMAS L WAIT 100 MONROE HILL CT HERNDON VA 20170
(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 November 14, 2018.

Hook Farms, LLC by
R. [Signature] Hook Member
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of BATTERY OF 2 WELLS
(number of wells, pumps or dams, etc.)

and WILL BE completed (by) JUNE 2019
(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 JULY 2019
(Mo/Day/Year)

13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	<u>11-12-80</u>	<u>2-21-18</u>	_____	_____
Total depth of well	<u>45'</u>	<u>50'</u>	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	<u>17.6</u>	<u>12'</u>	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of

TENANT
(owner, tenant, agent or otherwise)

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

SEE IRRIGATION USE SUPPLEMENTAL SHEET
(name, address and telephone number)

(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Silver Lake, Kansas, this 14 day of November, 2018.
(month) (year)

Hook Farms LLC by
A. Glen Hark Member
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by BRETT BUNGER TFO/ ASST WATER COMM. Date: 11-17-18
(office/title)

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Received
NOV 16 2018
KS Dept Of Agriculture

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 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 _____
- If no, explain here why a Water Structures permit is not required _____

11. The application must 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 1/2 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 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 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. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points 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.

P/D & P/U - 34069

800 01 502

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 50167

Name of Applicant (Please Print): SHANNON HOOK

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: THOMAS L WAIT

ADDRESS: 100 MONROE HILL CT HERNDON VA 20170

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE					
16	11	15E															7			16			23
21	11	15E		38	12			32															93

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					

Water Resources
Received

NOV 16 2018

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: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

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

(2) What is the sprinkler package design rate? _____ 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

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

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

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).

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

(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
1320 Research Park Drive
Manhattan, Kansas 66502

Re: Application File No. 50167

Minimum Desirable Streamflow
Kansas River Assurance District
Water Reservation Rights

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established, an Assurance District has been formed and established or a Water Reservation Right is held by the Kansas Water Office (**circle the appropriate item**) for the source of supply to which the above referenced application applies, namely the Kansas River.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met, Assurance District or Water Marketing releases are being made from storage in Federal Reservoirs or when a Reservation Right upstream of a Federal Reservoir is being administered.

I also 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. I realize that this could affect the economics of my decision to appropriate water.

I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Hook Farms LLC by
R. Shannon Hook Member
Signature of Applicant
R. Shannon Hook
Print Applicant Name

State of Kansas)
County of Shawnee) SS

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 14th day of November, 2018

Paula Brazda
Notary Public

My Commission Expires: 8/25/21

 **Paula Brazda**
Notary Public
State of Kansas
My Commission Expires 8/25/21

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NOV 16 2018

50167

WELLS WITHIN ONE-HALF MILE

- #1) Leroy Hare Sr (DOM.)
2040 NW Menoken Rd
Topeka KS 66618
- #2) Catherine A Montgomery (DOM.)
2120 NW Menoken Rd
Topeka KS 66618
- #3) James F Munger (DOM.)
2138 NW Menoken Rd
Topeka KS 66618-4703
- #4) Dennis Stover (DOM.)
8548 NW US Hwy 24
Silver Lake KS 66539
- #5) Roy A & Sandra A Sutton (DOM.)
5425 NW 17th St
Topeka KS 66618
- #6) Thomas W Graham (DOM.)
5245 NW 17th St
Topeka KS 66618-3804
- #7) Shawnee Terminal Elevator (Ind – File No. 3058)
PO Box 170
Seneca KS 66538
- #8) Rick Stover (IRR – File No. 27869)
5636 NW 17th St
Topeka KS 66618-4707
- #9) Oldcastle Precast Inc (IND. – File No. 41043)
5230 NW 17th
Topeka KS
- #10) Edward I & Catherine A Clare (IRR. – File No. 48270)
3868 114th St
Meriden KS 66512

Water Resources
Received

NOV 16 2018

KS Dept Of Agriculture

STATE OF KANSAS

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

November 21, 2018

SHANNON HOOK
8948 NW US HWY 24
SILVER LAKE, KS 66539

RE: Application, File No. **50167**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number 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 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 is unlawful.

Additional information about the process may be found on our website at 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,

A handwritten signature in black ink that reads "Brent A. Tourney". The signature is written in a cursive style.

Brent Tourney, L.G.
Change Applications Unit Supervisor
Water Appropriation Program

1:12,000

New Application

50167

