

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

Water Resources
Received

File Number 50024
This item to be completed by the Division of Water Resources.

MAR 26 2018

2:32
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.)

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): JEFF KOCH
Address: 2713 SHELL ROAD
City: CLYDE State KS Zip Code: 66938
Telephone Number: (785) 243-4896 e-mail: jeff.kochcpa@sbcglobal.net

2. The source of water is: surface water in Tributary to Republican River 3936
(stream)
OR groundwater in REPUBLICAN 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. Redivert 89.7 AF for IRR use at 1,400 gpm

3. The maximum quantity of water desired is storage 126 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of NF gallons per minute OR _____ cubic feet per second.
750-

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

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.

For Office Use Only:										
F.O.	<u>3</u>	GMD	<input checked="" type="checkbox"/>	Meets K.A.R. 5-3-1 (YES/NO)	Use	<u>IRR</u>	Source	<u>G</u>	County	<u>CO</u>
Code	<u>REG</u>	Fee \$	<u>200</u>	TR #	Receipt Date	<u>3/20/18</u>	Check #	<u>9537</u>	Date	<u>3/27/18</u>

4/2/2018 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.

- (A) One in the NE quarter of the NE quarter of the SE quarter of Section 21, more particularly described as being near a point 2,051 feet North and 143 feet West of the Southeast corner of said section, in Township 5 South, Range 1 WEST, CLOUD County, Kansas. North Pond
- (B) One in the SE quarter of the NE quarter of the SE quarter of Section 21, more particularly described as being near a point 1,557 feet North and 95 feet West of the Southeast corner of said section, in Township 5 South, Range 1 WEST, CLOUD County, Kansas. South Pond
- (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.

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):

APPLICANT
(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 March 23, 2018, [Signature]
Applicant's Signature

7. The proposed project for diversion of water will consist of 2 Dams and Reservoirs
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) EXISTING Ponds
(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
(Mo/Day/Year)

Water Resources
Received

MAR 26 2018

NEW STREAM WORKSHEET

ES _____

Date: 3/27/10

File No. 50024

Basin Name: Republican Basin No. 27

Stream Name: Republican River Trib 24A (Republican)

Stream location (confluence with parent stream):

Section ~~27~~ 27, Township 5 South, Range 1 West (East)

Map Color Coding:

Basin Stream – Blue

Named Main Stream off Basin Stream – Yellow

Named Stream off Main Stream – Green

Unnamed Trib (1, 2, 3, 4, etc.) – Pink

Unnamed Trib to Unnamed Trib (A, B, C, etc.) – Orange

Unnamed Trib to Unnamed Trib to Unnamed Trib (1, 2, 3, etc.) – Purple

Stream No. 3 9 3 4 (computer assigned - entered by data entry staff)

Date Entered 4/2/2018 By LLM

NEW STREAM WORKSHEET

ES AMW

Date: 3/27/18

File No. 50024

Basin Name: Republican River Basin No. 27

Stream Name: Republican River Trib 24 (Republican)

Stream location (confluence with parent stream):

Section 27, Township 5 South, Range 1 ^{West} (~~East~~)

Map Color Coding:

Basin Stream – Blue

Named Main Stream off Basin Stream – Yellow

Named Stream off Main Stream – Green

Unnamed Trib (1, 2, 3, 4, etc.) – Pink

Unnamed Trib to Unnamed Trib (A, B, C, etc.) – Orange

Unnamed Trib to Unnamed Trib to Unnamed Trib (1, 2, 3, etc.) – Purple

Stream No. 3935 (computer assigned - entered by data entry staff)

Date Entered 4/2/2018 By AM

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
Eudora	7%	0.74	
Muir	22%	0.74	
Carroll	12%	0.74	
Hamburger	7%	0.74	
Crete	15%	0.74	
Hastings	22%	0.40	
Geary	15%	0.54	
Total:	100%		

b. Estimate the average land slope in the field(s): 0.7 %

Estimate the maximum land slope in the field(s): 2.3 %

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:

Limited water so using center pivot we hope to avoid any runoff
 The soils are sandy and sandy loam so should not have much, if we

ii. For sprinkler systems: irrigate at 0.60" per pass.

(1) Estimate the operating pressure at the distribution system: 40 psi

(2) What is the sprinkler package design rate? 600 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? 36 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:

CORN AND SOYBEANS

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).

Hope to apply about 1.25" water between corn tassle and end of pollinatio
 if needed and water available - likely 2 passes with the pivot per year
 Hope to apply about 1.25" of water to soybeans around pod set if dry and water available

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


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MAR 26 2018

50004

JEFF KOCH - SITE MAP
SECS. 21 & 22, T5S, R1W
CLOUD COUNTY



- Proposed Point of Diversion
-  Proposed Place of Use

1:24,000

All Landowners Adjacent to the stream within 1/2 mile of property lines are shown on this map.

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KS Dept Of Agriculture

① Lay Morehead
② Allen Charbonneau

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 _____

To be reviewed by Structures Program

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.

NONE

Runoff of 201 acre drainage basin is 142 AF. 69 acres x 1.3 AF/acre = 89.7

Quantity Requested = 89.7 AF + 30 AF (capacity) + 6.3 AF (evap) = 126 AF

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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	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
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 Owner
(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):

Owner

 (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 Clyde, Kansas, this 23rd day of March, 2018.
(month) (year)



 (Applicant Signature)



 APPLICANT(S) SOCIAL SECURITY IDENTIFICATION NUMBER(S)

By _____
(Agent or Officer Signature)

_____ and/or
APPLICANT(S) TAXPAYER I.D. NO.(S)

JEFFREY J. KOCH

 (Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO Date: 3/21/2018
(office/title)

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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
0-100	\$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 of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

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

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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River

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KS Dept Of Agriculture

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 50024

Name of Applicant (Please Print): JEFF KOCH

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: JEFFREY J & JENNIFER L KOCH

ADDRESS: 2713 SHELL ROAD, CLYDE, KS 66938

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
22	5	1W										29	40						69

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**

MAR 26 2018

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

April 2, 2018

JEFF KOCH
2713 SHELL ROAD
CLYDE KS 66938

RE: Application
File No. 50024

Dear Sir or Madam:

Your application for permit to appropriate water in 21-5S-1W in Cloud 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

BAT: dlw
pc: STOCKTON Field Office
GMD