

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

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE



State of Kansas

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

WATER RESOURCES
RECEIVED

SEP 05 2024
15:32
KS Dept. of Agriculture

File Number: 51304

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

1. Name of Applicant: TYLER CROSSON
Address: 1537 NUGGET RD
City: MINNEAPOLIS State: KS Zip Code: 67467
Phone: _____ Email: _____

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

3. The maximum annual quantity of water desired is 169 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):

<input type="checkbox"/> Artificial Recharge*	<input checked="" type="checkbox"/> Irrigation*	<input type="checkbox"/> Recreational*	<input type="checkbox"/> Water Power*
<input type="checkbox"/> Industrial*	<input type="checkbox"/> Municipal*	<input type="checkbox"/> Stockwatering*	<input type="checkbox"/> Sediment Control
<input type="checkbox"/> Domestic	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Hydraulic Dredging	<input type="checkbox"/> Fire Protection
<input type="checkbox"/> Thermal Exchange	<input type="checkbox"/> 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>3</u>	GMD	-	DUA	-	Use	<u>IRR</u>
Code	<u>REL</u>	Fee \$	<u>300</u>	TR #		County	<u>OT</u>
						By	<u>KJN</u>
						Date	<u>9/6/24</u>
						Receipt Date	<u>9-5-24</u>
						Check #	<u>7258</u>

SEP 05 2024

File No. _____

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5. The location(s) of the proposed diversion work(s) (well, pumphouse, 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 _____ quarter of the NC quarter of the SE quarter of Section 3, more particularly described as being near a point 1318 feet North and 1327 feet West of the Southeast corner of said section, in Township 12 South, Range 4 E W, OTTAWA County, KS. A.K.A: _____

(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 _____ E W, _____ County, KS. A.K.A: _____

(C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ E W, _____ County, KS. A.K.A: _____

(D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ 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 WELL
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: 12/31/14
(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 2025
(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.

47954 IS CURRENTLY AUTHORIZED FOR 57 AF FOR 130 ACRES. THIS APPLICATION PROPOSES

THE FULL QTY ALLOWED PER K.A.R. 5-3-24 (1.3 AF/ACRE). 130 ACRES X 1.3 = 169 AF

THIS APPLICATION PROPOSES 169 AF WITH 112 AF BEING ADD QTY TO FILE 47954

SEP 05 2024

File No. _____

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: NA

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 1/2 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 1/2 mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines, and

- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any 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	<u>5/8/14</u>	_____	_____	_____	_____
Total depth of well	<u>157</u>	_____	_____	_____	_____
Depth to static water level	<u>49</u>	_____	_____	_____	_____

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

VALERIE D CRUM TRUST 406 W 5TH ST MINNEAPOLIS, KS 67467

(name, address, and phone)

(name, address, and phone)

14. The owner(s) of the property where the water is used, if other than the applicant, is:
VALERIE D CRUM TRUST 406 W 5TH ST MINNEAPOLIS, KS 67467
(name, address, and phone)

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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:

TYLER CROSSON 1537 NUGGET RD MINNEAPOLIS, KS 67467
(name, address, and phone)

17. I understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. This could affect the economics of my decision to appropriate water. Situations where this might occur may include times when minimum desirable streamflow (MDS) requirements are not met, when Assurance District or Water Marketing releases are made from storage in federal reservoirs, when a Water Reservation Right upstream of a federal reservoir is administered, or when water rights administration becomes necessary to prevent impairment.

I declare, under penalty of perjury, that I have legal access to or control of, the point(s) of diversion described in this application from the landowner or the landowner's authorized representative.

By signing below, I verify that the information set forth above is true to the best of my knowledge, I agree with all statements made above, and that this application is submitted in good faith.

Valerie Crum Trust, trustee
(Applicant Signature)

8-22-24
(Date)

Valerie Crum Trust, Trustee
(Applicant Name - please print)

(Applicant Title, if applicable - please print)



Faunett R Weis
8/22/24

Assisted by MAB

AWC STKFO
(office/title)

Date: 8-15-24

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FEE SCHEDULE

Make checks payable to the Kansas Department of Agriculture.

KS Dept. of Agriculture

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

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

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

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

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

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

IMPORTANT NOTICE

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

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

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

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

Manhattan HQ
1320 Research Park Dr.
Manhattan, KS 66502
785-564-6638

Topeka Field Office
1131 SW Winding Rd, Ste 400
Topeka, KS 66615
785-296-5733

Stafford Field Office
300 S. Main St
Stafford, KS 67578
620-234-5311

Stockton Field Office
820 S. Walnut
Stockton, KS 67669
785-425-6787

Garden City Field Office
4532 W. Jones Ave, Ste B
Garden City, KS 67846
620-276-2901

Helpful Sources of Information

DWR Water Appropriation Program
DWR Water Appropriation Forms
KGS Water Well Completion Records
DWR Structures Program

<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation>
<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-appropriation-forms>
<https://www.kgs.ku.edu/Magellan/WaterWell/index.html>
<https://agriculture.ks.gov/divisions-programs/dwr/dam-safety/permit-requirements>

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ii. For sprinkler systems:

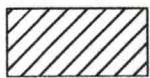
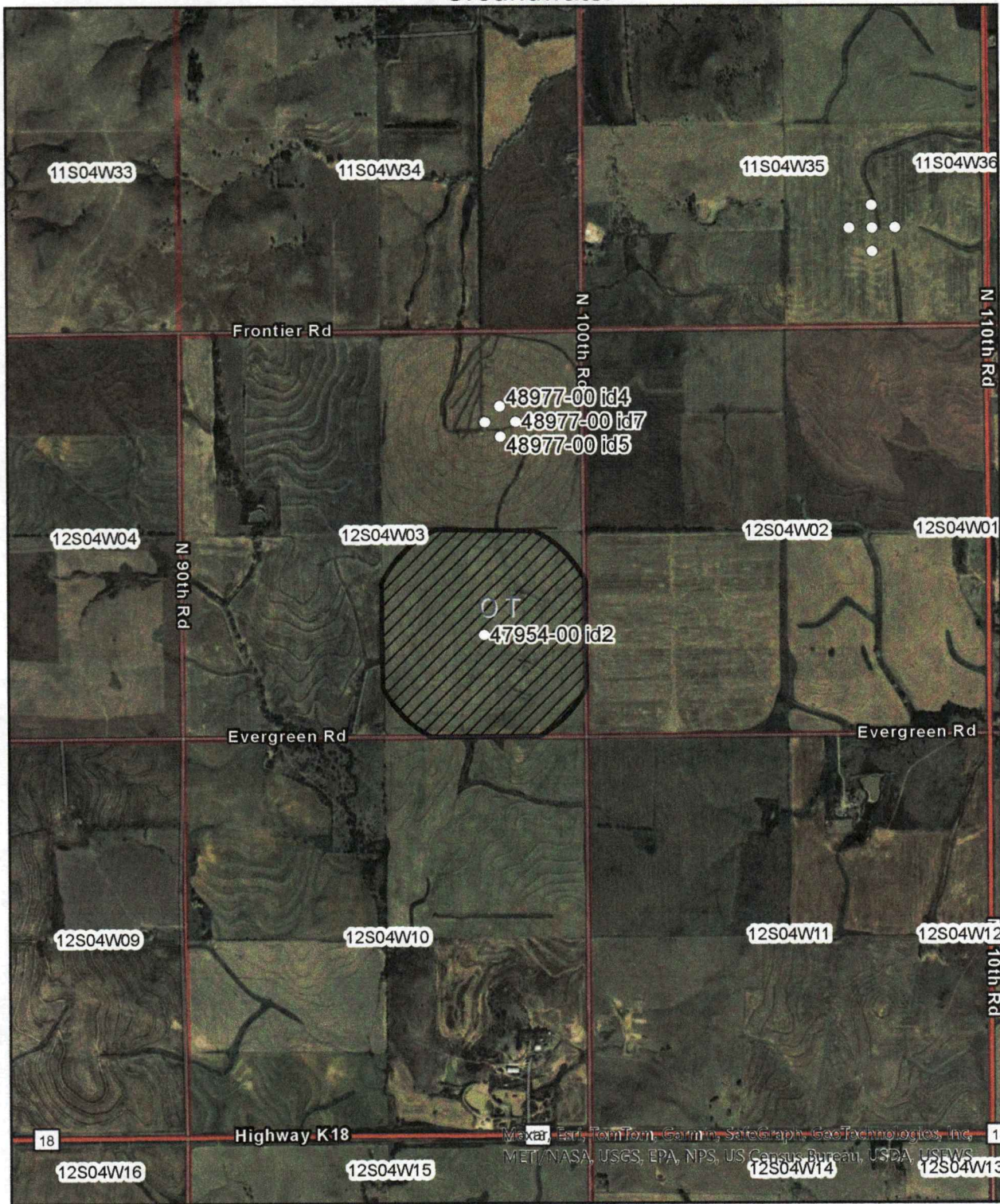
- (1) Estimate the operating pressure at the distribution system: 35 psi
- (2) What is the sprinkler package design rate?
600 gpm
- (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? feet
- (4) Please include a copy of the sprinkler package design information.

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

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). SOIL MOISTURE

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

New Application Groundwater



Proposed Place of Use

△ Surface Water Point of Diversion

○ Groundwater Point of Diversion

Scale:
1:24,000

Signature Required

Valerie D. Cream Trustee

By signing this I am stating that to the best of my knowledge that all wells within 1/2 mile of proposed well location are identified on this map.

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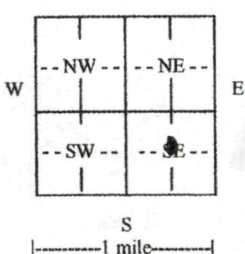
KS Dept. of Agriculture

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

47,954

1 LOCATION OF WATER WELL: County: OTTAWA	Fraction SE ¼ SE ¼ NW ¼ SE ¼	Section Number 3	Township No. T 12 S	Range Number R 4 <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> 4.5 miles North & 3/4 mile East of Culver, Ks.		Global Positioning System (GPS) information: Latitude: 39.03445..... (in decimal degrees) Longitude: 97.74718..... (in decimal degrees) Elevation: 1326..... Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																				
2 WATER WELL OWNER: Stephen Rupert RR#, Street Address, Box #: 406 W. 5th St. City, State, ZIP Code : Minneapolis. Ks 67467																																																																						
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N 	4 DEPTH OF COMPLETED WELL 156 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... 49 ft. below land surface measured on mo/day/yr. 5/8/2014..... Pump test data: Well water was..... ft. after..... hours pumping..... gpm EST. YIELD. 550..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter .30..... in. to 157 ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																					
	5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter 16 in. to 96 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12 in., Weight 16.15 lbs./ft., Wall thickness or gauge No. 0.500 TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input checked="" type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From..... 96 ft. to 156 ft., From ft. to ft. GRAVEL PACK INTERVALS: From..... 23 ft. to 156 ft., From ft. to ft. From..... ft. to ft., From ft. to ft.																																																																					
6 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From 1 ft. to 23 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well Direction from well None within 1/4 mile Distance from well																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> <td>Topsoil</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>10</td> <td>Clay, yellow and tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>22</td> <td>Sandstone, tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>30</td> <td>Shale, gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>37</td> <td>Sandstone, tan/loose</td> <td></td> <td></td> <td></td> </tr> <tr> <td>37</td> <td>56</td> <td>Shale, gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>56</td> <td>117</td> <td>Sandstone, white</td> <td></td> <td></td> <td></td> </tr> <tr> <td>117</td> <td>125</td> <td>Shale, gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>125</td> <td>156</td> <td>Sandstone, white</td> <td></td> <td></td> <td></td> </tr> <tr> <td>156</td> <td>157</td> <td>Iron pyrite & shale</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	3	Topsoil				3	10	Clay, yellow and tan				10	22	Sandstone, tan				22	30	Shale, gray				30	37	Sandstone, tan/loose				37	56	Shale, gray				56	117	Sandstone, white				117	125	Shale, gray				125	156	Sandstone, white				156	157	Iron pyrite & shale			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) 5/8/2014..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/year) 5/19/2014..... under the business name of Peterson Irrigation, Inc. by (signature) <i>Michael Peterson</i>																																																																						
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html																																																																						

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

September 13, 2024

TYLER CROSSON
1537 NUGGET RD
MINNEAPOLIS KS 67467

RE: Application, File No(s). **51304**

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. If you have any other questions, please contact our office at 785-564-6640 or your local Stockton Field Office at 785-425-6787. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser
New Applications Lead
Water Appropriation Program