

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

1. File Number: 49502	2. Status Change Date: 5/2/2017	3. Field Office: 02	4. GMD:
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
<p>7a. Applicant(s) New to system <input type="checkbox"/></p> <p style="text-align: right;">Person ID 64833 Add Seq# _____</p> <p>SHELLY S HOOBLER 1345 E 130TH AVE N MULVANE KS 67110</p>	<p>7c. Landowner(s) New to system <input type="checkbox"/></p> <p style="text-align: right;">Person ID _____ Add Seq# _____</p>		
<p>7b. Landowner(s) New to system <input type="checkbox"/></p> <p style="text-align: right;">Person ID 36109 Add Seq# _____</p> <p>TWYLA L HOOBLER WAGNER TRUST 1345 E 130TH AVE N MULVANE KS 67110-8333</p>	<p>7d. Misc. New to system <input type="checkbox"/></p> <p style="text-align: right;">Person ID _____ Add Seq# _____</p>		
<p>8. WUR Correspondent New to system <input type="checkbox"/> Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No 7a.</p> <p style="text-align: right;">Person ID _____ Add Seq# _____ Notarized WUC Form <input type="checkbox"/></p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 100px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>		
10. Completion Date: 12/31/2018		11. Perfection Date: 12/31/2022	
12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date to Comply: 12/31/2018 Date WLMD Installed: _____			
<p>Date Prepared: 4/10/17 By: MJM Date Entered: 5/3/2017 By: WM</p>			

File No. **49,502** 15. Formation Code: **100** Drainage Basin: **Arkansas River** County: **SU** Special Use: Stream:

16. Points of Diversion										
T	MOD	DEL	PDIV	Qualifier	S	T	R	ID	N	W
	MOD 84806			SESENW	10	30S	1E	3	2711	2695 Geo-Ctr
	ENT 86094			NENESW	10	30S	1E		2424	2697 Batt 1 of 4
	ENT 86095			SWSWNE	10	30S	1E		2715	2408 Batt 2 of 4
	ENT 86096			SESENW	10	30S	1E		3005	2695 Batt 3 of 4
	ENT 86097			SESENW	10	30S	1E		2710	2985 Batt 4 of 4
Battery IO # 2025										

17. Rate and Quantity				
Authorized		Additional		
Rate gpm/cfs	Quantity af/mgy	Rate gpm/cfs	Quantity af/mgy	Overlap PD Files
800	156	800	156	None

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 **12/31/2018** Date Acceptable Meter Installed _____

21. Place of Use										NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
T	MOD	DEL	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						
√	67510			10	30S	1E	3	40		40	40														120	7b.			

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

MEMORANDUM

TO: Files

DATE: April 10, 2017

FROM: Matt Meier

RE: Application, File No. 49,502

Shelly S. Hoobler has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 156 acre-feet, and a diversion rate of 800 gallons per minute. The Geo-Center is to be located in the Southeast Quarter of the Southeast Quarter of the Northwest Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 10, more particularly described as being near a point 2,711 feet North and 2,695 feet West of the Southeast corner of said section, in Township 30 South, Range 1 East, Sumner County, within the Arkansas River drainage basin. There are no other water rights overlapping the proposed place of use or point of diversion. The proposed place of use is owned by Twyal Hoobler Wagner. The applicant has signed the application form stating that she has legal access to the point of diversion.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, DWR suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state, and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,714.18 acre-feet. Existing water rights have appropriated 2,499.31 acre-feet, providing a difference of 214.87 acre-feet available for appropriation, and the application requesting 156 acre-feet complies with safe yield.

A test hole log was submitted with the pending application, one which shows top soil from 0 to 1 feet, clay from 1 to 3 feet, fine to medium sand from 3 to 12 feet, fine to medium sand and gravel with clay from 12 to 17 feet, fine to medium sand from 17 to 24 feet, and blue/grey shale from 24 to 28 feet. The static water level was listed at between 5 and 8 feet which provides a saturated thickness of between 19 and 16 feet.

The requested quantity of water, 156 acre-feet, is to irrigate the proposed 120 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sumner County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run, the last of which was published on February 9, 2017. No contact of any kind was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 16544) is located 2,208 feet away. The nearest domestic well/house is approximately 1,850 feet away. The proposed point of diversion meets minimum well spacing to all existing wells. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells.

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. A water level measurement tube is required because this is a proposed new well exceeding 100 gpm.

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office.

Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the referenced application on April 10, 2017. Based on the above discussion, well spacing and safe yield criteria are met, and 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.

Matthew J. Meier
Environmental Scientist
Water Appropriations Unit



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

FILE COPY

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

May 3, 2017

RE: Application, File No. 49,502

Dear Shelly Hoobler:

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.

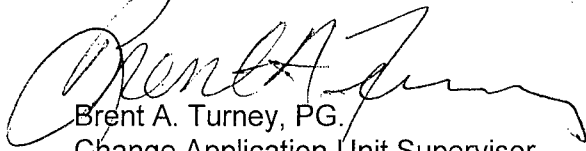
Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. A water meter is required and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed.

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 permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. 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, PG.
Change Application Unit Supervisor
Water Appropriation Program

Enclosures

pc: Stafford 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)

This is to certify that I have examined Application, **File No. 49,502** of the applicant

**SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110**

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 **November 12, 2015**.
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	
10 30S 1E	40		40	40													120

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, the Geo-Center of which is to located in the Southeast Quarter of the Southeast Quarter of the Northwest Quarter (SE¼ SE¼ NW¼) of Section 10, more particularly described as being near a point 2,711 feet North and 2,695 feet West of the Southeast corner of said section, in Township 30 South; Range 1 East, Sumner County, located substantially as shown on the 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 (1.783 c.f.s.)** and to a quantity not to exceed **156 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, 2018** 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, 2022** 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 an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with 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).

13. 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.

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

16. 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.

17. 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.

18. That this permit is further limited such that all wells shall be located within a three hundred (300) foot radius circle, in the same local source of supply, and shall supply water to a common distribution system.

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 2nd day of May, 2017, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

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

State of Kansas)
County of Riley) SS

The foregoing instrument was acknowledged before me this 2nd day of May, 2017, by Lane P. Letourneau, L.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

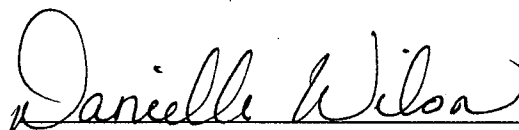
CERTIFICATE OF SERVICE

On this ^{3rd} day of *May*, 2017, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,502, dated *May 2nd, 2017* was mailed postage prepaid, first class, US mail to the following:

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

With photocopies to:

Stafford Field Office



Division of Water Resources



APPLICATION COMPLETE
3/28/16
Reviewer MJM

THE STATE OF KANSAS

WATER RESOURCES RECEIVED

NOV 12 2015

2:03

KS DEPT OF AGRICULTURE

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

WATER RESOURCES RECEIVED

NOV 09 2015

UNACCEPTABLE FOR PRIORITY
KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED

MAR 28 2016

KS DEPT OF AGRICULTURE

File Number 49,502
This item to be completed by the Division of Water Resources.

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

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

1. Name of Applicant (Please Print): Shelly S Humble
Address: 1345 E 130th Ave N
City: Mulvane State KS Zip Code 67110
Telephone Number: (316) 641-8256

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

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 156 CH ^{reduced to meet maximum reasonable quant. of 1.3 AF/acre for summer CO.} 3/24/16 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. 2 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G/S County SU By ASW Date 11/12/15
Code FE2 Fee \$ 300 TR# 11en16n73 Receipt Date 11/12/15 Check # 0820

SCANNED

11/17/2015 LCM

Geo-Center-SESE NW 2,711' N 42,695' West File No. 49,502
Section 10 T 30S R 1E

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.

PLEASE Allow 60 Days to LOCATE

(A) One in the N/4 NE quarter of the N/4 NE quarter of the S/4 SW quarter of Section 10, more particularly described as being near a point 2424 feet North and 2697 feet West of the Southeast corner of said section, in Township 30 South, Range 1 (East/West (circle one)), Sumner County, Kansas.

B1 of 4
B2 of 4

(B) One in the S/4 W quarter of the S/4 W quarter of the N/4 E quarter of Section 10, more particularly described as being near a point 2715 feet North and 2408 feet West of the Southeast corner of said section, in Township 30 South, Range 1 (East/West (circle one)), Sumner County, Kansas.

(C) One in the S/4 SE quarter of the S/4 SE quarter of the N/4 E NW quarter of Section 10, more particularly described as being near a point 3005 feet North and 2695 feet West of the Southeast corner of said section, in Township 30 South, Range 1 (East/West (circle one)), Sumner County, Kansas.

B3 of 4
B4 of 4

(D) One in the S/4 E quarter of the S/4 E quarter of the N/4 W quarter of Section 10, more particularly described as being near a point 2710 feet North and 2995 feet West of the Southeast corner of said section, in Township 30 South, Range 1 (East/West (circle one)), Sumner 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):

~~Shelly S Hoobler 1345 E 130th Ave N Mulvane KS 67110~~
(name, address and telephone number)
~~Twyla Hoobler Wagner 1345 E 130th Ave N Mulvane KS 67110~~
(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 Nov 6, 2015. Shelly S Hoobler
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 4 wells
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) ASAP
(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 ASAP 3/5/16
(Mo/Day/Year)

WATER RESOURCES RECEIVED

MAR 28 2016

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED

NOV 12 2015
SCANNED

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED
VOID
UNACCEPTABLE FOR PRIORITY
NOV 19 2015

KS DEPT OF AGRICULTURE

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here _____
- If no, explain here why a Water Structures permit is not required _____

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

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

PLEASE Allow 60 Days to locate wells

Will provide Information when Geo Center is located

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WATER RESOURCES RECEIVED PRIORITY

UNACCEPTABLE FOR PRIORITY
NOV 09 2015

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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	<u>538</u>	<u>Attached</u>		
Total depth of well				
Depth to water bearing formation				
Depth to static water level				
Depth to bottom of pump intake pipe				

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

Owner of Property is my grandmother
(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):

~~Shelly S Hoobler 1345 E 130th Ave N Mulvane KS 67110 316641-8256~~
(name, address and telephone number)

Twyla Wagner 1345 E 130th Ave N Mulvane KS 67110 316777-1616
(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 Mulvane, Kansas, this 6 day of November, 2015.
(month) (year)

Shelly S Hoobler
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by _____ Date: _____
(office/title)

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**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 49,502

Name of Applicant (Please Print): Shelly S Hoobler

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: Twyla Hoobler Wagner
ADDRESS: 1345 E 130th Ave N Mulvane KS 67110

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10	30	1E	40		40	40													120 Ac

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	

DWR 1-100.23 (7-7-00)

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Page 1 of 2

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

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

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

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

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

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

- Center pivot
- Center pivot - LEPA
- "Big gun" sprinkler
- Gravity system (furrows)
- Gravity system (borders)
- Sideroll sprinkler

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 35 psi

(2) What is the sprinkler package design rate? 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? 65' 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

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).

Irrigation will be used with best management practices. Use of irrigation probes and crop water use efficiency.

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

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IRRIGATION TEST WELL

OK

Driller & Assistant: Tom Hull / Tucker

Date: 2/19/16

CUSTOMER: Mark Lawless (Shelly) 1345 E. 130th Ave. N.

LOCATION: HOOPER Mulvane, KS 67110 316-641-8256

- Screen 2-1/2"
- Holeplug
- Gas & Oil - W.T.
- 6" or 5" Liner if needed
- Casing 2-1/2"
- Quarters
- 3/4" Polyethylene
- Solvent & Glue
- Couplings, 2-1/2"
- Water
- 2-1/2" PVC Tee
- Water Sample Bottle
- End Caps, 2-1/2"
- Lime
- 5" & 6" Bits
- Inspection Sheet
- Gravel Pack
- Drilling Mud
- Packing

#2

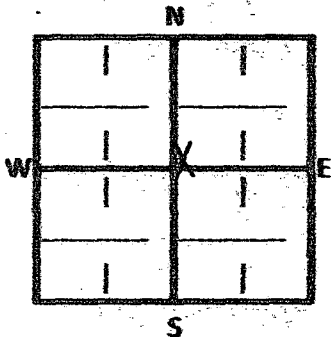
Depth:	Formation:	Well Information:
0-1	T.S.	Static Water Level: <u>Est. 5'-8'</u>
1-3	Clay	Est. production: <u>50-200 gpm</u>
3-12	Sand f-m	Casing depth: <u>not cased.</u>
12-17	Sand + G. f-m	Screen depth: <u>---</u>
17-24	Sand f-m	Slot size: <u>---</u>
24-28	Shale blue/grey	Grouting depth: <u>28'-0'</u>
		Number of bags: <u>1 bag bentonite</u>
		Nearest Contamination: <u>None within</u>
	<u>Battery would be approx</u>	<u>1/4 mile.</u>
	<u>300' East</u>	Maintenance & Safety:
		Notes:

Directions:

Latitude: 37.45785136 N decimal degrees (ex. 38.881796)
 Longitude: -97.3039904 W decimal degrees (ex. 95.373889)
 Datum: NAD27 NAD83 WGS84

1222

SW 1/4	SW 1/4	SW 1/4	NE 1/4
Sec. 10	T 30	R 1	E 1/4
County <u>SUMNER</u>			



#2

- \$800 x 28' /ft. Well
- \$5000 /Grout
- \$ N/A /Test Pumping
- \$ None /Water Sample
- \$ 10000 /Mobilization/Travel

Contract Received: _____

Invoice #: 1291

Date Mailed: 2/17/16

Well Data: _____ Access: _____

Materials: _____ Incent: _____

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TRCES
X

3-24-16

(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application File No. 49,502

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.

Curt Hoobler
Signature of Applicant

State of Kansas)
County of Stafford) ss

CURT HOOBLER
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 24th day of March, 2016.

Jessica Engelbrecht
Notary Public

My Commission Expires:



WATER RESOURCES
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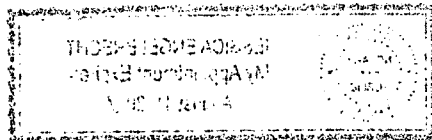
MAR 28 2016

**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



RECEIVED
WATER RESOURCES

Nov 6 2015
(Date)

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

Re: Application 49,502
File No. _____

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.

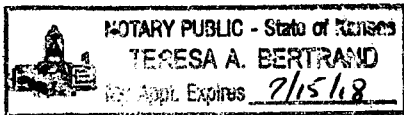
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Shelly S Hoobler
Signature of Applicant

Shelly S Hoobler
(Print Applicant's Name)

State of Kansas)
County of Sumner) ss

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 6th day of November, 2015.



Teresa A Bertrand
Notary Public

My Commission Expires: 7/15/18

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NOV 09 2015
KS DEPT OF AGRICULTURE

Water, Rights, and Points of Diversion Within 2.00 miles of point defined as:

2711 ft N and 2695 ft W of the SE Corner of Section 10, T 30S, R 1E

Located at: 97.303779 West Longitude and 37.457762 North Latitude

GROUNDWATER ONLY

49502

meets spacing

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit	
A__ 2699	00	IRR	NK	G	9680	--	--	--	3130	4650	1	30	1E	1		174.00	174.00	AF	
Same					9308	--	NE	NE	SE	2635	40	2	30	1E	5				
A__ 2765	00	IRR	NK	G	5299	--	NW	SW	NE	3922	2404	9	30	1E	4	26.00	26.00	AF	
A__ 16544	00	IRR	NK	G	2208	--	NC	NE	SE	1967	616	10	30	1E	2	16.00	16.00	AF	
Same					4032	--	--	NC	NW	3849	4101	11	30	1E	7	57.00	57.00	AF	
A__ 29729	00	IRR	NK	G	8844	--	NE	NE	SW	2157	2784	34	29	1E	7	78.00	55.50	AF	
Same					9701	--	SE	SW	NW	2772	4496	34	29	1E	8	75.00	52.50	AF	
Same					7443	--	NE	SE	SW	753	2784	34	29	1E	9	60.00	42.00	AF	
A__ 31078	00	IRR	NK	G	7571	--	SW	SW	SW	360	4640	35	29	1E	4	112.00	112.00	AF	
A__ 31869	00	MUN	NK	G	10264	--	SW	SW	SW	110	4660	36	29	1E	3	89.29	.00	AF	
Same					10068	--	SW	SW	SW	110	4916	36	29	1E	4	90.95	.00	AF	
A__ 34031	00	IRR	NK	G	8885	--	SW	NW	SW	1970	5140	35	29	1E	8	135.00	135.00	AF	
A__ 34563	00	IRR	NK	G	7552	--	NE	NE	SW	2575	2656	14	30	1E	5	54.00	54.00	AF	
A__ 34564	00	IRR	NK	G	4202	--	--	NC	SW	1320	4000	11	30	1E	2	178.00	178.00	AF	
A__ 36475	00	IRR	NK	G	7240	--	--	NC		2643	2913	2	30	1E	4	131.00	131.00	AF	
A__ 37486	00	IRR	NK	G	8044	--	SE	NW	SE	1330	1475	34	29	1E	11	191.00	191.00	AF	
A__ 37597	00	IRR	NK	G	4445	--	NW	SE	SW	1025	3855	11	30	1E	4	24.00	24.00	AF	
A__ 38805	00	IRR	NK	G	5299	--	NW	SW	NE	3922	2404	9	30	1E	4	153.00	153.00	AF	
A__ 39212	00	IRR	NK	G	7486	--	NE	NE	SW	2525	2802	14	30	1E	6 G	3	180.00	134.00	AF
Same					7554	--	NE	NE	SW	2480	2750	14	30	1E	4 B	3			
Same					7552	--	NE	NE	SW	2575	2656	14	30	1E	5 B	3			
Same					7354	--	NE	NE	SW	2520	3000	14	30	1E	7 B	3			
A__ 39449	00	IRR	NK	G	6718	--	NE	SW	SE	1285	1376	11	30	1E	5	113.00	113.00	AF	
A__ 40107	00	IRR	NK	G	7397	--	NE	SW	NW	3856	4549	9	30	1E	7 G	4	202.50	202.50	AF
Same					7417	--	NE	SW	NW	3983	4549	9	30	1E	8 B	4			
Same					7379	--	NE	SW	NW	3728	4549	9	30	1E	9 B	4			
Same					7296	--	NE	SW	NW	3856	4447	9	30	1E	10 B	4			
Same					7372	--	NE	SW	NW	3856	4524	9	30	1E	11 B	4			
A__ 41240	00	IRR	NK	G	4567	--	NE	NW	NW	3681	4331	15	30	1E	1 G	4	145.00	145.00	AF
Same					4456	--	NE	SW	NW	3880	4530	15	30	1E	2 B	4			
Same					4693	--	NE	SW	NW	3480	4130	15	30	1E	3 B	4			
Same					4826	--	NE	SW	NW	3480	4530	15	30	1E	4 B	4			
Same					4309	--	NE	SW	NW	3884	4133	15	30	1E	5 B	4			
A__ 44471	00	IND	KK	G*	9932	--	NW	NE	NW	4739	3601	12	30	1E	6	13.50	13.50	AF	
A__ 44472	D1	IND	KE	G*	9932	--	NW	NE	NW	4739	3601	12	30	1E	6	26.09	26.09	AF	
A__ 44472	D2	IND	KE	G	9438	--	--	NC	SW	1347	3944	12	30	1E	3	167.87	167.87	AF	
A__ 44876	00	IND	KE	G	9738	--	SW	NE	SW	1600	3780	1	30	1E	5	244.99	244.99	AF	
A__ 45474	00	IRR	KK	G	4013	--	E2	E2	NW	3960	2980	15	30	1E	6	169.00	169.00	AF	
A__ 46040	00	THX	NK	G	8775	--	--	--	--	4008	3005	4	30	1E	3	15.82	15.82	AF	
A__ 46299	A	IRR	GY	G	9701	--	SE	SW	NW	2772	4496	34	29	1E	8	90.00	90.00	AF	
A__ 46301	00	IRR	GY	G	9572	--	SW	NE	SE	1901	975	33	29	1E	2 G	4	88.20	.00	AF
Same					9754	--	NW	NE	SE	2101	975	33	29	1E	4 B	4			
Same					9390	--	SW	NE	SE	1701	975	33	29	1E	5 B	4			
Same					9491	--	SW	NE	SE	1901	775	33	29	1E	6 B	4			
Same					9656	--	SW	NE	SE	1901	1175	33	29	1E	7 B	4			
A__ 47349	00	IRR	LO	G	8709	--	--	--	--	3758	3175	4	30	1E	8 G	2	8.00	8.00	AF

Same		8732	-- -- -- --	3789	3176	4	30	1E	9	B	2			
Same		8686	-- -- -- --	3727	3173	4	30	1E	10	B	2			
A__	47349 00 MUN LO G	8709	-- -- -- --	3758	3175	4	30	1E	8	G	2	7.00	7.00	AF
Same		8732	-- -- -- --	3789	3176	4	30	1E	9	B	2			
Same		8686	-- -- -- --	3727	3173	4	30	1E	10	B	2			
A__	49468 00 IRR AY G	7526	-- -- -- SW	1320	4620	9	30	1E	12			97.50	97.50	AF
A__	49502 00 IRR AY G	1308	-- -- -- NW	3333	1544	10	30	1E	3			168.00	168.00	AF
A__	49556 00 IRR AY G	5494	-- -- -- SE	660	2310	9	30	1E	13			180.00	180.00	AF
A__	49606 00 IRR AY G	7804	-- NE NE NE	5270	600	11	30	1E	8			169.00	169.00	AF
A__	49737 00 THX AY G	8709	-- -- -- --	3758	3175	4	30	1E	8	G	2	14.00	14.00	AF
Same		8732	-- -- -- --	3789	3176	4	30	1E	9	B	2			
Same		8686	-- -- -- --	3727	3173	4	30	1E	10	B	2			
A__	49752 00 IRR AY G	5120	-- -- N2 NE	4620	1320	16	30	1E	1			100.00	100.00	AF
T__	20079077 00 HYD GY G	9932	-- NW NE NW	4739	3601	12	30	1E	6			592.00	592.00	AF
T__	20119026 00 IND GY G	9901	-- SE NW NW	4140	4460	4	30	1E	11	G	2	58.00	58.00	AF
Same		9801	-- SE NW NW	3990	4460	4	30	1E	12	B	2			
Same		10002	-- SE NW NW	4290	4460	4	30	1E	13	B	2			
T__	20149060 00 MUN GY G	10264	-- SW SW SW	110	4660	36	29	1E	3			630.44	.00	AF
T__	20149075 00 MUN GY G	10068	-- SW SW SW	110	4916	36	29	1E	4			630.47	.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	728.50	.00
Total Permitted Amount (AF) =	1361.45	.00
Total Inspected Amount (AF) =	15.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	2011.32	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	4116.27	.00

An * after the source of supply indicates a pending application for change for the file number.

An * after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

97.303779 West Longitude and 37.457762 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number Use ST SR

A__ 2699 00 IRR NK G

> FORREST G BUTTS

>

> 205 S CENTRAL AVE

> MULVANE KS 67110

A__ 2765 00 IRR NK G

> FORREST G BUTTS

>

> 205 S CENTRAL AVE

> MULVANE KS 67110

A__ 16544 00 IRR NK G

49502

> KYLE J & MICHELLE S MCADAM
>
> 1255 N LONDON RD
> BELLE PLAINE KS 67013

>-----
> MELBA NEECE IRREVOCABLE TRUST
> ROGER NEECE - TRUSTEE
> 1331 N HILLSIDE RD
> MULVANE KS 67110

>-----
A__ 29729 00 IRR NK G
> JOHN PAUL GROTHER
>
> 11804 S HYDRAULIC ST
> PECK KS 67120

>-----
A__ 31078 00 IRR NK G
> LARRY C & RHONDA J PARKER
>
> 1103 S CENTRAL AVE
> MULVANE KS 67110

>-----
A__ 31869 00 MUN NK G
> CITY OF MULVANE
> UTILITY DEPARTMENT
> 211 N 2ND AVE
> MULVANE KS 67110

>-----
A__ 34031 00 IRR NK G
> PATRICIA A OTT
>
> 10821 S SENECA ST
> PECK KS 67120

>-----
A__ 34563 00 IRR NK G
> KENT A & REBECCA M OTT
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

>-----
A__ 34564 00 IRR NK G
> KENT A & REBECCA M OTT
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

>-----
A__ 36475 00 IRR NK G
> CURT HOOBLER
>
> 1346 E 130TH AVE N
> MULVANE KS 67110
>-----

A__ 37486 00 IRR NK G
> OTT LAND & GRAIN INC.
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

A__ 37597 00 IRR NK G
> KENT A & REBECCA M OTT
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

A__ 38805 00 IRR NK G
> FORREST G BUTTS
>
> 205 S CENTRAL AVE
> MULVANE KS 67110

A__ 39212 00 IRR NK G
> KENT A & REBECCA M OTT
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

A__ 39449 00 IRR NK G
> FORREST G BUTTS
>
> 205 S CENTRAL AVE
> MULVANE KS 67110

A__ 40107 00 IRR NK G
> FORREST G BUTTS
>
> 205 S CENTRAL AVE
> MULVANE KS 67110

A__ 41240 00 IRR NK G
> KENT A & REBECCA M OTT
>
> 11621 S HILLSIDE ST
> MULVANE KS 67110

A__ 44471 00 IND KK G
> ASSOCIATED MATERIAL & SUPPLY COMPANY
>
> PO BOX 4476
> WICHITA KS 67204

A__ 44472 D1 IND KE G
> ASSOCIATED MATERIAL & SUPPLY COMPANY
>
> PO BOX 4476

49502

> J WICHITA KS 67204

 A__ 44472 D2 IND KE G
 > ASSOCIATED MATERIAL & SUPPLY COMPANY
 >
 > PO BOX 4476
 > WICHITA KS 67204

A__ 44876 00 IND KE G
 > FORREST G BUTTS
 >
 > 205 S CENTRAL AVE
 > MULVANE KS 67110

A__ 45474 00 IRR KK G
 > KENT A & REBECCA M OTT
 >
 > 11621 S HILLSIDE ST
 > MULVANE KS 67110

A__ 46040 00 THX NK G
 > WYLDEWOOD CELLARS
 > DR JOHN A BREWER
 > PO BOX 45
 > MULVANE KS 67110

A__ 46299 A IRR GY G
 > JOHN PAUL GROTHOR
 >
 > 11804 S HYDRAULIC ST
 > PECK KS 67120

A__ 46301 00 IRR GY G
 > JOHN PAUL GROTHOR
 >
 > 11804 S HYDRAULIC ST
 > PECK KS 67120

A__ 47349 00 IRR LO G
 > WYLDEWOOD CELLARS
 > DR JOHN A BREWER
 > PO BOX 45
 > MULVANE KS 67110

A__ 47349 00 MUN LO G
 > WYLDEWOOD CELLARS
 > DR JOHN A BREWER
 > PO BOX 45
 > MULVANE KS 67110

A__ 49468 00 IRR AY G
 > JUSTIN KELLY

>
> 726 WESTCHESTER PLACE
> ANDOVER KS 67002
>-----
A__ 49502 00 IRR AY G
> TWYLA L HOOBLER WAGNER TRUST
>
> 1345 E 130TH AVE N
> MULVANE KS 67110
>-----
A__ 49556 00 IRR AY G
> TWYLA L HOOBLER WAGNER TRUST
>
> 1345 E 130TH AVE N
> MULVANE KS 67110
>-----
A__ 49606 00 IRR AY G
> IAN PARKER
>
> 3330 E 119TH ST S
> MULVANE KS 67110
>-----
A__ 49737 00 THX AY G
> WYLDEWOOD CELLARS
> DR JOHN A BREWER
> PO BOX 45
> MULVANE KS 67110
>-----
A__ 49752 00 IRR AY G
> HEATH B FINCHAM
>
> 6045 S KANSAS ST
> WICHITA KS 67216
>-----
T_20079077 00 HYD GY G
> ASSOCIATED MATERIAL & SUPPLY COMPANY
>
> PO BOX 4476
> WICHITA KS 67204
>-----
T_20119026 00 IND GY G
> KANSAS STAR CASINO LLC
>
> 777 KANSAS STAR DR
> MULVANE KS 67110
>-----
T_20149060 00 MUN GY G
> CITY OF MULVANE
> UTILITY DEPARTMENT
> 211 N 2ND AVE
> MULVANE KS 67110
>-----


Kansas
Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanteman, Water Commissioner

Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov
Sam Brownback, Governor

January 11, 2017

Shelly S. Hoobler
1345 E 130th Ave N.
Mulvane, KS 67110

RE: Application, File No. 49,502

Dear Shelly:

Due to the large number of domestic wells in the area surrounding this proposed appropriation, you requested a public notice to notify the nearby landowners.

Enclosed is a public notification for your application to appropriate water for beneficial use. This notice should be published in a local newspaper(s) once per week for three consecutive weeks at your expense. An affidavit of publication or copies of the published notification are to be submitted to this office within two weeks of the final publication date. The date proposed in Paragraph No. 2 of the notice is designed to allow at least 15 days for public comment following the final publication, and should be revised as needed to ensure this time allowance is met.

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,



Matt Meier
Environmental Scientist
Permits Unit

Enclosure
pc:

SCANNED



Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov

Sam Brownback, Governor

Public Notice
File No. 49,502

Shelly Hoobler has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,502, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 156 acre-feet of groundwater to be diverted at the rate of 800 gallons per minute from a battery of four (4) wells for irrigation use. The proposed geo-center of the well battery would be located in the Southeast Quarter of the Southeast Quarter of the Northwest Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 10, more particularly described as being near a point 2711 feet North and 2695 feet West of the Southeast corner of said section, in Township 30 South, Range 1 East, Sumner County, Kansas.

Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,502. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through **February 16, 2017**.

Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

SCANNED

Affidavit of Publication

Victoria Vinciguerra

Of lawful age being duly sworn upon oath states:
That she is the lawful billing clerk at

**Times-Sentinel Newspapers, LLC
(The Conway Springs Star and The Argonia Argosy)
State of Kansas**

A weekly newspaper printed in the state of Kansas, And published in and of general circulation in Sumner County, with a general paid circulation on a yearly Basis in Sumner County of Kansas, and that said Newspaper is not a trade, religious, or fraternal Publication. That said newspaper has been published At least weekly 50 times a year, has been so published Continuously and uninterruptedly in said county and state For a period of more than five years prior to the first Publication of said notice and has been admitted to the Post Office of Conway Springs, Kansas, in Sumner County as Second class matter. That the attached is a true copy Thereof and was published on the following dates in the Regular and entire Issue of said newspaper.

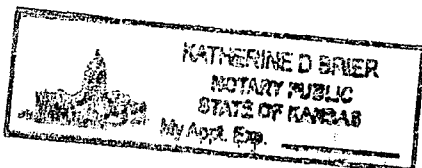
First Publication was made
On the 26TH Day of JAN., 2017
Second Publication was made
On the 2ND Day of FEB., 2017
Third Publication was made
On the 9TH Day of FEB., 2017

Total Publication Fee \$ 168.00
[Signature]

Subscribed and sworn to before me this
9th Day of Feb., 2017

[Signature]
Notary Public

My Commission expires on 5/8/19



PUBLIC NOTICE

First published in the Conway Springs Star and Argonia Argosy January 26, 2017 (3t)

**Public Notice
File No. 49,502**

Shelly Hoobler has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,502, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 156 acre-feet of groundwater to be diverted at the rate of 800 gallons per minute from a battery of four (4) wells for irrigation use. The proposed geo-center of the well battery would be located in the Southeast Quarter of the Southeast Quarter of the Northwest Quarter (SE 1/4 SE 1/4 NW 1/4) of Section 10, more particularly described as being near a point 2711 feet North and 2695 feet West of the Southeast corner of said section, in Township 30 South, Range 1 East, Sumner County, Kansas.

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Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning the application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

RECEIVED

MAR 06 2017

Stafford Field Office
Division of Water Resources

Meier, Matt

From: Lanterman, Jeff
Sent: Friday, March 31, 2017 3:40 PM
To: Whitesell, Alex
Cc: Conant, Cameron; Meier, Matt
Subject: FW: 49468
Attachments: Memo.docx; 49468 app map.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Alex. This one has kind of been through the review wringer. For the reasons stated we think it can be approved.

Thanks for your work on this. (all involved) Gives a Water Commissioner a little less heartburn.

Jeff

From: Conant, Cameron
Sent: Friday, March 31, 2017 10:48 AM
To: Lanterman, Jeff <Jeff.Lanterman@ks.gov>
Subject: FW: 49468

Jeff, below I've summarized why we did not require a limited saturated thickness study in this case. Matt should also do this for 49556 & 49752 if they get to the point of being approved. This doesn't necessarily need to go into the memo, the emails should be in the file I think.

In cases like this where the test log shows limited saturated thickness, we have required the applicant to provide additional information that proves the requested quantity of water is available from the source. We did not require additional information in this case because there are several nearby irrigation wells in operation and recently tested, with well logs showing similar limited saturated thickness. The tested rates indicate the limited aquifer is capable of producing the requested rate of 800gpm. The full review that helped make this determination is located below in this email chain for reference.

I've attached the application map, it appears all owners w/in ½ mile were notified (9 total, 3 written responses). I spoke with one of the concerned domestic well owners as well. Their concerns were mainly about this impacting their domestic wells, and one also had concerns about drainage from the new irrigation system. In this case, all rules and regs are met, SY is available, the requested quantity appears to be available from the source based on nearby producing wells, and spacing is great (geo-center appears to be over 1320 to any domestics).

I think this can be recommended for approval and passed on to Alex.

Cameron

From: Conant, Cameron
Sent: Friday, February 24, 2017 10:55 AM
To: Whitesell, Alex <Alex.Whitesell@ks.gov>; Lanterman, Jeff <Jeff.Lanterman@ks.gov>
Cc: Meier, Matt <Matt.Meier@ks.gov>
Subject: RE: 49468

Alex, just notify those in the ½ mile.

I agree with you Jeff. With this determination, we'll need to process all 3 nearby apps the same. Make sure all three memos are consistent with why we did not do a LST study. Matt and Alex can work together to make sure the memos are consistent.

Cameron

From: Whitesell, Alex
Sent: Friday, February 24, 2017 10:49 AM
To: Lanterman, Jeff <Jeff.Lanterman@ks.gov>; Conant, Cameron <Cameron.Conant@ks.gov>
Cc: Meier, Matt <Matt.Meier@ks.gov>
Subject: RE: 49468

Thanks for looking into this everyone. Another domestic related question. The applicant provided addresses for folks who are outside the half-mile circle, should I still notify?

From: Lanterman, Jeff
Sent: Friday, February 24, 2017 10:22 AM
To: Conant, Cameron; Whitesell, Alex
Cc: Meier, Matt
Subject: RE: 49468

This is a tough one. The aquifer can obviously produce it in the area.

I think we consider the existing wells as proof of that in the memo(As far as reasoning why we are bypassing) the LST study.

Hope our spacing and safe yield is enough to protect all the domestics nearby. That's a little scary. At 15% storage coefficient putting on 14" of wet water on the irrigated ground doesn't leave much for Domestic around.

From: Conant, Cameron
Sent: Thursday, February 23, 2017 1:21 PM
To: Whitesell, Alex <Alex.Whitesell@ks.gov>; Lanterman, Jeff <Jeff.Lanterman@ks.gov>
Cc: Meier, Matt <Matt.Meier@ks.gov>
Subject: RE: 49468

Jeff, two well logs for this application are attached. They are not pretty. Both show shale at 27' and SWL of 15' for a total saturated thickness of 12'. This criteria alone meets the limited saturated thickness guideline we have set for requesting additional information to ensure that the requested quantity of water can even be pulled from the aquifer. That said, we also decided before requesting the additional study we would review surrounding water rights to see if they have existing wells with similar logs, which have been developed and pumped in a manner that a reasonable determination can be made to say that the requested rate and quantity is reasonable and "available from the source".

I've attached a single well log from 2765 & 38805 which tested at 650gpm. Shale at 37', SWL at 15', saturated thickness of 22'. These files are a single well located ~3800'NE of the proposed battery for 49468.

I've attached one representative well log from a battery of wells which tested at 710gpm. Shale at 42', SWL at 16', saturated thickness of 26'. This battery is located ~2600'N of the proposed battery for 49468. Also should note on this file that the battery is located ~800' from the nearest of a clump of domestic wells. The proposed new app, 49468, is located about ~1320' from the nearest domestic well.

I also pulled a log for 45474, couldn't find one for 41240, but the log for 45474 showed about 17' of saturated thickness, Shale at 23' and water level at 6'. The battery tested at 575gpm.

Alex still needs your executive decision with regard to doing the additional study or not based on the limited saturated thickness. Are the logs similar enough to move forward with processing 46468 as it has currently been filed or do you want additional study.

Keep in mind that 49468, 49556, 49752 are very close by and will be worked as soon as this one is moved on. I'm sure they will all fall into the limited saturated thickness criteria...question will be, do surrounding logs and tested rates justify that the requested quantity is available from source.

Let me know if you want to talk it over a bit more.

Cameron

From: Whitesell, Alex
Sent: Thursday, February 23, 2017 11:48 AM
To: Conant, Cameron <Cameron.Conant@ks.gov>; Lanterman, Jeff <Jeff.Lanterman@ks.gov>
Subject: 49468

I have an application in Sumner Co. that is now able to be processed due to some older files being dismissed prior to approval.

I am emailing because there isn't great saturated thickness in the area and there are several domestic wells identified by the applicant. I guess I just wanted your opinions on proceeding with this application. Should I go ahead and notify nearby? Or is there any other thing I should be considering.

The application is scanned into docuware including well logs. The newest docuwar entry should have everything there.

Thanks!

Alex Whitesell
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS
(785) 564 - 6631

My email has changed alex.whitesell@ks.gov

w 1 mile west

[Kansas Geological Survey](#)
[Hydrology](#)
[Wizard Water Well Query](#)
[Online Help](#)
[WIZARD Water Well Listing](#)
[Detailed Well Page](#)
[FGDC Metadata](#)

General Well Site Information

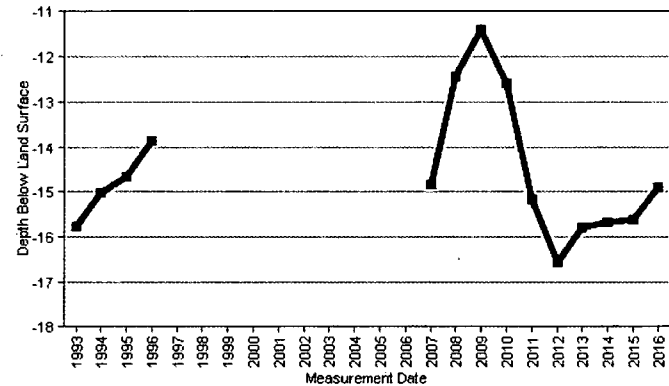
USGS ID: 372742097194202 **KGS Local Well ID:** 30S 01E 09BBD 02
County: Sumner **PLSS Description:** 30S 1E 9 SENWNW
HUC 8 Code: 11030016 **GMD:** None
Longitude: -97.328965 **Lat/Long Source:** GIS
Latitude: 37.460835 **Lat/Long Accuracy:** Unknown
Surface Elevation (ft): 1246 **Depth of Well (ft):** 48
Geological Unit Codes: **USGS Map Name:** BELLE PLAINE

Water Level Measurements

372742097194202

Note that depth to water is feet below land surface and all measurements for the well are included.

Hydrograph- Annual Average Depth to Water Below Land Surface



Measuring Point Information

Note that height is listed as feet above or below land surface.

Height:	2.1
Description:	Top of pipe

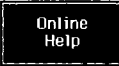
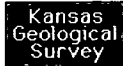
Other Well Identifiers

Well Identifier	Assignor	Date Assigned
DWR1/4	KSNET002	MAR-18-1998
40107	DWR-KSBA	MAR-18-1998
SU01	SF FO Wells	NOV-04-2014
Ninnescah	KDA-DWR Wells	SEP-09-2016

Construction Data

Date:	15-JUN-93
Construction Method:	Unknown

Date	Depth to Water	Status	Agency	Method	WL Source	Tape Hold	Chalk Cut	Initials
SEP-14-1993	-15.06	-	-	Steel Tape	-	-	---	-
DEC-14-1993	-16.43	-	-	Steel Tape	-	-	---	-
MAR-16-1994	-14.78	-	-	Steel Tape	-	-	---	-
DEC-09-1994	-15.27	-	-	Steel Tape	-	-	---	-
MAR-09-1995	-15.26	-	-	Steel Tape	-	-	---	-
JUN-19-1995	-14.82	-	-	Steel Tape	-	-	---	-
DEC-14-1995	-13.91	-	-	Steel Tape	-	-	---	-
MAR-12-1996	-13.85	-	-	Steel Tape	-	-	---	-
DEC-17-2007	-14.85	-	DWR	Unknown	-	21	4.55	PHD



WIZARD Water Well Listing

FGDC Metadata

Detailed Well Page

~ 2 miles NE

General Well Site Information

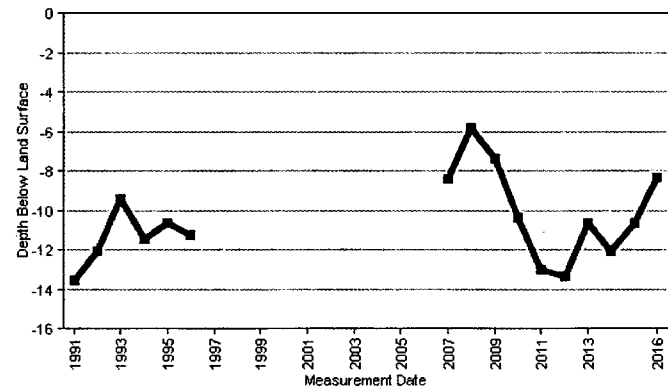
USGS ID: 372926097173601 **KGS Local Well ID:** 29S 01E 35BBA 01
County: Sedgwick **PLSS Description:** 29S 1E 35 NENWNW
HUC 8 Code: 11030013 **GMD:** None
Longitude: -97.295006 **Lat/Long Source:** GIS
Latitude: 37.490002 **Lat/Long Accuracy:** Unknown
Surface Elevation (ft): 1232 **Depth of Well (ft):** 54
Geological Unit Codes: **USGS Map Name:** BELLE PLAINE

Water Level Measurements

372926097173601

Note that depth to water is feet below land surface and all measurements for the well are included.

Hydrograph- Annual Average Depth to Water Below Land Surface



Date	Depth to Water	Status	Agency	Method	WL Source	Tape Hold	Chalk Cut	Initials
MAY-03-1991	-12.63	-	-	Steel Tape	-	-	---	-
SEP-10-1991	-14.72	-	-	Steel Tape	-	-	---	-
DEC-10-1991	-13.23	-	-	Steel Tape	-	-	---	-
MAR-24-1992	-12.16	-	-	Steel Tape	-	-	---	-
SEP-01-1992	-12.47	-	-	Steel Tape	-	-	---	-
DEC-17-1992	-11.47	-	-	Steel Tape	-	-	---	-
MAR-16-1993	-10.08	-	-	Steel Tape	-	-	---	-
JUN-10-1993	-7.46	-	-	Steel Tape	-	-	---	-
SEP-14-1993	-10.45	-	-	Steel Tape	-	-	---	-

Measuring Point Information

Note that height is listed as feet above or below land surface.

Height:	0.5
Description:	REMOVE PLUG SE SIDE PUMPBASE

Other Well Identifiers

Well Identifier	Assignor	Date Assigned
DWR1/4	KSNET002	MAR-18-1998
36093	KDA-DWR	NOV-04-2014
SG14	SF FO Wells	NOV-04-2014
Arkansas	KDA-DWR Wells	SEP-09-2016

Construction Data

Date:	09-OCT-82
--------------	-----------

Draft

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

M E M O R A N D U M

TO: Files

DATE: April 5, 2017

FROM: Matt Meier

RE: Application, File No. 49,502

Shelly S. Hoobler has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 156 acre-feet, and a diversion rate of 800 gallons per minute. The Geo-Center is to be located in the Southeast Quarter of the Southeast Quarter of the Northwest Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 10, more particularly described as being near a point 2,711 feet North and 2,695 feet West of the Southeast corner of said section, in Township 30 South, Range 1 East, Sumner County, within the Arkansas River drainage basin. There are no other water rights overlapping the proposed place of use or point of diversion. The proposed place of use is owned by Twyal Hoobler Wagner. The applicant has signed the application form stating that she has legal access to the point of diversion.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, DWR suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state, and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,714.18 acre-feet. Existing water rights have appropriated 2,499.31 acre-feet, providing a difference of 214.87 acre-feet available for appropriation, and the application requesting 156 acre-feet complies with safe yield.

A test hole log was submitted with the pending application, one which shows top soil from 0 to 1 feet, clay from 1 to 3 feet, fine to medium sand from 3 to 12 feet, fine to medium sand and gravel with clay from 12 to 17 feet, fine to medium sand from 17 to 24 feet, and blue/grey shale from 24 to 28 feet. The static water level was listed at between 5 and 8 feet which provides a saturated thickness of between 19 and 16 feet.

The requested quantity of water, 156 acre-feet, is to irrigate the proposed 120 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sumner County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run, the last of which was published on February 9, 2017. No contact of any kind was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 16544) is located 2,208 feet away. The nearest domestic well/house is approximately 1,850 feet away. The proposed point of diversion meets minimum well spacing to all existing wells. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells.

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. A water level measurement tube is required because this is a proposed new well exceeding 100 gpm.

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office.

Based on the above discussion, well spacing and safe yield criteria are met, and 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.

Matthew J. Meier
Environmental Scientist
Water Appropriations Unit

*Lower w/ work on limited saturated
thickness, formation will meet needs.
Exceeds spacing
Approve it
Jeff R. W.C.*

157



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

March 31, 2016

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

Re: Pending Applications,
File Nos. 49,502 and 49,556

Dear Ms. Hoobler:

After a preliminary review of your above referenced applications for permit to appropriate water received in this office on November 12, 2015 and February 8, 2016, they are being returned to you for additional information.

The locations of all other water wells of every kind within one-half mile (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 (1/2) of the point of diversion have been plotted, or it should declare that none exist. Please follow these instructions for both applications. As we discussed on the telephone, you may request to do a public notice.

We will hold your application pending receipt of this information. If we do not hear from you on or before **May 2, 2016**, your application will be returned to you as being incomplete.

If you have any questions, please contact me at (785) 564-6631 or by email at alex.whitesell@kda.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,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

enclosures
pc: Stafford Field Office

WATER RESOURCES
RECEIVED

APR 11 2016

KS DEPT OF AGRICULTURE

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

March 31, 2016

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

Re: Pending Applications,
File Nos. 49,502 and 49,556

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If you have any questions, please contact me at (785) 564-6631 or by email at alex.whitesell@kda.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".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

enclosures
pc: Stafford 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

March 15, 2016

SHELLY S HOOBLER
1345 130TH AVE N
MULVANE KS 67110

Re: Pending Application,
File No. 49,502

Dear Ms Hoobler:

In response to your written request by electronic mail received in this office on March 13, 2016, the Chief Engineer is allowing an extension of time for thirty (30) days, in which to supply further information concerning the above referenced file. The original application was returned to you on November 23, 2015, and with this extension of time, the revised deadline will be **April 14, 2016**.

Extension requests are evaluated on a case by case basis. Since it appears that no pending application would be adversely affected by granting this extension, you are being allowed an additional 60 days. If you determine that additional time will be needed, you may submit another request for an extension prior to the deadline given above. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

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 **April 14, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

If you have any questions, please contact me at (785) 564-6631 or by email at alexander.whitesell@kda.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,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc: Stafford 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

February 12, 2016

SHELLY HOOBLER
1345 E 130TH AVENUE
MULVANE KS 67110

Re: Pending Application,
File No. 49,502

Dear Ms Hoobler:

The Division of Water Resources returned the above referenced application to you for additional information on November 23, 2015, and the current deadline for your response is March 14, 2016. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original application and requested information needs to be returned to this office on or before **March 14, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **March 14, 2016**. Provide information as to why the additional time is needed and how much additional time is requested. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

If you have any questions, please contact me at (785) 564-6631 or by email at alexander.whitesell@kda.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".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc: Stafford 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

January 13, 2016

SHELLY HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

FILE COPY

Re: Pending Application,
File No. 49,502

Dear Sir or Madam:

In response to your written request by electronic mail received in this office on January 11, 2016, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced file. The original application was returned to you on November 23, 2015, and with this extension of time, the revised deadline will be **March 14, 2016**.

Extension requests are evaluated on a case by case basis. Since it appears that no pending application would be adversely affected by granting this extension, you are being allowed an additional 60 days. If you determine that additional time will be needed, you may submit another request for an extension prior to the deadline given above. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

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 **March 14, 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.

If you have any questions, please contact me at (785) 564-6631 or by email at alexander.whitesell@kda.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,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc: Stafford Field Office

SCANNED

Whitesell, Alex

From: Philip, Charlotte
Sent: Monday, January 11, 2016 1:50 PM
To: Whitesell, Alex
Cc: ssk9977@hotmail.com
Subject: FW: Extension Shelly Hoobler

Alex, please see Shelly's email below regarding her 60-days to locate extension request. I told her you would be sending her a letter approving the extension with a new deadline.

Thanks,

Charlotte Philip

From: Shelly [<mailto:ssk9977@hotmail.com>]
Sent: Monday, January 11, 2016 1:48 PM
To: Philip, Charlotte
Subject: Extension Shelly Hoobler

Charlotte,

Regarding file number 49502 drillers are running behind due to our wet winter. Could an extension be made to locate?

Please let me know email was successful.

Shelly Hoobler
316-641-8256

Shelly Hoobler

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

December 14, 2015

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

Re: Pending Application,
File No. 49,502

Dear Ms Hoobler:

The Division of Water Resources returned the above referenced application to you for additional information on November 23, 2015, and the current deadline for your response is January 12, 2016. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original application and requested information needs to be returned to this office on or before **January 12, 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.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **January 12, 2016**. Provide information as to why the additional time is needed and how much additional time is requested. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

If you have any questions, please contact me at (785) 564-6627 or by email at kristen.baum@kda.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 cursive script that reads "Kristen A. Baum".

Kristen A. Baum
Environmental Scientist
Water Appropriation Program

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 23, 2015

SHELLY S HOOBLER
1345 E 130TH AVENUE
MULVANE KS 67110

FILE COPY

Re: Pending Application,
File No. 49,502

Dear Ms Hoobler:

After a preliminary review of your above referenced application for permit to appropriate water received in this office on November 12, 2015, 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 Northeast Quarter (NE¹/₄) of Section 10, in Township 30 South, Range 1 East, Sumner 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 (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 (1/2) of the point of diversion have been plotted, or it should declare that none exist. Please provide this information 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 **January 12, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

(over)

SCANNED

SHELLY S HOOBLER

11/23/15

Page 2 of 2

If you have any questions, please contact me at (785) 564-6627 or by email at kristen.baum@kda.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 that reads "Kristen A. Baum". The signature is written in a cursive style with a large initial "K".

Kristen A. Baum
Environmental Scientist
Water Appropriation Program

enclosures

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

November 16, 2015

SHELLY S HOOBLER
1345 E 130TH AVE N
MULVANE KS 67110

RE: Application
File No. 49502

Dear Sir or Madam:

Your application for permit to appropriate water in 10-30S-1E in Sumner 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) 564-6634. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kenneth A. Kopp, P.G.
New Application Unit Supervisor
Water Appropriation Program

KAK: DLW
pc: STAFFORDField Office
GMD 0

SCANNED

Same		IRR NK G	NE NE SW	2520	3000	14	30	01E	7	WR					
A	39449	00	IRR NK G	NE SW SE	1285	1376	11	30	01E	5	WR	113.00	113.00	75.00	75.00
A	40107	00	IRR NK G	NE SW NW	3983	4549	09	30	01E	8	WR	202.50	202.50	141.25	141.25
Same		IRR NK G	NE SW NW	3728	4549	09	30	01E	9	WR					
Same		IRR NK G	NE SW NW	3856	4447	09	30	01E	10	WR					
Same		IRR NK G	NE SW NW	3856	4549	09	30	01E	7	WR					
Same		IRR NK G	NE SW NW	3856	4524	09	30	01E	11	WR					
A	41240	00	IRR NK G	NE NW NW	3681	4331	15	30	01E	1	WR	145.00	145.00	130.00	130.00
Same		IRR NK G	NE SW NW	3884	4133	15	30	01E	5	WR					
Same		IRR NK G	NE SW NW	3480	4130	15	30	01E	3	WR					
Same		IRR NK G	NE SW NW	3880	4530	15	30	01E	2	WR					
Same		IRR NK G	NE SW NW	3480	4530	15	30	01E	4	WR					
A	44471	00	IND KK G	NW NE NW	4739	3601	12	30	01E	6	WRF	13.50	13.50		
A	44876	00	IND KE G	SW NE SW	1600	3780	01	30	01E	5	WR	244.99	244.99		
A	45474	00	IRR KK G	E2 E2 NW	3960	2980	15	30	01E	6	WR	169.00	169.00	130.00	0.00
A	46040	00	THX NK G		4008	3005	04	30	01E	3	WR	15.82	15.82		
A	46299	A	IRR GY G	SE SW NW	2772	4496	34	29	01E	8	WR	90.00	90.00	229.56	0.00
A	46301	00	IRR GY G	SW NE SE	1901	975	33	29	01E	2	WR	88.20	0.00	229.56	0.00
Same		IRR GY G	NW NE SE	2101	975	33	29	01E	4	WR					
Same		IRR GY G	SW NE SE	1701	975	33	29	01E	5	WR					
Same		IRR GY G	SW NE SE	1901	775	33	29	01E	6	WR					
Same		IRR GY G	SW NE SE	1901	1175	33	29	01E	7	WR					
A	47349	00	IRR LO G		3758	3175	04	30	01E	8	WRF	8.00	8.00	30.00	30.00
Same		IRR LO G			3789	3176	04	30	01E	9	WRF				
Same		IRR LO G			3727	3173	04	30	01E	10	WRF				
Same		MUN LO G			3758	3175	04	30	01E	8	WRF				
Same		MUN LO G			3789	3176	04	30	01E	9	WRF				
Same		MUN LO G			3727	3173	04	30	01E	10	WRF				
A	49468	00	IRR AY G	SW	1320	4620	09	30	01E	12	WR	97.50	97.50	75.00	75.00
A	49502	00	IRR AY G	NW	3333	1544	10	30	01E	3	WR	168.00	168.00	120.00	120.00
A	49556	00	IRR AY G	SE	660	2310	09	30	01E	13	WR	180.00	180.00	138.00	138.00
A	49606	00	IRR AY G	NE NE NE	5270	600	11	30	01E	8	WR	169.00	169.00	130.00	130.00
A	49737	00	THX AY G		3758	3175	04	30	01E	8	WR	14.00	14.00		
Same		THX AY G			3789	3176	04	30	01E	9	WR				
Same		THX AY G			3727	3173	04	30	01E	10	WR				
A	49752	00	IRR AY G	N2 NE	4620	1320	16	30	01E	1	WR	100.00	100.00	157.00	0.00

1001.81

975 pend.

1400
1001.81
+ 97.5
2499.31

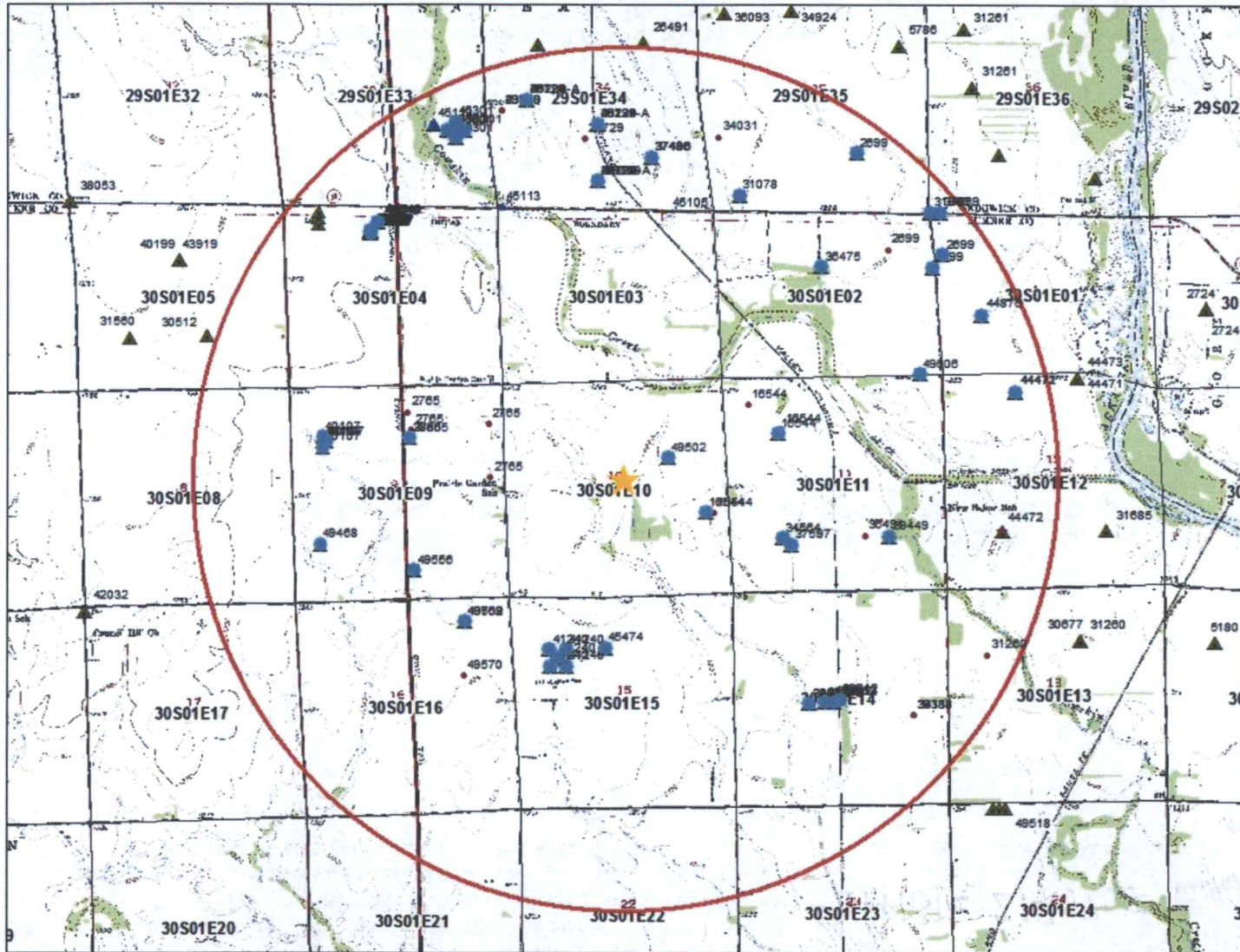
63 IAF
pend.
728.5 total pending

T_20149075 00 MUN GY G
> CITY OF MULVANE
> UTILITY DEPARTMENT
> 211 N 2ND AVE
> MULVANE KS 67110

49502

>-----
=====

Safe Yield Report Sheet
Proposed Water Right Application
Point of Diversion in SWSWSNE 10-30S-01E



49502

Analysis Results

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 2,714.18 AF. *-2499.31 = 214.87 AF available*

Total prior appropriation in the circle is 3,137.31 AF.

Total quantity of water available for appropriation is 0.00 AF.

meets S.V.

Safe Yield Variables

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

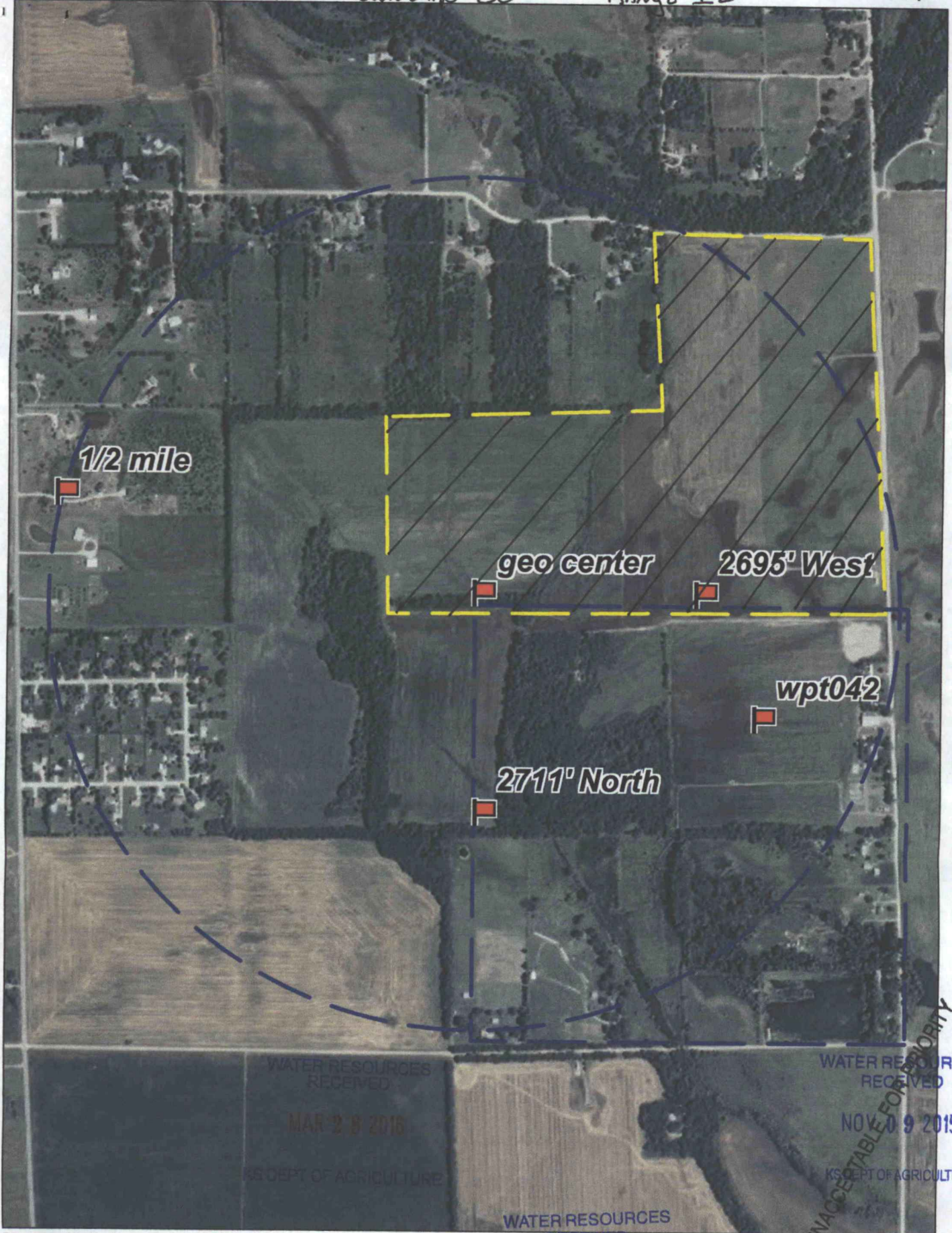
Potential annual recharge of the area is estimated to be 5.4 inches.

The percent of recharge available for appropriation is 75%.


Authorized Quantity values are as of 21-FEB-2017 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 29 water right(s) and 48 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 2699 00	IRR	NK	G					3130	4650	01	30	01E	1	WR	174.00	174.00	300.00	300.00
Same	IRR	NK	G		SE	NW	SE	1450	168	35	29	01E	1	WR				
Same	IRR	NK	G		NE	NE	SE	2635	40	02	30	01E	5	WR				
A 2765 00	IRR	NK	G		NW	SW	NE	3922	2404	09	30	01E	4	WR	26.00	26.00	119.00	119.00
A 16544 00	IRR	NK	G			NC	NW	3849	4101	11	30	01E	7	PD	57.00	57.00	120.00	120.00
Same	IRR	NK	G		NC	NE	SE	1967	616	10	30	01E	2	PD	16.00	16.00		
A 29729 00	IRR	NK	G		NE	NE	SW	2157	2784	34	29	01E	7	PD	78.00	55.50	229.56	229.56
Same	IRR	NK	G		SE	SW	NW	2772	4496	34	29	01E	8	PD	75.00	52.50		
Same	IRR	NK	G		NE	SE	SW	753	2784	34	29	01E	9	PD	60.00	42.00		
A 31078 00	IRR	NK	G		SW	SW	SW	360	4640	35	29	01E	4	WR	112.00	112.00	80.00	80.00
A 31869 00	MUN	NK	G		SW	SW	SW	110	4916	36	29	01E	4	PD	90.95	0.00		
Same	MUN	NK	G		SW	SW	SW	110	4660	36	29	01E	3	PD	89.29	0.00		
A 34563 00	IRR	NK	G		NE	NE	SW	2575	2656	14	30	01E	5	WR	54.00	54.00	156.00	156.00
A 34564 00	IRR	NK	G			NC	SW	1320	4000	11	30	01E	2	WR	178.00	178.00	134.80	134.80
A 36475 00	IRR	NK	G				NC	2643	2913	02	30	01E	4	WR	131.00	131.00	88.50	88.50
A 37486 00	IRR	NK	G		SE	NW	SE	1330	1475	34	29	01E	11	WR	191.00	191.00	127.00	127.00
A 37597 00	IRR	NK	G		NW	SE	SW	1025	3855	11	30	01E	4	WR	24.00	24.00	135.00	0.00
A 38805 00	IRR	NK	G		NW	SW	NE	3922	2404	09	30	01E	4	WR	153.00	153.00	119.00	0.00
A 39212 00	IRR	NK	G		NE	NE	SW	2575	2656	14	30	01E	5	WR	180.00	134.00	156.00	0.00
Same	IRR	NK	G		NE	NE	SW	2480	2750	14	30	01E	4	WR				
Same	IRR	NK	G		NE	NE	SW	2525	2802	14	30	01E	6	WR				



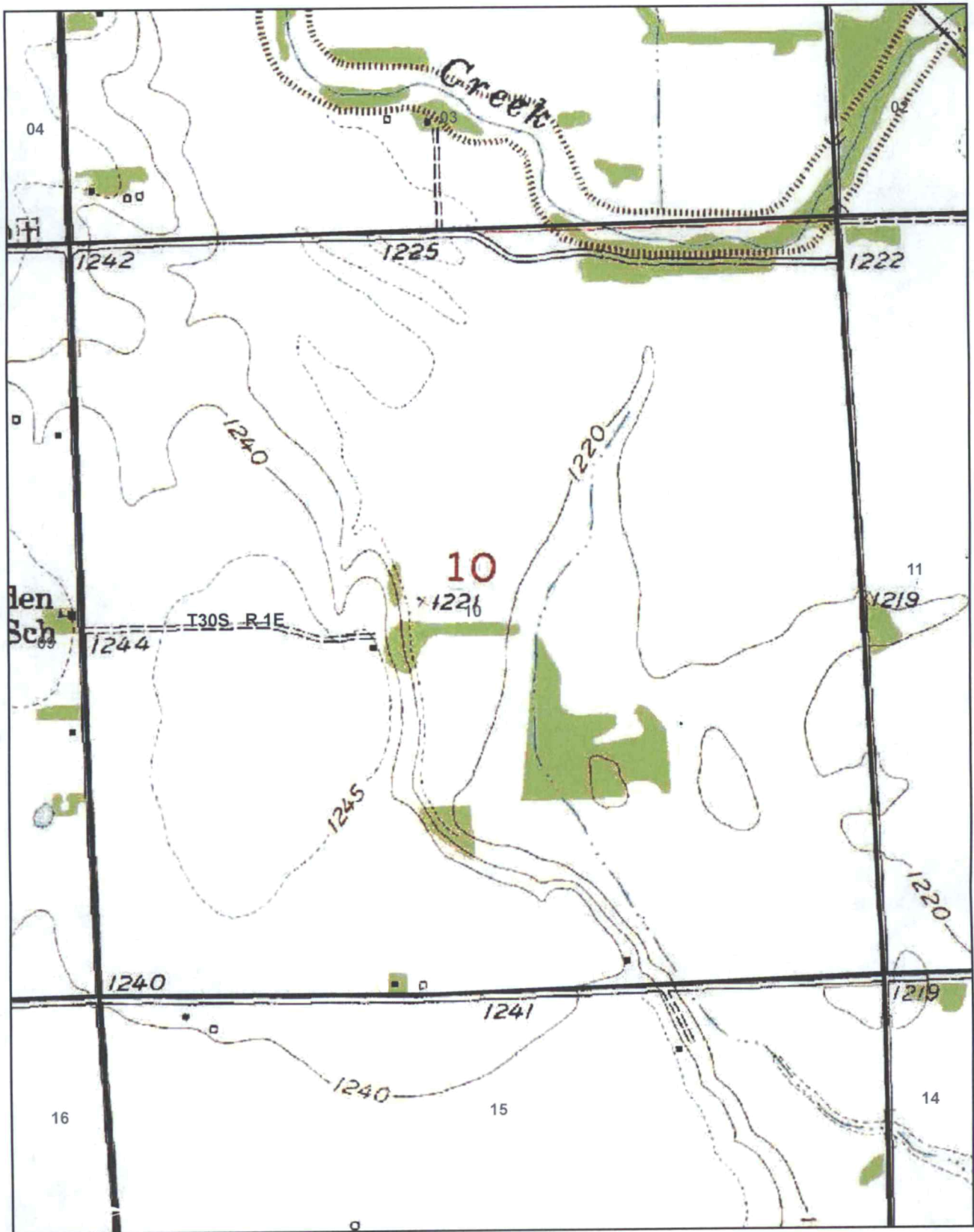
Data use subject to license.
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 www.delorme.com

 PLACE OF USE.

TN
 MN (3.7"E)
 W
 N
 NOV 12 2015
 S
 KS DEPT OF AGRICULTURE

Scale 1" = 3,600
 0 100 200 300 400 500 ft
 0 20 40 60 80 100 m
 1" = 302.7 ft Data Zoom 13-4

SCANNED



I declare that all water wells or diversion sites within 1/2 mile of the proposed point of diversion have been plotted on this map.

WATER RESOURCES RECEIVED

MAR 28 2016

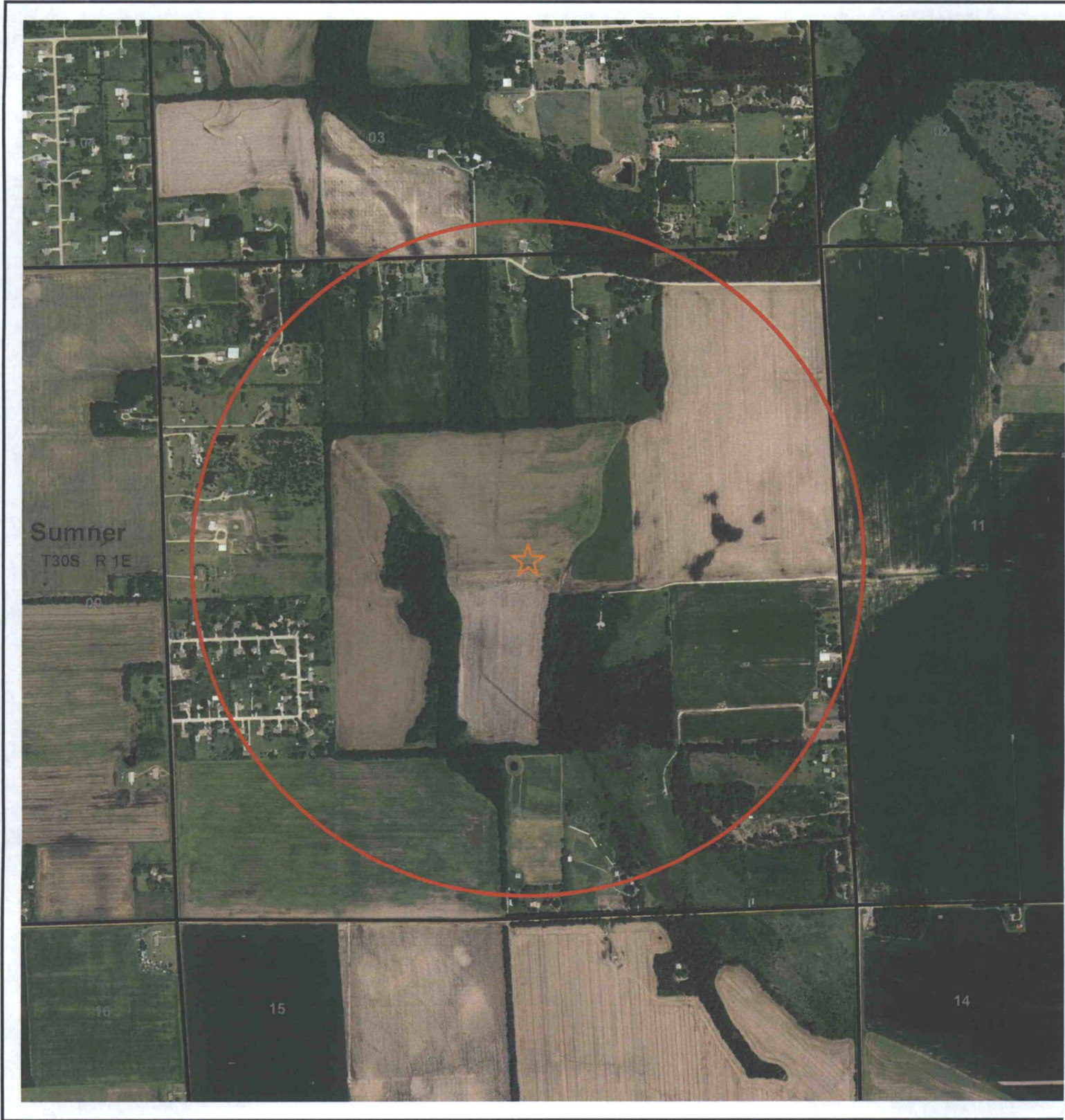


Signature: _____

KS DEPT OF AGRICULTURE

AJW/DWR
Date: 11/23/2015

One Half (1/2) Mile Circle File No. 49,502



0 0.25 0.5 0.75 Miles

WATER RESOURCES RECEIVED

Request to Do Public Notice

APR 11 2016

SCANNED

I declare that the names and addresses of the landowners of all wells of any kind with 1/2 mile of the proposed point of diversion are shown.

Signature: *[Handwritten Signature]*

KS DEPT OF AGRICULTURE

AJW/DWR

Date: 3/31/2016

