

Kansas Department of Agriculture  
Division of Water Resources  
PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: <b>49,672</b>	2. Status Change Date: <u>11/3/2016</u>	3. Field Office: <b>3</b>	4. GMD: <b>0</b>
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5. Status:     Approved        Denied by DWR/GMD        Dismiss by Request/Failure to Return

6. Enclosures:    Check Valve     N of C Form     Water Tube     Driller Copy     Meter

7a. Applicant(s)  New to system    Person ID **63966**  
Add Seq# \_\_\_\_\_

**TYLER CROSSON**  
**1537 NUGGET RD**  
**MINNEAPOLIS KS 67467**

7b. Landowner(s)  New to system    Person ID **63976**  
Add Seq# \_\_\_\_\_

**CROSSON FARMS TRUST**  
**KENT CROSSON TRUSTEE**  
**1554 US HWY 81**  
**MINNEAPOLIS KS 67467**

7c. Landowner(s)  New to system    Person ID \_\_\_\_\_  
Add Seq# \_\_\_\_\_

7d. Misc.  New to system    Person ID \_\_\_\_\_  
Add Seq# \_\_\_\_\_

8. WUR Correspondent  New to system    Person ID \_\_\_\_\_  
Add Seq# \_\_\_\_\_  
Overlap File (s) WUC  
Agree  Yes  No    Notarized WUC Form

**7a.**

9. Use of Water:    Changing?     Yes     No

Groundwater     Surface Water

IRR     REC     DEW     MUN

STK     SED     DOM     CON

HYD DRG     WTR PWR     ART RECHRG

IND SIC: \_\_\_\_\_     OTHER: \_\_\_\_\_

10. Completion Date: **12/31/2017**    11. Perfection Date: **12/31/2021**    12. Exp Date: \_\_\_\_\_

13. Conservation Plan Required?  Yes  No    Date Required: \_\_\_\_\_    Date Approved: \_\_\_\_\_    Date to Comply: \_\_\_\_\_

14. Water Level Measuring Device?  Yes  No    Date to Comply: \_\_\_\_\_    Date WLMD Installed: \_\_\_\_\_

Date Prepared: **11/1/2016**    By: **AM**  
Date Entered: 11/7/2016    By: UM

File No. **49,672**      15. Formation Code: **330**      Drainage Basin: SOLOMON RIVER      County: OT      Special Use:      Stream:

16. Points of Diversion										17. Rate and Quantity					
MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Authorized		Additional		Overlap PD Files
											Rate gpm	Quantity af	Rate gpm	Quantity af	
MOD			85450	SW SE NW	29	10S	3W	6	3000	3730	800	136	800	136	NONE
ENT			85719	BATT 1 OF 4	29	10S	3W		3000	3530					
ENT			85720	BATT 1 OF 4	29	10S	3W		3000	3930					
ENT			85721	BATT 1 OF 4	29	10S	3W		2800	3730					
ENT			85722	BATT 1 OF 4	29	10S	3W		3200	3730					

18. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

19. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

20. Meter Required?  Yes     No      To be installed by **12/31/2017**      Date Acceptable Meter Installed \_\_\_\_\_

21. Place of Use										NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
MOD	DEL	ENT	PUSE	S	T	R	ID	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼						
CHK			67913	29	10S	3W	2							31	31	35	35								132	7b	NO	NONE	

Comments: PDIV 85450 IS GEO-CENTER – ALL WELLS LOCATED IN (SW SE NW)

**KANSAS DEPARTMENT OF AGRICULTURE**  
**Division of Water Resources**

**M E M O R A N D U M**

**TO:** Files  
**FROM:** Austin McColloch

**DATE:** November 1, 2016  
**RE:** New Application,  
File No. 49,672

Tyler Crosson has filed an application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, with a quantity of 136 acre-feet of water per calendar year, and a diversion rate of 800 gallons per minute. The proposed point of diversion has a geographical center located in the Southwest Quarter of the Southeast Quarter of the Northwest Quarter (SW $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ) of Section 29, more particularly described as being near a point 3,000 feet North and 3,730 feet West of the Southeast corner of said section, in Township 10 South, Range 3 East, Ottawa County, Kansas, within the Solomon River drainage basin.

There are no other water rights overlapping the point of diversion or place of use. The applicant has signed the application form stating that they have legal access to the point of diversion.

Based on area well logs, it appears the local source of supply is to be unconfined Dakota Aquifer. Per K.A.R. 5-1-1(iii) "unconfined Dakota aquifer system" means that a portion of the Dakota aquifer system not overlain by a confining layer in which the aquifer is in equilibrium with atmospheric pressure. The well log submitted with the application shows shallow sand and gravel layer overlaying the primary sandstone layer that extends from 78 feet to 122 feet below ground surface, underlain by clay to a total depth of 197 feet. Other nearby wells within a four-mile circle generally have depths to top of the sandstone aquifer ranging from 40 to 60 feet below ground, contain shallow sandstone layers or terrace deposits, and have static water levels at or just above the top of the sandstone aquifer, also supporting the unconfined Dakota aquifer extends throughout this area. This would be consistent with senior File Nos. 44,158; 48,780; 49,142; 49,246 and 49,266 located within this same area.

K.A.R. 5-3-11 applies to safe yield evaluations for all unconfined aquifers. One of the specific criteria is to determine the extent of the unconfined aquifer, which discussed above, it was determined that the entire two mile circle should be considered, providing 8,042 acres. Safe yield was determined to be 1,342 acre-feet, existing appropriations have appropriated 934 acre-feet, leaving 408 acre-feet available. Thus the application meets safe yield.

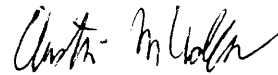
The place of use is 132 acres proposed for irrigation purposes. The proposed quantity of 136 acre-feet per calendar year provides 1.03 acre-feet per acre, making it within the reasonable quantity for Ottawa County (1.3).

Required well spacing to domestics in this aquifer is 1,320 feet. The applicant identified two domestic wells on the map, the closest one being 1,600 feet away. The WRIS database shows that the nearest permitted well (File No. 11,675) is 2,725 feet away, so the application meets spacing to all wells. Nearby letters were sent out on October 11, 2016 notifying of the diversion works proposed. No response of any kind was received.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. 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 an October 31, 2016 e-mail, Kelly Stewart, Water Commissioner, Stockton Field Office, recommended approval of the application.

Based on the above discussion, the area is open to new appropriations, the application complies with safe yield and well spacing criteria, approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest. It is recommended that the referenced application be approved.



Austin McColloch  
Environmental Scientist

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

November 7, 2016

TYLER CROSSON  
1537 NUGGET RD  
MINNEAPOLIS KS 67467

**FILE COPY**

Re: Appropriation of Water  
File No. 49,672

Dear Mr. Crosson:

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. A water meter is required on the proposed 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 must be used to provide the information required on the annual water use report.

The enclosed form must be used to notify the Chief Engineer that the proposed diversion works have been completed. Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works and pay the field inspection fee within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. 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 enclosed permit. 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 this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A. Turney, P.G.  
Change Application Unit Supervisor  
Division of Water Resources

BAT:am

Enclosures

pc: Crosson Farms Trust  
Stockton Field Office



KANSAS DEPARTMENT OF AGRICULTURE  
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION  
and  
PERMIT TO PROCEED**  
(This is not a Certificate of Appropriation)

**FILE COPY**

This is to certify that I have examined Application File No. 49,672 of the applicant

**TYLER CROSSON  
1537 NUGGET RD  
MINNEAPOLIS KS 67467**

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 **July 13, 2016**.
2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
29	10S	3W							31	31	35	35							132

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a battery of four (4) wells with a geographic center located in the Southwest Quarter of the Southeast Quarter of the Northwest Quarter (SW¼ SE¼ NW¼), of Section 29, more particularly described as being near a point 3,000 feet North and 3,730 feet West of the Southeast corner of said section, in Township 10 South, Range 3 West, Ottawa County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **800 gallons per minute (1.78 c.f.s.)** and to a quantity not to exceed **136 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2017** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$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 of \$100.00.

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2021** 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 of \$100.00.

7. 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.

8. 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.

9. 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.

10. 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.

11. That all 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 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.

12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the 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).

14. 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.

15. That the applicant identified in this order shall install an anti-reverse totalizing water flowmeter which meets or exceeds specifications adopted by the Chief Engineer.

16. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

17. 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.

18. 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.

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer, or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564-6777.

Ordered this 3<sup>rd</sup> day of November, 2016, in Topeka, Shawnee County, Kansas.

*Lane P. Letourneau*

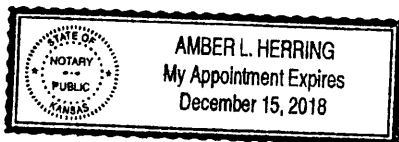
Lane P. Letourneau, P.G.  
Program Manager  
Water Appropriation Program  
Division of Water Resources  
Kansas Department of Agriculture

State of Kansas            )  
                                      ) SS  
County of Riley            )

The foregoing instrument was acknowledged before me this 3<sup>rd</sup> day of November, 2016, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

*Amber L. Herring*

Notary Public





### CERTIFICATE OF SERVICE

On this <sup>7<sup>th</sup></sup> day of ~~November~~, 2016, I hereby certify that the foregoing Approval of Application, File No. 49,672, dated ~~November 3, 2016~~ was mailed postage prepaid, first class, US mail to the following:

TYLER CROSSON  
1537 NUGGET RD  
MINNEAPOLIS KS 67467

With photocopies to:

CROSSON FARMS TRUST  
KENT CROSSON TRUSTEE  
1554 US HWY 81  
MINNEAPOLIS KS 67467

Stockton Field Office



Division of Water Resources

THE STATE OF KANSAS



APPLICATION COMPLETE

10/13/16

Reviewer Am

KANSAS DEPARTMENT OF AGRICULTURE  
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
David W. Barfield, Chief Engineer

File Number 49,672

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

WATER RESOURCES RECEIVED

JUL 13 2016

10:31

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.)

WATER RESOURCES RECEIVED

UNACCEPTABLE FOR PRIORITY  
APR 27 2016  
4:00  
KS DEPT OF AGRICULTURE

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

1. Name of Applicant (Please Print): Tyler Crosson  
Address: 1537 Nugget RD  
City: Minneapolis State KS Zip Code 67467  
Telephone Number: (785) 392-4093

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in Solomon (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 136 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

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. 3 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use ERL Source G/S County OT By AW Date 7/13/16  
Code 1232 Fee \$ 30 TR # 17001715 Receipt Date 7/13/16 Check # 15100

SCANNED

7/21/2016 LCM

\* AM  
10-16-16 Email  
with Mark Billinger

Geo-center 3000' N 3730' W

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.

~~Geo-center~~  
1 of 4

(A) One in the SW quarter of the SE quarter of the NW quarter of Section 29, more particularly described as being near a point 3200 feet North and 3730 feet West of the Southeast corner of said section, in Township 10 South, Range 03 West, Ottawa County, Kansas.

2 of 4

(B) One in the SW quarter of the SE quarter of the NW quarter of Section 29, more particularly described as being near a point 3050 feet North and 3730 feet West of the Southeast corner of said section, in Township 10 South, Range 03 East/West (circle one), \_\_\_\_\_ County, Kansas.

3 of 4

(C) One in the SW quarter of the SE quarter of the NW quarter of Section \_\_\_\_\_, more particularly described as being near a point 3200 feet North and 3780 feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.

4 of 4

(D) One in the SW quarter of the SE quarter of the NW quarter of Section \_\_\_\_\_, more particularly described as being near a point 3200 feet North and 3780 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):

Kent & Suzy Crosson 1554 US Hwy 81 Manepolks  
(name, address and telephone number) 67467  
785-392-4083  
(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 July 10, 2016. [Signature]  
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 4 wells  
(number of wells, pumps or dams, etc.)  
and will completed (by) end of 2017  
(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 2017  
(Mo/Day/Year)

**IRRIGATION USE  
SUPPLEMENTAL SHEET**

File No. 49672

Name of Applicant (Please Print): Tyler Crosson

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: Kent Crosson / Crosson Farms  
 ADDRESS: 1554 US Hwy 81 Mps, KS 67467

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
29	105	3W								31	31	35	35							132

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:

*See attached*

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

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

*5-7 %*

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

*7 % (not under pivot)*

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: *no-till*

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: *30* \_\_\_\_\_ psi
- (2) What is the sprinkler package design rate? *500-800* \_\_\_\_\_ 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: *wheat, milo, soybeans*

*wheat, cover crops, corn, soy beans, milo*

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, stress*

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

3 fields, 220 acres in Ottawa County, KS

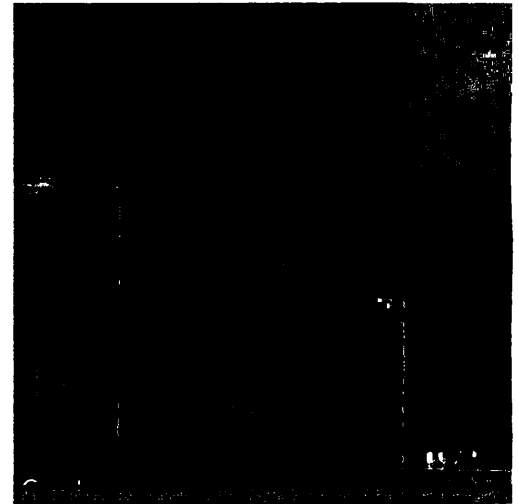
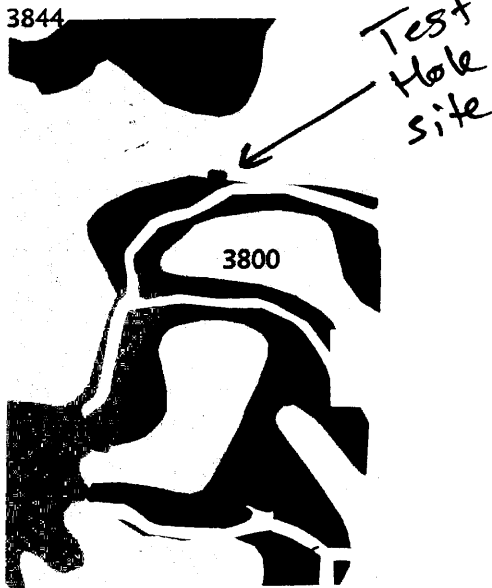
TOWNSHIP/SECTION 10S 3W - 29, 30

AVG NCCPI

COUNTY AVG

57.8

55.9



Google

Map data © 2016 Google

QUALITY 38

71

Source: NRCS Soil Survey

### All fields

220 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
3800	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	125.56	57.0%	2	57.0
■ 3826	Crete silt loam, 3 to 7 percent slopes	72.80	33.1%	3	53.0
■ 3561	Hobbs silt loam, occasionally flooded	19.77	9.0%	2	79.0
3844	Geary silt loam, 3 to 7 percent slopes	1.98	0.9%	3	70.0
<b>220.11</b>					<b>57.8</b>

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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 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.

Request 60 days for test hole drilling. No other water rights involved.  
\_\_\_\_\_  
\_\_\_\_\_

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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

agent  
(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):

Kent Crosson / Crosson Farms Inc  
(name, address and telephone number)

1554 US Hwy 81, Minneapolis, KS 67467  
(name, address and telephone number) 785-392-4078

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 \_\_\_\_\_, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_ (month) (year)

Tyl C  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by M. Billinger \_\_\_\_\_ Asst. Water Commissioner \_\_\_\_\_ Date: 02/05/16  
(office/title)



3-4-16

(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. 44,672

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

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.

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.

Tyler C

Signature of Applicant

Tyler Crosson  
(Print Applicant's Name)

State of Kansas )  
County of Ottawa ) ss

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 4<sup>th</sup> day of March, 2016.



Mindy Summers  
Notary Public

My Commission Expires: 1-28-2017

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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

**Williams Drilling Co., Inc.**  
**P. O. Box 327**  
**Belvidere, Nebraska 68315**  
**Phone 800-477-3745**                      **Fax 402-768-6099**

**KENT CROSSON**  
**TEST HOLE FOR TYLER CROSSON**

**NW1/4 OF SEC. 29, T10S, R3W**

<b>0-3</b>	<b>TOP SOIL</b>
<b>3-12</b>	<b>TAN CLAY</b>
<b>12-20</b>	<b>GRAY CLAY</b>
<b>20-38</b>	<b>SANDSTONE</b>
<b>38-41</b>	<b>SMALL TO MED GRAVEL</b>
<b>41-78</b>	<b>FIRE CLAY</b>
<b>78-122</b>	<b>SANDSTONE</b>
<b>122-123</b>	<b>FIRE CLAY/GRAY AND BROWN</b>
<b>123-197</b>	<b>GRAY CLAY</b>
<b>197-240</b>	<b>SHALE/GRAY CLAY MIX</b>

WATER RESOURCES  
RECEIVED

JUL 13 2016

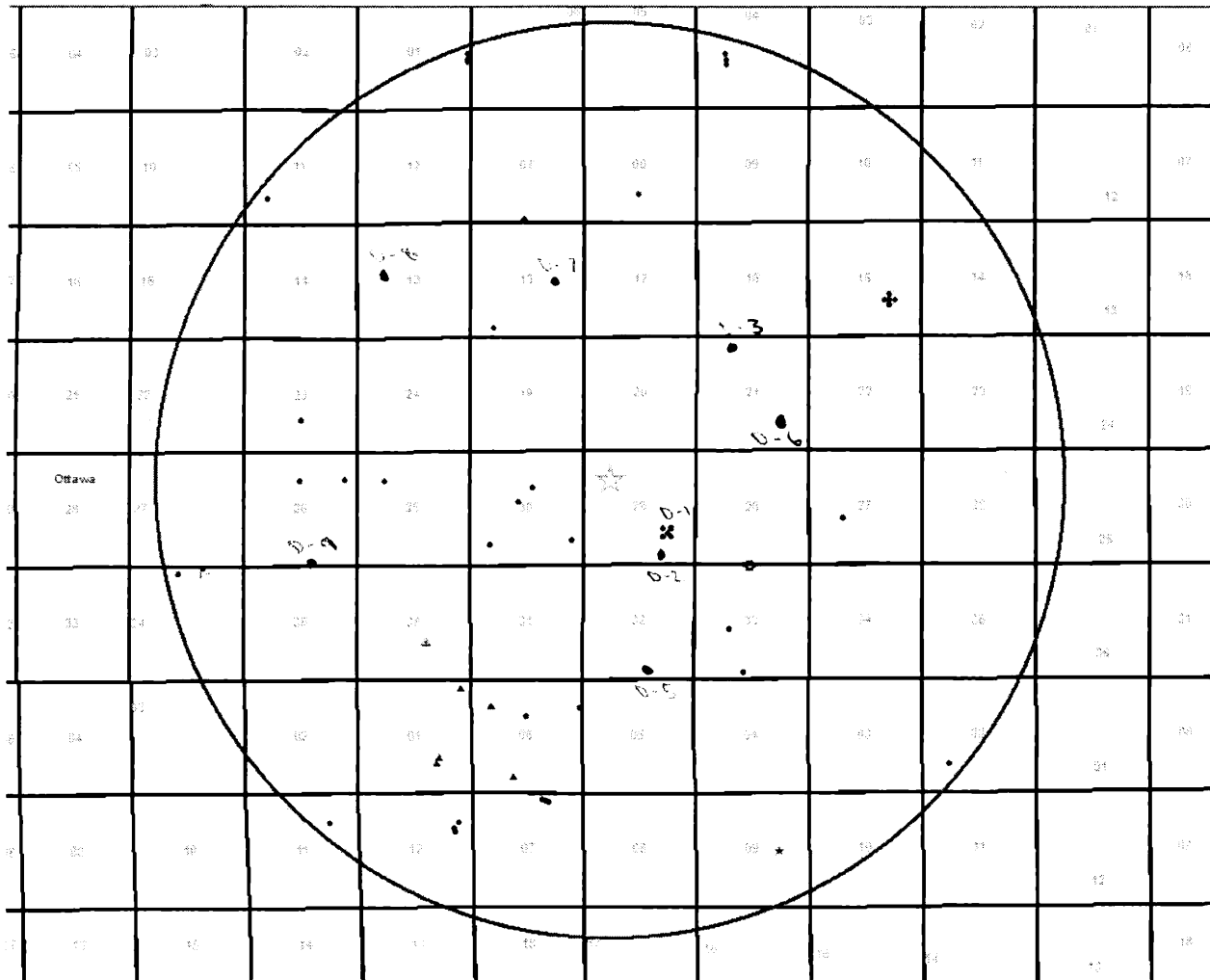
KS DEPT OF AGRICULTURE

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- D-1 File # 49,266 - Unconfined
- D-2 - Unconfined
- D-3 - Unconfined
- D-4
- D-5 - Unconfined
- D-6 File # 49,112 - Unconfined
- D-7 File # 49,246 - Unconfined
- D-8 File # 49,760 - Unconfined
- D-9 File # 49,516 - Unconfined

Nearby

Well #1

D-1

49266

Static estimated  
at 92'  
(see paragraph 13)  
of Application

**TEST HOLE #2**  
GPS lat. 39, 9, 01.0  
Lon. 097, 40, 22.9

0-1 top soil  
1-12 tan clay  
12-21 med sand and little gravel  
21-23 sandstone  
23-26 tan/yellow clay/ sandrock  
26-28 sandstone/gray and tan clay  
28-40 sandstone  
40-61 gray clay  
61-64 sandstone gray clay  
64-133 sandstone ✓ *Uncolored*  
133-145 gray and tan clay

copy

**Ronald Williams**  
**Williams Drilling Co., Inc.**  
P. O. Box 327  
Belvidere, NE 68315  
402-768-8136 Cell

WATER RESOURCES  
RECEIVED

JAN 20 2015

SCANNED  
KIPROX 102003000

SCANNED

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>11-13-2014</u>			
Total depth of well	<u>140'</u>			
Depth to water bearing formation	<u>92'</u>			
Depth to static water level	<u>92</u>			
Depth to bottom of pump intake pipe	<u>140'</u>			

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

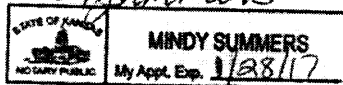
James M Behrendt Trustee  
(owner, tenant/agent or otherwise)

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

James M. Behrendt Trust 277 Stoneykirk Drive, Bella Vista AR  
(name, address and telephone number) 72715  
% James Behrendt - Trustee  
(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 Minneapolis, Kansas, this 10<sup>th</sup> day of January, 2014.  
(month) (year)

Mindy Summers  


\_\_\_\_\_  
(Applicant Signature)

By James M Behrendt Trustee  
(Agent or Officer Signature)

JAMES M BEHRENDT TRUSTEE  
(Agent or Officer - Please Print)

Assisted by \_\_\_\_\_ Date: \_\_\_\_\_  
(office/title)

WATER RESOURCES  
RECEIVED  
JAN 20 2015  
SCANNED  
KS DEPT OF AGRICULTURE

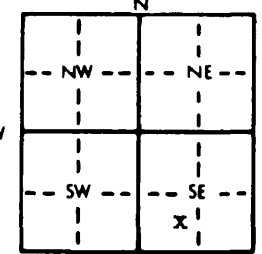
Nearby Well #2  
D-2

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: OTTAWA Fraction SE 1/4 SW 1/4 SE 1/4 Section Number 29 Township Number T 10 S Range Number R 3W EW

Distance and direction from nearest town or city street address of well if located within city?  
1/4 MILE WEST OF INTERSECTION HWY 81 & MULLBERRY RD. NORTH SIDE OTTAWA COUNTY PERMIT #01-206

2 WATER WELL OWNER: BOB BENRENDT  
RR#, St. Address, Box #: P.O. BOX 95 Board of Agriculture, Division of Water Resources  
City, State, ZIP Code: MINNEAPOLIS, KS. 67467 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  


4 DEPTH OF COMPLETED WELL: 105 ft. ELEVATION:  
Depth(s) Groundwater Encountered: 58 ft. 2. .... ft. 3. .... ft.  
WELL'S STATIC WATER LEVEL: 58 ft. below land surface measured on mo/day/yr 5-14-01  
Pump test data: Well water was 70 ft. after 1 1/2 hours pumping 18 gpm  
Est. Yield 50 gpm: Well water was .... ft. after .... hours pumping .... gpm  
Bore Hole Diameter: 9 in. to 105 ft., and .... in. to .... ft.  
WELL WATER TO BE USED AS:  
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well  
Was a chemical/bacteriological sample submitted to Department? Yes .... No X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:  
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued .... Clamped ....  
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded ....  
7 Fiberglass Threaded ....  
Blank casing diameter: 5 in. to 95 ft., Dia. .... in. to .... ft., Dia. .... in. to .... ft.  
Casing height above land surface: 14 in., weight 160 lbs./ft. Wall thickness or gauge No. SDR 26  
TYPE OF SCREEN OR PERFORATION MATERIAL:  
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) ....  
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
SCREEN OR PERFORATION OPENINGS ARE:  
1 Continuous slot 3 Mill slot .025 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes  
7 Torch cut 10 Other (specify) ....  
SCREEN-PERFORATED INTERVALS: From 95 ft. to 105 ft., From .... ft. to .... ft.  
GRAVEL PACK INTERVALS: From 75 ft. to 105 ft., From .... ft. to .... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ....  
Grout Intervals: From 0 ft. to 23 ft., From 72 ft. to 75 ft., From .... ft. to .... ft.  
What is the nearest source of possible contamination:  
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
13 Insecticide storage  
Direction from well? SOUTHWEST How many feet? 150

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	TOP SOIL			
2	15	CLAY TAN SILTY			
15	56	CLAY GRAY TO RED			
56	105	SANDSTONE GRAY FINE GRAIN			
		<u>Unconfined</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5-14-01 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 388 This Water Well Record was completed on (mo/day/yr) 5-14-01 under the business name of PESTINGER PUMP SERVICE by (signature) Paul Pestinger

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY  
T  
R  
EW  
SEC

Nearby Well #3  
D-3

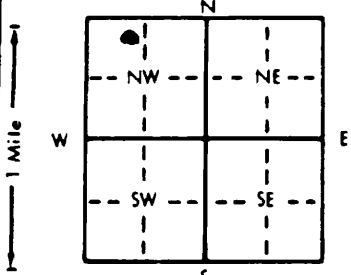
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction NE 1/4 NW 1/4 NW 1/4 Section Number 21 Township Number T 10 S Range Number R 3 E/W  
 County: Ottawa

Distance and direction from nearest town or city street address of well if located within city?

4 miles North & 2 miles East of Minneapolis, KS

2 WATER WELL OWNER: Illinois Valley Paving Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: P.O. Box 246  
 City, State, ZIP Code: Minneapolis, KS 67467 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 107 ft. ELEVATION: \_\_\_\_\_ ft.  
 Depth(s) Groundwater Encountered: \_\_\_\_\_ ft. 1 \_\_\_\_\_ ft. 2 \_\_\_\_\_ ft. 3 \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 48 ft. below land surface measured on mo/day/yr 7-11-96  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield: 1.00 gpm; Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 15 in. to 107 ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Water for Temp. Batch Plant  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No X If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes \_\_\_\_\_ No X

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped \_\_\_\_\_  
X PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
 7 Fiberglass Threaded \_\_\_\_\_  
 Blank casing diameter: 8 in. to 67 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 12 in., weight 5.72 lbs./ft. Wall thickness or gauge No. 332  
 TYPE OF SCREEN OR PERFORATION MATERIAL: X PVC 10 Asbestos-cement  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) \_\_\_\_\_  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) \_\_\_\_\_  
 SCREEN-PERFORATED INTERVALS: From 67 ft. to 107 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 107 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout X Bentonite 4 Other \_\_\_\_\_  
 Grout Intervals: From 0 ft. to 20 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination: None within 1/2 mile  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
 13 Insecticide storage

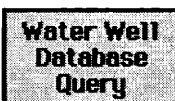
Direction from well?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top Soil			
3	10	Brown Clay			
10	25	Fine Sand			
25	32	Gray Clay			
32	103	Soft Brown Sandstone <u>Uncolored</u>			
103	107	Gray Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7-11-96 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/yr) 8/6/98 under the business name of Peterson Irrigation, Inc. by (signature) Mike Peterson

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.





## Specific Water Well Detail

**Well T10S, R3W, Sec. 21, NE NW NW, Action: Constructed**

Location Info	
<b>Owner:</b> Illinois Valley Paving	<b>Status:</b> Constructed
<b>Location:</b> T10S, R3W, Sec. 21, NE NW NW	<b>County:</b> Ottawa
<b>Directions:</b> From Minneapolis, 4 mi N and 2 mi E	
<b>Longitude:</b> -97.6644661	<b>Latitude:</b> 39.1748943
Datum NAD 27	
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
<a href="#">View well on interactive map</a> This link will create a new window and display an interactive map of this well and its neighbors.	
General Info	
<b>Well Depth:</b> 107 ft.	<b>Elevation:</b> ft.
<b>Static Water Level:</b> 48 ft.	<b>Est. Yield:</b> 100 gpm.
<b>Comp. Date:</b> 11-Jul-1996	<b>Well Use:</b> Road Construction
<b>DWR Applic. #:</b>	<b>Other ID:</b>
Driller Info	
<b>Driller:</b> Peterson Irrigation, Inc.	<b>License #:</b> 138
Scanned Form	
View scan of this form in PDF format.	
You will need the <a href="#">Acrobat PDF Reader</a> , available free from Adobe, to read this file.	
<b>Chemical Sample Submitted?:</b> No	
Casing Info	
<b>Casing Type:</b> PVC	
<b>Diam:</b> 8 in. to 67 ft.	
<b>Diam:</b> 0 in. to 0 ft.	
<b>Diam:</b> 0 in. to 0 ft.	
Grout Info	
<b>Grout used:</b> BENTONITE	
<b>From:</b> 0 to 20 ft.	
<b>From:</b> 0 to 0 ft.	
<b>From:</b> 0 to 0 ft.	
Source of Possible Contamination	
<b>Source:</b> none	

	<b>Direction from well:</b>	<b>Distance: 0</b>
<b>Screen and Perforation Info</b>		
	<b>Screen Type:</b> TORCH CUT	<b>Screen Openings:</b> MILL SLOT
	<b>From:</b> 67 ft. to 107 ft.	<b>From:</b> 0 ft. to 0 ft.
	<b>From:</b> 0 ft. to 0 ft.	<b>From:</b> 0 ft. to 0 ft.
<b>Lithologic Log</b> (log data not edited or checked by the KGS.)		
	<b>From:</b> 0 ft. to 10 ft.	<b>Type:</b> CLAY
	<b>From:</b> 10 ft. to 25 ft.	<b>Type:</b> FINE SAND
	<b>From:</b> 25 ft. to 32 ft.	<b>Type:</b> CLAY
	<b>From:</b> 32 ft. to 103 ft.	<b>Type:</b> SANDSTONE
	<b>From:</b> 103 ft. to 107 ft.	<b>Type:</b> SHALE

Kansas Geological Survey

Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.

Nearby Well #5  
D-5

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources, App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <u>OTTAWA</u>	Fraction <u>SW 1/4 SW 1/4 SE 1/4</u>	Section Number <u>32</u>	Township Number T <u>10 S</u>	Range Number R <u>3 W</u> E/W
---	---	-----------------------------	----------------------------------	----------------------------------

Distance and direction from nearest town or city street address of well if located within city? NORTH EAST CORNER OF INTERSECTION 135<sup>th</sup> RD & LIMESTONE RD MINNEAPOLIS

**Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: \_\_\_\_\_  
 Longitude: \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 Datum: \_\_\_\_\_  
 Data Collection Method: \_\_\_\_\_

**2 WATER WELL OWNER:** HILL TOP TRAP PARK  
 RR#, St. Address, Box # : 2015 ROACH  
 City, State, ZIP Code : SALINA, KS 67401

**3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:**

N		E	
-- NW --	-- NE --		
-- SW --	-- SE --		
S			

X

**4 DEPTH OF COMPLETED WELL** ..... 109 ..... ft.

Depth(s) Groundwater Encountered (1) 6.4 ft. (2) ..... ft. (3) ..... ft.  
 WELL'S STATIC WATER LEVEL ..... 5.8 ft. below land surface measured on mo/day/yr 06-23-07  
 Pump test data: Well water was ..... 6.4 ft. after ..... 1 ..... hours pumping ..... 20 gpm  
 Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes ..... No  .....; If yes, mo/day/yr Sample was submitted .....  
 Water well disinfected? Yes  ..... No .....

**5 TYPE OF CASING USED:**

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped .....
<u>2 PVC</u>	4 ABS	7 Fiberglass		Welded .....
				Threaded .....

Blank casing diameter ..... 5 in. to 8.75 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface ..... 12 in., Weight ..... 160 lbs./ft. Wall thickness or gauge No. SPE 26

**TYPE OF SCREEN OR PERFORATION MATERIAL:**

1 Steel	3 Stainless Steel	5 Fiberglass	<u>7 PVC</u>	9 ABS	11 Other (Specify) .....
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RM (SR)	10 Asbestos-Cement	12 None used (open hole)

**SCREEN OR PERFORATION OPENINGS ARE:**

1 Continuous slot	<u>3 Mill slot</u>	<u>0.25</u> Guazed wrapped	7 Torch cut	9 Drilled holes	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	8 Saw Cut	10 Other (specify) .....	

**SCREEN-PERFORATED INTERVALS:** From ..... 8.9 ..... ft. to ..... 109 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From ..... 27 ..... ft. to ..... 109 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:** 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....

Grout Intervals: From ..... 7 ..... ft. to ..... 27 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:

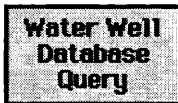
1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	13 Insecticide Storage	16 Other (specify below)
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	14 Abandoned water well	
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer Storage	15 Oil well/gas well	

Direction from well? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>3</u>	<u>FILL DIRT AND TOP SOIL</u>			
<u>3</u>	<u>11</u>	<u>CLAY BROWN TO LIGHT GRAY</u>			
<u>11</u>	<u>108</u>	<u>SAND STONE TAN AND BROWN</u>			<u>Unconfined</u>
<u>108</u>	<u>109</u>	<u>SHALE GRAY</u>			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 06-23-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 388 This Water Well Record was completed on (mo/day/year) 06-23-07 under the business name of PESTINGER PUMP SIE by (signature) Paul Pestinger

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.



Specific Water Well Detail

## Well T10S, R3W, Sec. 32, SW SW SE, Action: Constructed

<b>Location Info</b>		
<b>Owner:</b> Hilltop Trap Park	<b>Status:</b> Constructed	
<b>Location:</b> T10S, R3W, Sec. 32, SW SW SE	<b>County:</b> Ottawa	
<b>Directions:</b> 135th Rd and Limestone Rd, Minneapolis, NE corner		
<b>Longitude:</b> -97.6768812	<b>Latitude:</b> 39.1330261	Datum NAD 27
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.		
<b>View well on interactive map</b> This link will create a new window and display an interactive map of this well and its neighbors.		
<b>General Info</b>		
<b>Well Depth:</b> 109 ft.	<b>Elevation:</b> ft.	
<b>Static Water Level:</b> 58 ft.	<b>Est. Yield:</b> gpm.	
<b>Comp. Date:</b> 23-Jun-2007	<b>Well Use:</b> Domestic	
<b>DWR Applic. #:</b>	<b>Other ID:</b>	
<b>Driller Info</b>		
<b>Driller:</b> Pestinger Pump & Water Well Drlg., Inc.	<b>License #:</b> 388	
<b>Scanned Form</b>		
View scan of this form in PDF format.		
You will need the Acrobat PDF Reader, available free from Adobe, to read this file.		

Kansas Geological Survey  
 Comments to webadmin@kgs.ku.edu  
 URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html  
 Display Programs Updated July 2, 2014  
 Data added continuously.



Safe Yield Report Sheet

Proposed Water Right Application

Point of Diversion in NWSWSENW 29-10S-03W



### **Analysis Results**

-----

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 1,342.01 AF.

Total prior appropriation in the circle is 934.00 AF.

Total quantity of water available for appropriation is 408.01 AF.

### **Safe Yield Variables**

-----

The area used for the analysis is set at 8,042 acres.

Potential annual recharge of the area is estimated to be 2.67 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 11-OCT-2016 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 10 water right(s) and 17 point(s) of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A 11675 00	IRR	NK	G		CN	SE	SE	1200	500	30	10	03W	3	WR	30.00	30.00	87.00	57.00
A 13571 00	IRR	NK	G					3890	50	06	11	03W	3	WR	27.00	27.00	30.00	30.00
A 14304 00	IRR	NK	G		SE	SE	NW	0	0	30	10	03W	4	WR	44.00	0.00	97.00	23.00
A 36458 00	STK	NK	G		NE	NE	NW	5268	2769	33	10	03W	6	WR	88.00	88.00		
Same	STK	NK	G		NE	NE	NW	5252	2723	33	10	03W	9	WR				
Same	STK	NK	G		NE	NE	NW	5235	2676	33	10	03W	10	WR				
A 46102 00	STK	LR	G		NE	NE	NW	5268	2769	33	10	03W	6	WR	88.00	88.00		
Same	STK	LR	G		NE	NE	NW	5252	2723	33	10	03W	9	WR				
Same	STK	LR	G		NE	NE	NW	5235	2676	33	10	03W	10	WR				
A 48175 00	IRR	LO	G					515	4115	18	10	03W	1	WR	160.00	160.00	307.13	307.13
A 48504 00	IRR	LO	G					515	4115	18	10	03W	1	WR	147.00	147.00	307.13	0.00
A 49142 00	IRR	GY	G		SW	NE	SE	1325	1250	21	10	03W	1	WR	143.00	143.00	110.00	110.00
Same	IRR	GY	G		SW	NE	SE	1325	1250	21	10	03W	2	WR				
Same	IRR	GY	G		SW	NE	SE	1525	1250	21	10	03W	3	WR				
Same	IRR	GY	G		NW	SE	SE	1125	1250	21	10	03W	4	WR				
A 49246 00	IRR	GY	G		SE	SW	NE	2650	1330	18	10	03W	2	WR	91.00	91.00	307.13	0.00
A 49266 00	IRR	GY	G		SW	NE	SE	1493	1254	29	10	03W	7	WR	160.00	160.00	124.00	124.00
Same	IRR	GY	G		SE	NW	SE	1693	1464	29	10	03W	8	WR				
Same	IRR	GY	G		SW	NE	SE	1693	1044	29	10	03W	9	WR				
Same	IRR	GY	G		NE	SW	SE	1293	1464	29	10	03W	10	WR				
Same	IRR	GY	G		NW	SE	SE	1293	1044	29	10	03W	11	WR				



### 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

WATER RESOURCES  
RECEIVED

JUL 13 2016

KS DEPT OF AGRICULTURE

WATER RESOURCES  
RECEIVED  
UNACCEPTABLE FOR PRIORITY  
APR 07 2016

SCANNED

KS DEPT OF AGRICULTURE

## McColloch, Austin

---

**From:** Stewart, Kelly  
**Sent:** Monday, October 31, 2016 3:37 PM  
**To:** McColloch, Austin  
**Cc:** Billinger, Mark; Hageman, Rebecca  
**Subject:** RE: File No. 49,672 Recommendation

Austin,

I have no objection to the approval of this application.

Kelly

---

**From:** McColloch, Austin  
**Sent:** Monday, October 31, 2016 8:50 AM  
**To:** Stewart, Kelly <Kelly.Stewart@ks.gov>  
**Cc:** Billinger, Mark <Mark.Billinger@ks.gov>  
**Subject:** File No. 49,672 Recommendation

Good morning,

Attached is my memo for recommendation for Tyler Crosson, File No. 49,672, proposing a battery of four wells in Ottawa County. In an email with Doug Schemm, he agreed with calling the source of water unconfined Dakota aquifer based on the submitted well log and other wells in the surrounding area.

Thanks,

Austin McColloch  
Environmental Scientist  
Ph: (785) 564-6643

## McColloch, Austin

---

**From:** Schemm, Doug  
**Sent:** Monday, October 31, 2016 7:19 AM  
**To:** McColloch, Austin  
**Subject:** RE: File No. 49,672 - Unconfined Dekota

Good Morning Austin,  
Great job on this. I agree with the unconfined determination and that you have sufficient data to support it.  
Thanks,  
Doug

---

**From:** McColloch, Austin  
**Sent:** Friday, October 28, 2016 11:06 AM  
**To:** Schemm, Doug  
**Subject:** File No. 49,672 - Unconfined Dekota

Afternoon,

Attached is my investigation into determining if this is confined or unconfined Dakota. From well logs around the proposed PD I am confident in calling this unconfined Dakota. Is there more information I should get or does this seem sufficient.

Thanks,

Austin McColloch  
Environmental Scientist  
Ph: (785) 564-6643

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

October 11, 2016

DARRIN L & KANDANCE I BUCHWALD  
1311 N 135<sup>TH</sup> RD  
MINNEAPOLIS KS 67467-8504

**FILE COPY**

Re: Application  
File No. 49,672

Dear Mr. & Mrs. Buchwald:

This is to advise you that Tyler Crosson has filed the application referred to above for permit to appropriate 136 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute from a well or wells located as follows:

one (1) well located in the SW Quarter of the SE Quarter of the NW Quarter (SW $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ) of Section 29, more particularly described as being near a point 3,000 feet North and 3,730 feet West of the Southeast corner of said section, in Township 10 South, Range 3 West, Ottawa County, Kansas.

A copy of an aerial photograph depicting the location of the proposed point of diversion is also enclosed. Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of this application in order that you may be fully informed of the proposed location(s) of the applicant's point(s) 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.

If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Austin J. McColloch".

Austin J. McColloch  
Environmental Scientist  
Water Appropriation Program

AM:am  
Enclosure(s)  
pc: Stockton Field Office

**SCANNED**

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

October 11, 2016

**FILE COPY**

KENT CROSSON  
1554 US HWY 81  
MINNEAPOLIS KS 67467

Re: Application  
File No. 49,672

Dear Mr. Crosson:

This is to advise you that Tyler Crosson has filed the application referred to above for permit to appropriate 136 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute from a well or wells located as follows:

one (1) well located in the SW Quarter of the SE Quarter of the NW Quarter (SW $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ) of Section 29, more particularly described as being near a point 3,000 feet North and 3,730 feet West of the Southeast corner of said section, in Township 10 South, Range 3 West, Ottawa County, Kansas.

A copy of an aerial photograph depicting the location of the proposed point of diversion is also enclosed. Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of this application in order that you may be fully informed of the proposed location(s) of the applicant's point(s) 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.

If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Austin J. McColloch".

Austin J. McColloch  
Environmental Scientist  
Water Appropriation Program

AM:am  
Enclosure(s)  
pc: Stockton Field Office

**SCANNED**

## McColloch, Austin

---

**From:** Billinger, Mark  
**Sent:** Monday, October 10, 2016 3:32 PM  
**To:** McColloch, Austin  
**Subject:** RE: New Application File No. 49,672

**FILE COPY**

Austin,

OK just spoke with Tyler. He is ok with having this location be his south battery well. He said he would propose the geocenter to be 200 feet north of that spot.. He doesn't want to drill any wells on the south side of the waterway anyway cause he doesn't want to trench electrical through it. So sounds like that would be a winner.

Mark

---

**From:** McColloch, Austin  
**Sent:** Monday, October 10, 2016 3:18 PM  
**To:** Billinger, Mark  
**Subject:** RE: New Application File No. 49,672

I think that geo-center location is where Tyler did the test hole, so it would be worth a shot to see if he could go north some and have that location the farthest south well. Yeah, that would be great if you could give him a call and see what you can find out about what he is wanting to do. Just let me know any adjustments I should make.

Austin

---

**From:** Billinger, Mark  
**Sent:** Monday, October 10, 2016 2:37 PM  
**To:** McColloch, Austin <[Austin.McColloch@ks.gov](mailto:Austin.McColloch@ks.gov)>  
**Subject:** RE: New Application File No. 49,672

Austin,

Yikes he is crowding in there tight.

11675 looks like would have to go to a status review and possibly abandonment hearing before we could do anything with it. Last note we have in the file is that the status of the ownership changed like 4 years ago, and no attempt so far to get the water right operating.. but still on the books for now so we better keep spacing met I suppose, unless Tyler can talk them into signing a voluntary closure on this.

Also it makes me bit nervous about 49266 hasn't noticed and proofed yet. They may end up drilling off of proposed location some, and if they wander northwest then will reduce spacing there even more with Tyler's. Also that is close to a farmstead as well and may be pushing spacing to the domestic.

I wonder if Tyler would consider just having like the south battery well at this location then the rest of the battery to the north so his geocenter would nudge north and make spacing. I could call him if you like.

Mark

**From:** McColloch, Austin  
**Sent:** Monday, October 10, 2016 1:56 PM  
**To:** Billinger, Mark  
**Subject:** New Application File No. 49,672

**FILE COPY**

Mark,

I am working a new application in Ottawa, File No. 49,672 for Tyler Crosson. He is wanting to put in a battery of wells with a geo-center at 2,800' N and 3,730' W in Section 29, Township 10S, Range 3W. This would be an unconfined Dakota aquifer project with well spacing requirements of 2,640'. File No. 11,675 is 2,581' from the proposed PD, however looking through the history of 11,675 there seems to be abandonment issues/ nonuse or meter problems. What is the current standing for File No. 11,675 and should I still consider it an active PD to include in well spacing criteria for this new application? Let me know what you think.

Thanks,

Austin McColloch  
Environmental Scientist  
(785) 564-6643



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

July 27, 2016

TYLER CROSSON  
1537 NUGGET RD  
MINNEAPOLIS KS 67467

**FILE COPY**

Re: Pending Application,  
File No. 49,672

Dear Mr. Crosson:

After a preliminary review of your above referenced application for permit to appropriate water received in this office on July 13, 2016, it is being returned to you for additional information. In your original application, you requested a 60-day period of time in which to determine the precise location for your point of diversion within a specified quarter section tract of land described as the Northwest Quarter (NW $\frac{1}{4}$ ) of Section 29, in Township 10 South, Range 3 West, Ottawa County, Kansas.

Once you've determined the precise location for your point of diversion, complete the rest of Paragraph No. 5 of your application by providing the description for the 10-acre tract location of the point of diversion as well as the feet distances North and West of the Southeast corner of the Section. The location of the point of diversion must also be plotted on the topographical map included. In the case of a battery of wells, please provide the description of the location of the proposed geographic center of the well battery, as well as **the location for each of the individual wells comprising the battery of wells**.

The locations of all other water wells of every kind within one-half mile ( $\frac{1}{2}$ ) of the point of diversion must be plotted on the topographical map as well. Each well should be identified as to its use (e.g. domestic, irrigation, industrial, etc.) and must **include the name and mailing address of the well owner**. A signed statement should be included on the map declaring that all wells within one-half mile ( $\frac{1}{2}$ ) of the point of diversion have been plotted, or it should declare that none exist. Your application currently includes this information; please verify the information is correct once you have established your point of diversion.

Paragraph No. 13 of the application requests well information so the source of supply of the proposed well may be determined. Pursuant to K.A.R. 5-3-4d, this office requires a stratigraphic log of a well or test hole within 300 feet of the proposed point of diversion. Please supply the indicated information and a test hole log or a driller's log with the returned application.

In order to retain its priority of filing, the original application and attachments must be returned to this office with the requested information on or before **September 13, 2016**, or within any authorized extension of time thereof. According to law, default in refileing of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

(over)

**SCANNED**



Tyler Crosson  
July 27, 2016  
Page 2 of 2

If you have any questions, please contact me at (785) 564-6631 or by email at alex.whitesell@ks.gov. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Whitesell". The signature is fluid and cursive, with a large initial "A" and "W".

Alex Whitesell  
Environmental Scientist  
Water Appropriation Program

enclosures

pc: Stockton Field Office

1320 Research Park Drive  
Manhattan, Kansas 66502  
Jackie McClaskey, Secretary



Phone: (785) 564-6700  
Fax: (785) 564-6777  
Email: ksag@kda.ks.gov  
www.agriculture.ks.gov  
Sam Brownback, Governor

July 18, 2016

TYLER CROSSON  
1537 NUGGET RD  
MINNEAPOLIS KS 67467

RE: Application  
File No. 49672

Dear Sir or Madam:

Your application for permit to appropriate water in 2910S-3W in Ottawa 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) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Brent A. Turney".

Brent A Turney, P.G.  
Change Application Unit Supervisor  
Water Appropriation Program

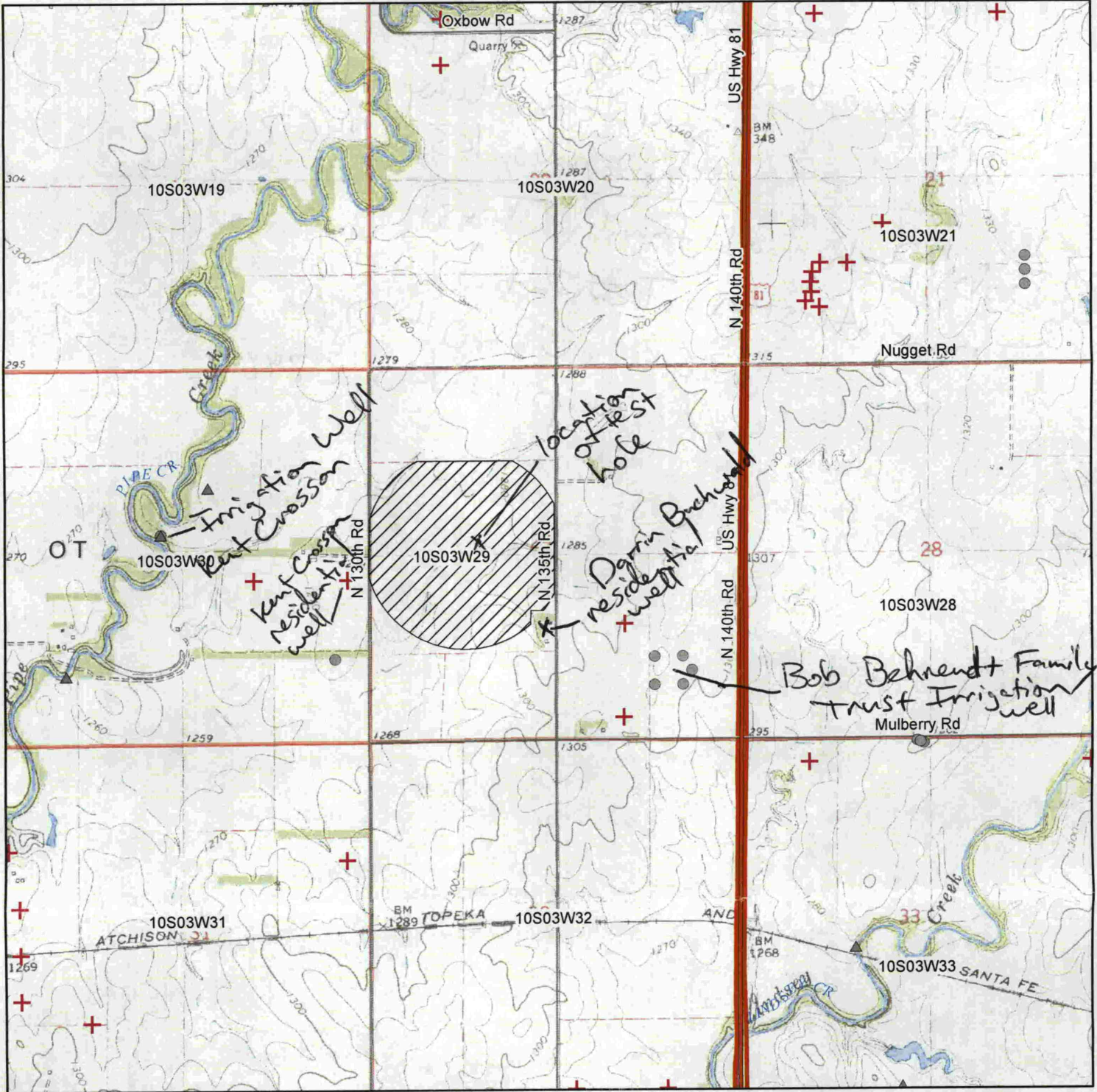
BAT: ALH  
pc: STOCKTON Field Office  
GMD

SCANNED

49672

Addresses see reverse

# Groundwater Application - Tyler Crosson



Proposed Place of Use

▲ Surface Water Point of Diversion

● Groundwater Point of Diversion

+ WWC-5 Records

*Tyler Crosson*

All wells within 1/2 mile of proposed well location are identified on the map.

WATER RESOURCES RECEIVED

SCANNED

JUL 13 2016

1:24,000

WATER RESOURCES RECEIVED

UNACCEPTABLE FOR PRIORITY



Darrin Buchwald Residential  
1331 N 135th Rd  
Minneapolis, KS 67467

---

Kent Crosson Residential & Irr.  
1554 US Hwy 81  
Minneapolis, KS 67467

---

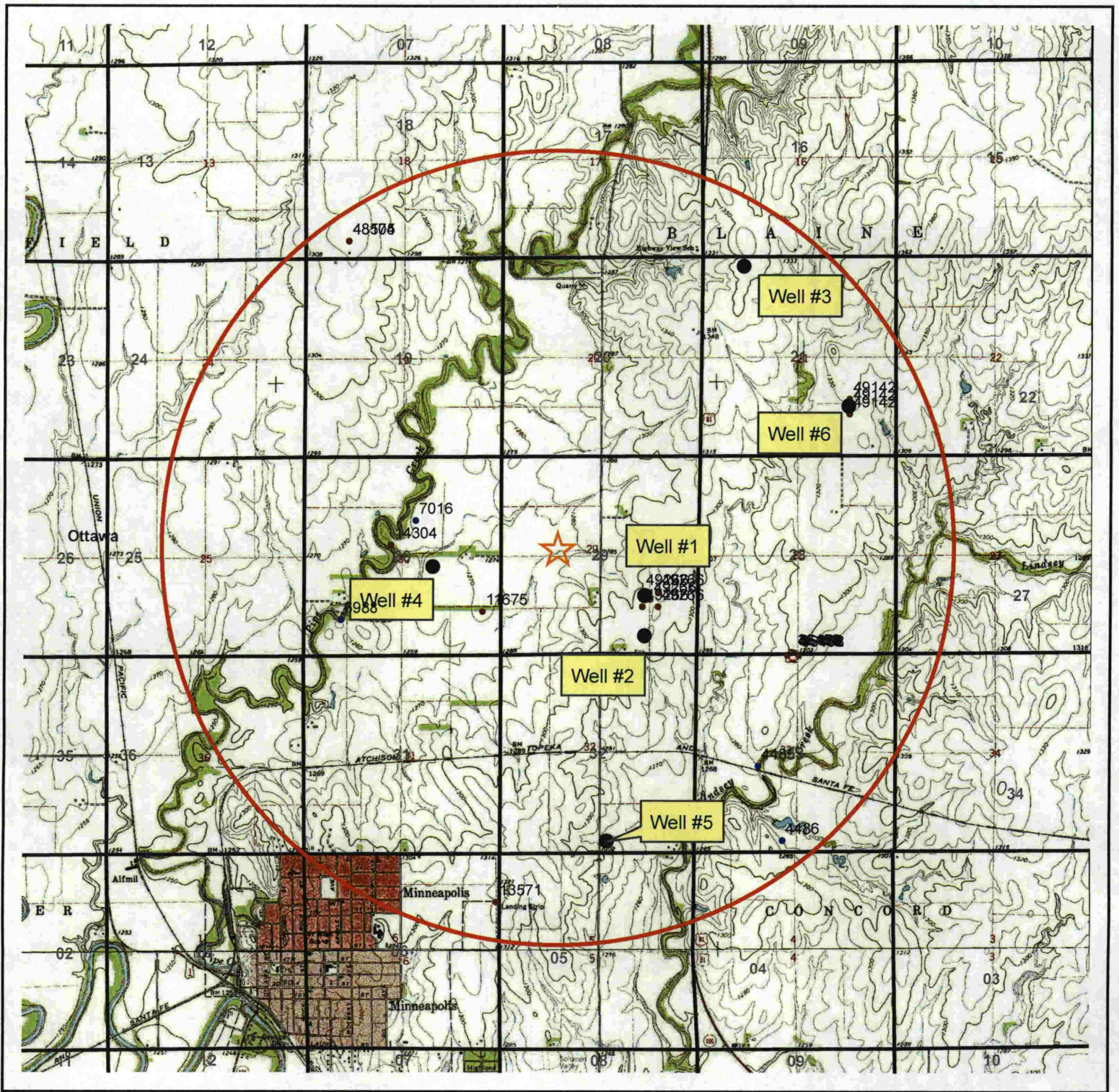
Bob Behrendt Family Trust  
Tom Austin Tenant  
1366 N 90th Rd  
Minneapolis, KS 67467

KS DEPT OF AGRICULTURE  
WATER RESOURCES  
RECEIVED

WATER RESOURCES  
RECEIVED

KS DEPT OF AGRICULTURE  
OCT 18 2018

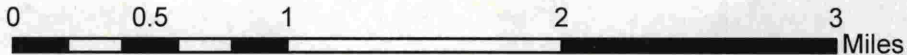
SCANNED



1:44,366

**Legend**

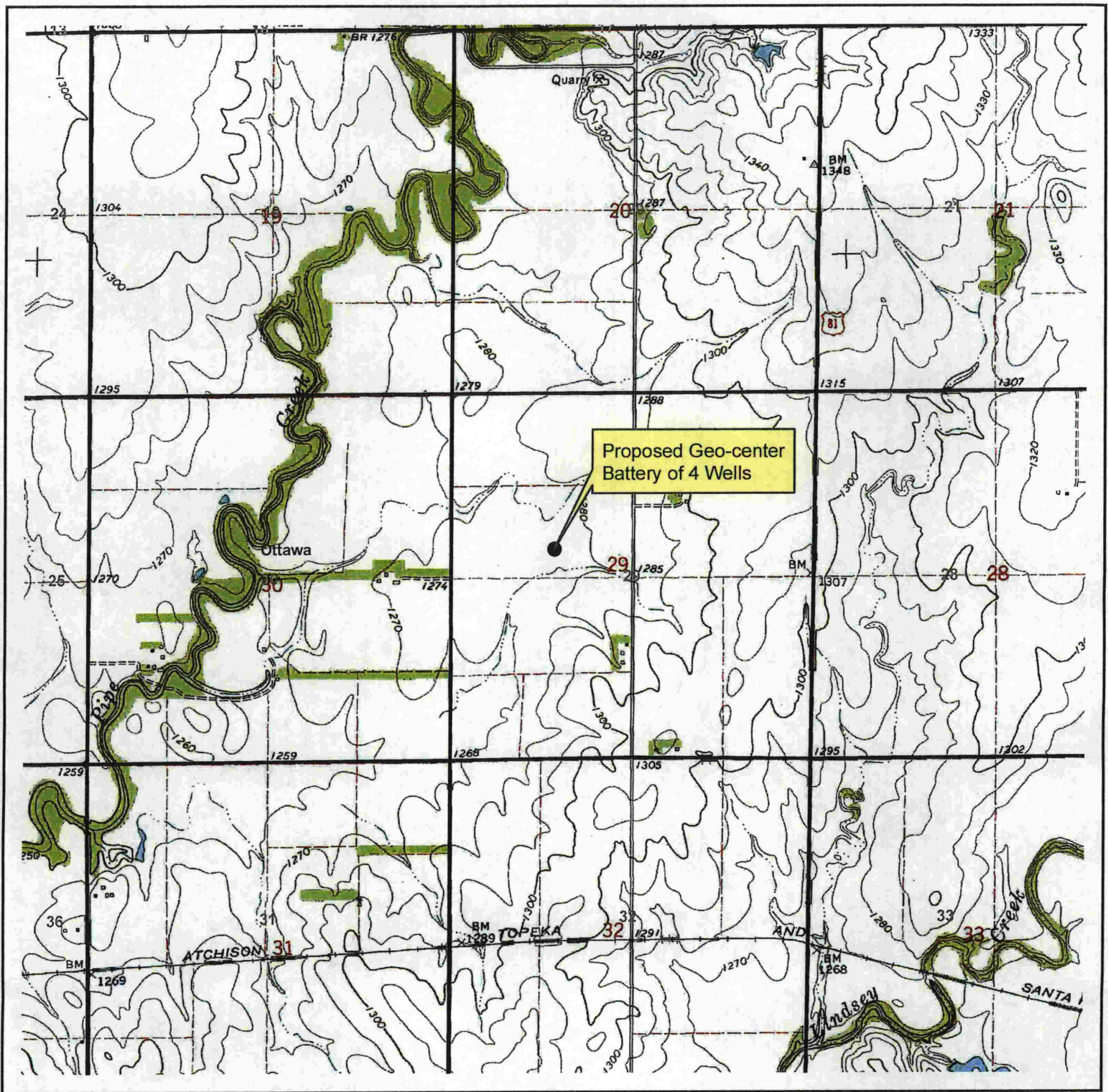
- Nearby Wells



# New Application, File No. 49,672

Proposed Point of Diversion  
 Section 29 - Township 10 South - Range 3 West  
 Ottawa County, Kansas

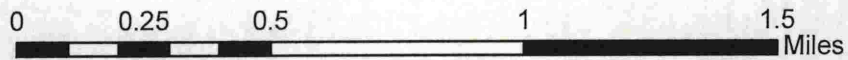
AM/DWR  
 Date: 10/10/2016



1:24,000

**Legend**

- Point of Diversion



# New Application, File No. 49,672

Proposed Point of Diversion - Geo-center  
 Section 29 - Township 10 South - Range 3 West  
 Ottawa County, Kansas

**SCANNED**

AM/DWR  
 Date: 10/11/2016