

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

1. File Number: <p style="text-align: center;">49,894</p>	2. Status Change Date: <p style="text-align: center;">6/28/2018</p>	3. Field Office: <p style="text-align: center;">01</p>	4. GMD: <p style="text-align: center;">0</p>
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

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

<p>7a. Applicant(s) Person ID 65699 New to system <input type="checkbox"/> Add Seq# _____</p> <p>TOM HAUSCHEL 3604 149TH ST URBANDALE IA 50323</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>
<p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>

<p>8. WUR Correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><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>
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10. Completion Date: **12/31/2019** 11. Perfection Date: **12/31/2023** 12. Exp Date: _____

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

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

Date Prepared: **06/04/2018** By: **DWS**
Date Entered: **7/3/2018** By: **UM**

File No. **49,894** 15. Formation Code: **330** Drainage Basin: **MILL CREEK** County: **WS** Special Use: Stream:

16. Points of Diversion									
MOD	PDIV	Qualifier	S	T	R	ID	'N	'W	
MOD	86310	SW NE NE	20	2	2E	1	3961	815	

17. Rate and Quantity				
Authorized		Additional		
Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
1600	528	1600	528	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 **12/31/2019** Date Acceptable Meter Installed _____

21. Place of Use							NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files		
MOD	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						
√	68526	20	2	2E	1		40	40	40	40														160	7a.	NO	49,895	
√	68527	21	2	2E	1		40	40			40	40	40	40		40								280	7a.	NO	49,895	

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: June 4, 2018

FROM: Doug Schemm

RE: Applications, File Nos. 49,894 and 49,895

Tom Hauschel has filed the referenced applications for permits to appropriate groundwater within the Mill Creek basin in Washington County. The applications were both signed by the applicant stating he has access to the points of diversion. The applications had both requested 60 days to locate, and the **original** Applications, File Nos. 49,894 and 49,895 were returned to our office on March 1, 2018, with well logs and feet distances entered on the applications. Both applications are requesting 528 acre-feet at a diversion rate of 1,600 gallons per minute. The two files will overlap in place of use, which comprises 440 acres. The maximum allowable to irrigate the proposed 440 acres in Washington County is 1.2 acre-feet per acre, or a total of 528 acre-feet. Therefore, the senior file will be all additional water, the junior file will be limited to 528 acre-feet when combined with the senior file on the place of use (0 additional).

File No. 49,894 is located in the Northeast Quarter of Section 20, while File No. 49,895 is located in the Northwest Quarter of Section 21, both in Township 2 South, Range 2 East. Both test hole logs show a coarse sand and gravel layer encountered between 50 feet and 60 feet below ground, underlain by a gray shale layer. The sandstone aquifer was encountered at a depth of 110 feet below ground surface in one test hole, and 140 feet below ground surface in the second test hole, and ended at depths of 185 feet and 223 feet respectively. This would provide aquifer thicknesses of 74 feet and 83 feet according to the test hole logs. No static water levels were provided on the test hole logs, however area domestic wells have depths to water ranging from 40 feet to 50 feet below ground surface. This would be within the range of the shallow sand and gravel layer in the test holes. Similar wells with shallow production zones overlying the primary sandstone aquifer are typically designated as sourcing the unconfined Dakota aquifer system. According to the applicant, the driller estimated production at 600 gallons per minute.

As noted above, the source of water for these pending groundwater applications appears to be the **unconfined** Dakota aquifer system based on the test hole logs that were submitted, and other area wells. To maintain consistency with processing of nearby wells, and per the safe yield criteria in K.A.R. 5-3-11, it is imperative to determine the extent of the unconfined aquifer (area of consideration). There are only a few wells in this local area, and they all appear to be sourcing the unconfined Dakota aquifer. Therefore, for these applications the extent of the unconfined Dakota aquifer system was determined to be the entire 2-mile circle of 8,042 acres. Based on a potential recharge of 3.0 inches, with 100% available for appropriation, safe yield was determined to be 2,010.62 acre-feet for File No. 49,894, and with no existing appropriations, the entire quantity of water is available. For File No. 49,895 the potential recharge is 3.1 inches, with 100% available for appropriation, safe yield was determined to be 2,077.64 acre-feet. The senior application has appropriated 528 acre-feet, leaving 1,549.64 acre-feet available for appropriation, and the application complies with safe yield criteria. Note that the junior file quantity limitation with the senior file, will result in 0 additional quantity.

The applicant identified two domestic wells within one-half mile of the proposed points of diversion, both owned by him. No nearby notification letters are required. The applicant's nearest domestic well is over 1,500 feet away. Please note that based on the requested well locations, the applicant's wells are over 3,400 feet apart. A review of the WWC-5 database shows that there are no other permitted wells within 2 miles of either well. The proposed points of diversion meet minimum well spacing to all other wells. Per the requirements in K.A.R. 5-4-4 for the unconfined Dakota aquifer system, the minimum well spacing should be one-half mile to other non-domestic wells and 1,320 feet to domestic wells.

Tom Hauschel
File Nos. 49,894 and 49,895
Page 2

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 chemicals will be injected into the water pumped under these permits, check valves will also be required.

Katie Tietsort, Water Commissioner of the Topeka Field Office, recommended approval of the referenced applications in a May 22, 2018 discussion.

Based on the above discussion, the area is open to new appropriations, the points of diversion comply with minimum well spacing criteria, the applications both comply with safe yield criteria, and their approval will not impair senior water rights, it is recommended that the referenced new applications be approved.

Doug Schemm
Environmental Scientist
Topeka Field Office

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

July 5, 2018

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

FILE COPY

RE: Appropriation of Water, File Nos. 49,894 and 49,895

Dear Mr. Hauschel:

There are enclosed permits 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 locations specified in these permits, and to use it for the purpose and at the location described in these permits.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents. Water meters are required on the proposed diversion works and you must install them prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meters should be used to provide the information required on the annual water use reports.

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 these permits. Enclosed are forms 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 these permits 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 these permits. Failure to comply with this regulation will result in the dismissal of your permits or your water rights. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00 per file number. 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 rights.

If you have any questions, please contact our office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Handwritten signature of Kristen A. Baum in cursive.

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws
Enclosures

pc: Topeka 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. 49,894** of the applicant

**TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323**

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:

- That the priority date assigned to such application is **August 24, 2017**.
- 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	
20	2S	2E	40	40	40	40													160
21	2S	2E	40	40			40	40	40	40		40							280

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Southwest Quarter of the Northeast Quarter of the Northeast Quarter (SW¼ NE¼ NE¼) of Section 20, more particularly described as being near a point 3,961 feet North and 815 feet West of the Southeast corner of said section, in Township 2 South, Range 2 East, Washington County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **1,600 gallons per minute (3.57 c.f.s.)** and to a quantity not to exceed **528 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, 2019** 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, 2023** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
15. That 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.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 33 days after this Order was mailed to you), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this 28th day of June, 2018, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

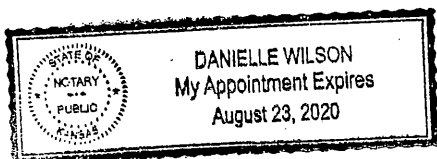
Lane P. Letourneau, P.G.
Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 28th day of June, 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

Danielle Wilson

Notary Public



CERTIFICATE OF SERVICE

On this 5th day of July, 2018, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,894, dated June 28th, 2018 was mailed postage prepaid, first class, US mail to the following:

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

With photocopies to:

Topeka Field Office



Division of Water Resources

APPLICATION COMPLETE

5/22/18

Reviewer: KAB to DWS

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

WATER RESOURCES
RECEIVED

MAR 1 2018

File Number 49894
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

KS DEPT OF AGRICULTURE

**APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE**

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

AUG 24 2017

8:01
KS DEPT OF AGRICULTURE

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

1. Name of Applicant (Please Print): TOM HAUSCHEL
Address: 3604 149TH ST
City: URBANDALE State: IA Zip Code: 50323
Telephone Number: (515) 238-4787

2. The source of water is: surface water in _____ (stream)
OR groundwater in MILL CREEK (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 528 acre-feet OR _____ gallons per calendar year,
to be diverted at a maximum rate of 1600 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. 1 GMD 0 Meets K.A.R. 5-3-1 (YES / NO) Use IRR Source G/S County WS By KAB Date 8/24/17
Code REG RE3 Fee \$ 360 TR # _____ Receipt Date 8/24/17 Check # 7023

8/28/2017 CLM

60 Days to Locate

File No. _____

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the __ quarter of the quarter of the NE quarter of Section 20, more particularly described as being near a point 3961 feet North and 815 feet West of the Southeast corner of said section, in Township 2 South, Range 2 EAST, WASHINGTON County, Kansas. **60 DAY TO LOCATE**
- (B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (¼) 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):

_____ (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 _____, 2017. Tom Hausch
Applicant's Signature

7. The proposed project for diversion of water will consist of ONE WELL
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) ~~FALL 2017~~ 4/30/18
(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 FALL 2017
(Mo/Day/Year)

WATER RESOURCES RECEIVED

MAR 1 2018

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

MAR 1 2018

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WATER RESOURCES
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KS DEPT OF AGRICULTURE

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AUG 24 2017

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KS DEPT OF AGRICULTURE

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(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

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For Office Use Only:					
F.O. <input checked="" type="checkbox"/>	GMD <input checked="" type="checkbox"/>	Meets K.A.R. 5-3-1 (YES / NO) <u>YES</u>	Use <u>IRR</u>	Source <input checked="" type="checkbox"/> S	County <u>WS</u>
Code <u>REG-RE3</u>	Fee \$ <u>360</u>	TR # _____	Receipt Date <u>8/24/17</u>	By <u>KAB</u>	Date <u>8/24/17</u>
				Check # <u>7023</u>	

8/28/2017 CUM

60 Days to Locate

File No. 49,894

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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):

(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 _____, 2017.

Tom Hausch
Applicant's Signature

7. The proposed project for diversion of water will consist of ONE WELL
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) FALL 2017 4/30/18
(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 FALL 2017
(Mo/Day/Year)

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3961 N
815 W

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9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?

Yes No If "yes", a check valve shall be required.

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

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

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

• If yes, show the Water Structures permit number here _____

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

GROUNDWATER WELL

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.

SECOND NEW APP FOR GW

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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	1/25/18			
Total depth of well	200'			
Depth to water bearing formation	185'			
Depth to static water level				
Depth to bottom of pump intake pipe				

14. The relationship of the applicant to the proposed place where the water will be used is that of OWNER
(owner, tenant, agent or otherwise)

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

(name, address and telephone number)

(name, address and telephone number)

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

Dated at 2/27/18, Kansas, this 27 day of Feb, 2018.
~~at~~ Haddam (month) (year)

Nom Hauschuf
(Applicant Signature)

510-78-4220
APPLICANT(S) SOCIAL SECURITY
IDENTIFICATION NUMBER(S)

By _____
(Agent or Officer Signature)

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

(Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO Date: 7/31/2017
(office/title)

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**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 49894

Name of Applicant (Please Print): Hauschel
TOM HERSCHEL

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: TOM HAUSCHEL

ADDRESS: 3604 149TH ST URBANDALE IA 50323

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
20	2	2E	40	40	40	40													160
21	2	2E	40	40			40	40	40	40		40							280

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	

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WATER RESOURCES RECEIVED

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
Muir	67%		
Hobbs	19		
Longford	14%		
Total:	100 %		

b. Estimate the average land slope in the field(s): 1 %

Estimate the maximum land slope in the field(s): 3 %

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

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

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

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

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

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? _____ feet

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

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

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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). MAR 1 2018

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

2/27/18
(Date)

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

Re: Application
File No. 49894

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.

Tom Hauschel
Signature of Applicant

State of ^{Four} Kansas)
County of Polk) ss

Tom Hauschel
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 27 day of February, 2018.



Brian Bailey
Notary Public

My Commission Expires:

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

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

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

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

49894

FEE SCHEDULE

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

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

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

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

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

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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WATER RESOURCES
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Sargent Drilling

INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

PO Box 367
Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-3902
1-888-496-3902

TEST HOLE LOG

CUSTOMER: Tom Hauschel	
WELL ID: TH 2017-1	
LOCATION: NE ¼, 20-T2S-R2E, Washington Co., KS	
LATITUDE: 39° 52' 5.2"	
LONGITUDE: 97° 13' 19.3"	
ELEVATION: 1,350	
FOOTAGES: SE Corner, 3961 feet from the north section line and 815 feet from the west section line.	
DATE: 1-25-2018	DRILLED BY: Scott

SWL:
PWL

<u>from feet</u>	<u>- to feet</u>	
0	20	Top soil and brown and gray clay
20	40	Gray and black clay
40	60	Gray and brown sandy clay and fine sand
60	64	Coarse sand and fine gravel
64	68	Gray sandy clay
68	80	Gray shale with hard strips
80	111	Gray shale
111	120	Sandstone with shale streaks and layer
120	135	Sandstone
74 135	136	Cement and sand stone (PD)
136	140	Sandstone and shale
140	174	Sandstone
174	185	Sandstone with medium, coarse sand and fine gravel
185	193	Gray shale
193	200	White shale with limestone, very hard (PD)

JB

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Analysis Results

The selected PD is in an area OPEN to new appropriations.

The safe yield based on the variables listed below is 2,010.62 AF.

Total prior appropriations in the circle is 1,056.00 AF. $- 1056 = 0$

Total quantity of water available for appropriation is ~~954.62~~ AF.

2010.62 AF

File # 49,894
meets safe yield

Safe Yield Variables

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

The potential annual recharge at the circle center is estimated to be 3.0 inches.

The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 09-MAY-2018 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.

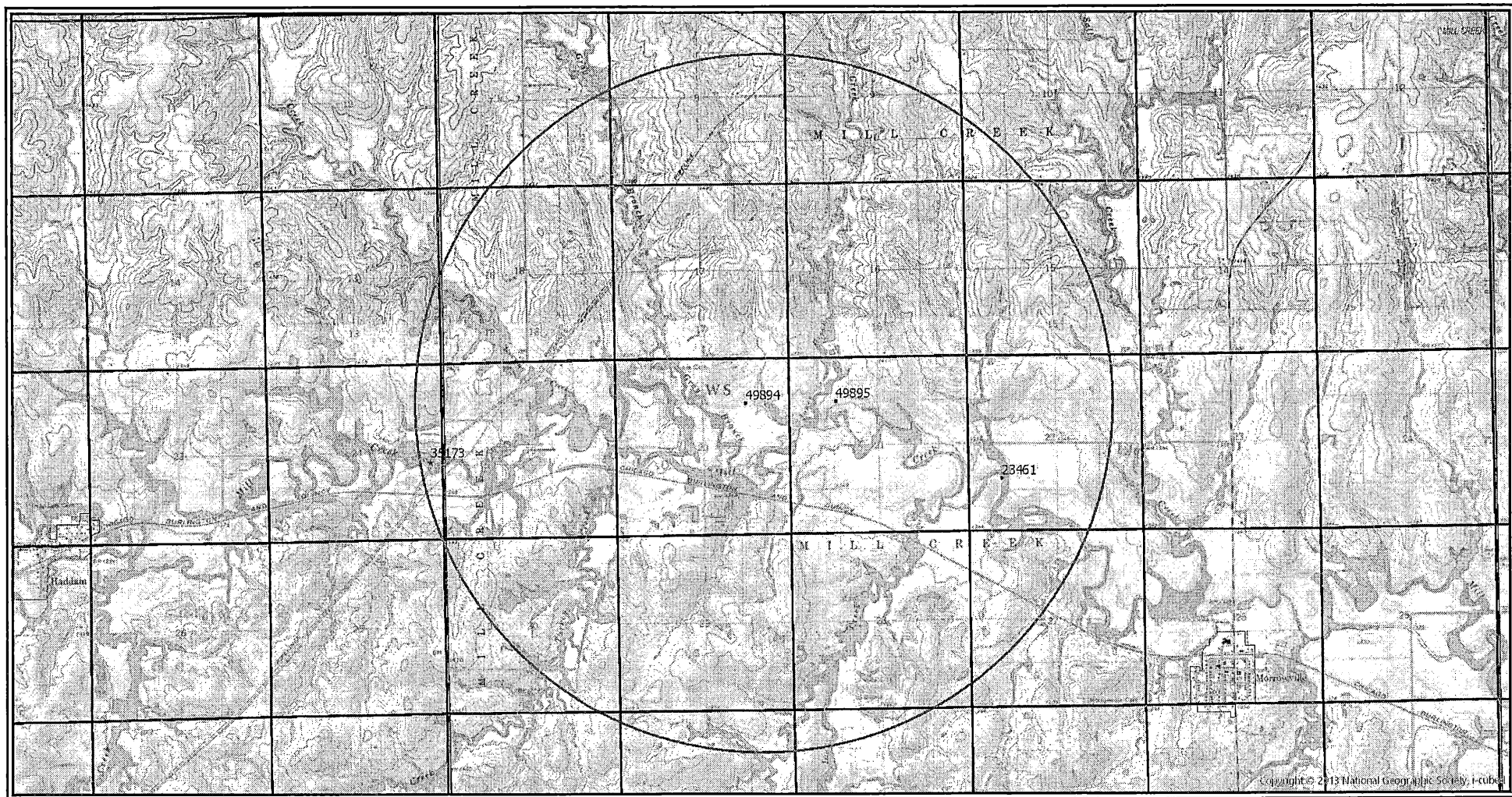
There are 2 water rights and 2 points of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 49894 00	IRR	AY	G				NE	3960	1320	20	02	02E	1	WR	528.00	528.00	440.00	440.00
A 49895 00	IRR	AY	G				NW	3960	3960	21	02	02E	1	WR	528.00	528.00	440.00	0.00

1056

#49,894

Safe Yield Report Sheet
Water Right- Proposed Point of Diversion
Point of Diversion in 20-02S-02E
Footages from SE corner- 3,961 feet North 815 feet West



#49,984

Report Date Wednesday, May 9 2018

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

3961 ft N and 815 ft W of the SE Corner of Section 20, T 2S, R 2E

Located at: 97.221668 West Longitude and 39.868113 North Latitude

GROUNDWATER ONLY

```

=====
File Number   Use ST SR Dist (mi) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit
A__ 49894 00 IRR AY G      .10 -- -- -- NE 3960 1320 20 2 2E 1          528.00 528.00 AF
A__ 49895 00 IRR AY G      .42 -- -- -- NW 3960 3960 21 2 2E 1          528.00 528.00 AF
=====

```

```

=====
Total Net Quantities Authorized:   Direct      Storage
Total Requested Amount (AF) =      1056.00      .00
Total Permitted Amount (AF) =           .00      .00
Total Inspected Amount (AF) =           .00      .00
Total Pro_Cert Amount (AF) =           .00      .00
Total Certified Amount (AF) =           .00      .00
Total Vested Amount (AF) =           .00      .00
TOTAL AMOUNT (AF) =      1056.00      .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:

97.221668 West Longitude and 39.868113 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

=====
File Number   Use ST SR
A__ 49894 00 IRR AY G
> TOM HAUSCHEL
>
> 3604 149TH ST
> URBANDALE IA 50323
>-----
A__ 49895 00 IRR AY G
> TOM HAUSCHEL
>
> 3604 149TH ST
> URBANDALE IA 50323
>-----
=====

```


49,894

INPUTS	
Target Section Definition	49,894
Section	20
Township	2
Range	2
Range Direction	E
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-97.222028
Target Latitude	39.868111

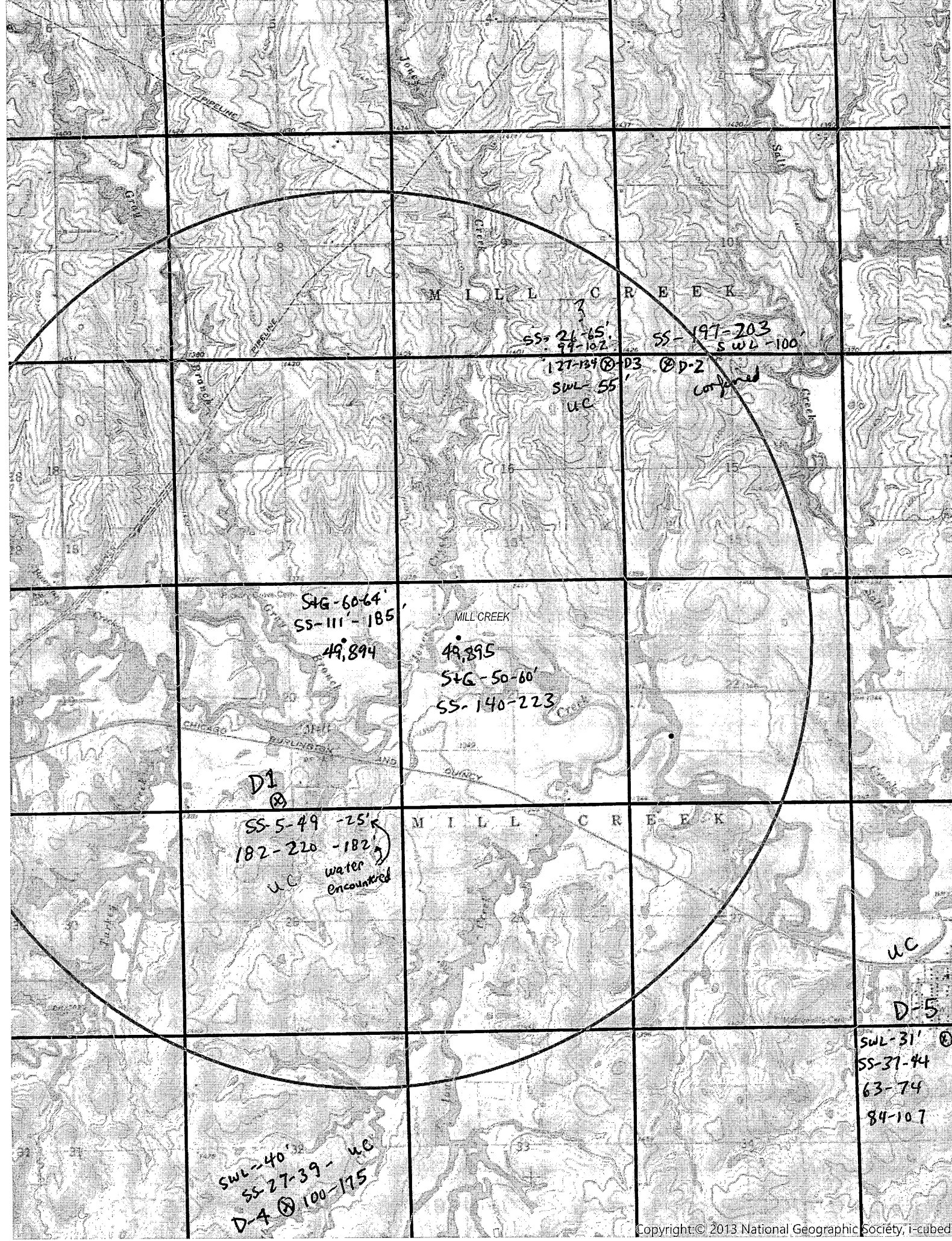
Load Data and Compute

- Instructions**
1. Enter values for section, township, range and range direction.
 2. Enter *NAD27* or *NAD83* longitude and latitude of target point.
 3. Click "Load Data and Compute" button.
 4. Use feet distances corresponding to datum of target point.

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	39.85719632	-97.23782993
NW	39.87186046	-97.23783010
NE	39.87182945	-97.21913745
SE	39.85724242	-97.21907626
Degrees Longitude per Foot		3.56222102E-06
Degrees Latitude per Foot		2.74520363E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3976	-4436
NW	-1366	-4436
NE	-1354	811
SE	3959	829

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	39.85719300	-97.23751800
NW	39.87185700	-97.23751800
NE	39.87182600	-97.21882600
SE	39.85723900	-97.21876500
Degrees Longitude per Foot		3.56222085E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3976	-4348
NW	-1364	-4348
NE	-1353	899
SE	3959	916

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes



SS-24-65'
SS-94-102'
127-134
SWL-55'
u.c.

SS-197-203
SWL-100'
D3
D-2
conformed

SS-60-64'
SS-111-185'
49,894

MILL CREEK
49,895
SS-50-60'
SS-140-223

D1
SS-5-49-25'
182-220-182'
u.c. water encountered

SWL-40'
SS-27-39- u.c.
D-4 100-175

u.c.
D-5
SWL-31'
SS-37-44
63-74
84-107



D-1

WATER WELL RECORD Form WWC-5 1119334

Division of Water Resources App. No.

[]

Well ID

[]

- Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Washington Fraction NW 1/4 SE 1/4 SE 1/4 SW 1/4 Section Number 20 Township Number T 2 S Range Number R 2 E W

2 WELL OWNER: Last Name: NUTZ First: RON Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): APPROXIMATELY 3 MILES WEST OF WASHINGTON ON HIGHWAY 36 AND 4 MILES NORTH

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S [Diagram with X in SW quadrant]

4 DEPTH OF COMPLETED WELL: 220 ft. Depth(s) Groundwater Encountered: 1) 25 ft. 2) 182 ft. 3) ... ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: ... ft. Pump test data: Well water was ... ft. after ... hours pumping ... gpm

5 Latitude: 39.8584 Longitude: 97.23063 Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: ... (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: ... 6 Elevation: 1420 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? 5 a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other HDPE CASING JOINTS: Glued Clamped Welded Threaded Casing diameter: 7.5 in. to 220 ft., Diameter: in. to ft., Diameter: in. to ft. Casing height above land surface: 48 in. Weight: lbs./ft. Wall thickness or gauge No. SDR.11 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 4 ft. to 220 ft., From ft. to ft., From ft. to ft., From ft. to ft. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) HOUSE Direction from well? N Distance from well? 18 ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-5 CLAY, 5-49 SANDSTONE, H20, 49-182 SHALE, GRAY TO TAN TO RED, 182-220 SANDSTONE >100 GPM

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 12/13/2012 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo-day-year) 02/20/2013 under the business name of Associated Drilling, Inc.

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>WASHINGTON</u>	Fraction <u>1/4 NE 1/4 NW 1/4</u>	Section Number <u>15</u>	Township Number <u>T 2 S</u>	Range Number <u>R 2 E</u> <input checked="" type="checkbox"/> <u>E</u> <input type="checkbox"/> <u>W</u>
---	--------------------------------------	-----------------------------	---------------------------------	---

2 WELL OWNER: Last Name: L'ECUYER First: PAT
 Business:
 Address: 301 S MASON STREET
 Address: 1 1/2 WEST, 3 NORTH 1/4 EAST OF
 City: MORROWVILLE State: KS ZIP: 66958
 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
MORROWVILLE

<p>3 LOCATE WELL WITH "X" IN SECTION BOX:</p> <p style="text-align: center;">N</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 25px; text-align: center;">NW</td> <td style="width: 25px; height: 25px; text-align: center;">NE</td> </tr> <tr> <td style="width: 25px; height: 25px; text-align: center;">SW</td> <td style="width: 25px; height: 25px; text-align: center;">SE</td> </tr> </table> <p style="text-align: center;">S</p> <p style="text-align: center;">----- 1 mile -----</p>	NW	NE	SW	SE	<p>4 DEPTH OF COMPLETED WELL: <u>210</u> ft.</p> <p>Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well</p> <p>WELL'S STATIC WATER LEVEL: <u>160</u> ft.</p> <p><input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> above land surface, measured on (mo-day-yr).....</p> <p>Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm</p> <p>Estimated Yield: <u>10</u> gpm Bore Hole Diameter: <u>10</u> in. to <u>210</u> ft. and in. to ft.</p>	<p>5 Latitude: <u>39° 53.085' N</u> (decimal degrees) Longitude: <u>97° 11.816' W</u> (decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:</p> <p>6 Elevation: ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other</p>
NW	NE					
SW	SE					

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input checked="" type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
--	--	---

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:

Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18 in. Weight 2.7 lbs./ft. Wall thickness or gauge No. 265

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 20.0 ft. to 210 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 210 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well

Other (Specify)

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	TOPSOIL	144	197	GRAY CLAY
3	9	TAN CLAY	197	203	SANDSTONE
9	14	BROWN CLAY	202	210	RED CLAY
14	26	TAN CLAY			
26	43	LIGHT BROWN CLAY			
43	63	TAN CLAY (SOFT)			
63	70	TAN CLAY			
70	84	GRAY CLAY			
84	144	RED CLAY			

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 4/13/2014 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo-day-year) 4/26/2014
 under the business name of BLUE VALLEY DRILLING INC. Elin

1 LOCATION OF WATER WELL
 County: WASHINGTON Fraction NE 1/4 NE 1/4 NE 1/4 Section Number 14 Township Number T 2 S Range Number R 2 EW

Distance and direction from nearest town or city? 2 N 1 1/2 W - 3/4 Street address of well if located within city?
MORROWVILLE

2 WATER WELL OWNER: CECIL GROVER
 RR#, St. Address, Box #: MORROWVILLE, KANSAS 66958 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: MORROWVILLE, KANSAS 66958 Application Number:

3 DEPTH OF COMPLETED WELL: 130 ft. Bore Hole Diameter: 8 in. to 130 ft., and 130 in. to 130 ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)
 Well's static water level: 55 ft. below land surface measured on 9 month 11 day 79 year
 Pump Test Data: Well water was NA ft. after 9 hours pumping. 11 day 79 year
 Est. Yield gpm: Well water was NA ft. after 9 hours pumping. 11 day 79 year

4 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 8 Concrete tile 11 Injection well
 2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) 12 Other (Specify below)
 Blank casing dia: 5 in. to 110 ft., Dia 110 in. to 130 ft., Dia 130 in. to 130 ft.
 Casing height above land surface: 12 in., weight 3 lbs./ft. Wall thickness or gauge No. 258
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 6 Wire wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 7 Torch cut 9 Drilled holes 10 Other (specify) 10
 Screen-Perforation Dia: 5 in. to 130 ft., Dia 130 in. to 130 ft., Dia 130 in. to 130 ft.
 Screen-Perforated Intervals: From 110 ft. to 130 ft., From 130 ft. to 130 ft., From 130 ft. to 130 ft.
 Gravel Pack Intervals: From 10 ft. to 130 ft., From 130 ft. to 130 ft., From 130 ft. to 130 ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From 0 ft. to 10 ft., From 10 ft. to 10 ft., From 10 ft. to 10 ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 Direction from well: WEST How many feet: 125? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted: 12 month 2 day 79 year: Pump Installed? Yes No
 If Yes: Pump Manufacturer's name: DARL Cox + Sons Inc Model No. 359 HP 2 Volts 79
 Depth of Pump Intake: 132 ft. Pumps Capacity rated at: 134 gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 9 month 11 day 79 year and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 359
 This Water Well Record was completed on 12 month 2 day 79 year under the business name of DARL Cox + Sons Inc by (signature) Daryl Cox

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
	0	3	TOPSOIL	134	140	BLUE CLAY w/ Rock LAYERS
	3	11	BROWN CLAY			
	11	24	BROWN CLAY			
	24	65	SANDROCK			
	65	99	RED CLAY			
	99	102	SANDROCK			
	102	124	RED CLAY			
	124	127	HARD ROCK			
	127	128	SANDROCK			
	128	132	BLUE CLAY			
ELEVATION:	132	134	SANDROCK			

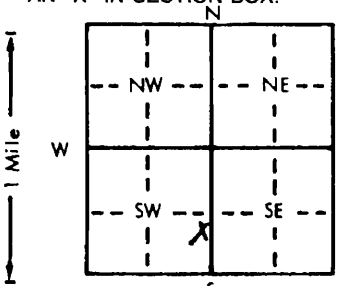
Depth(s) Groundwater Encountered 1. 132 ft. 2. 134 ft. 3. 134 ft. 4. 134 ft. (Use a second sheet if needed)

INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

D-4

1 LOCATION OF WATER WELL: Fraction NE 1/4 SE 1/4 SW 1/4 Section Number 32 Township Number T 2 S Range Number R 2 EW
 County: Washington
 Distance and direction from nearest town or city street address of well if located within city? JW 3/5 Morrowville

2 WATER WELL OWNER: Leo Moore
 RR#, St. Address, Box #: Rt. 1 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Morrowville Ks 66958 Application Number: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  DEPTH OF COMPLETED WELL: 180 ft. ELEVATION: 1420?
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 40 ft. below land surface measured on mo/day/yr: 8/9/90
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 30 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass _____ Threaded _____
 Blank casing diameter: 5 in. to 160 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 18 in., weight 300 lb lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 160 ft. to 180 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 40 ft. to 180 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 40 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage _____
 Direction from well? NE How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top soil			
3	27	Yellow + Grey Clay			
27	39	Sandstone			
39	48	Red + White Clay			
48	55	Grey Clay			
55	160	Red + White Clay			
160	175	Sandstone			
175	182	Grey Clay			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8/9/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo/day/yr) 8/10/90 under the business name of Blue Valley Drilling by (signature) Jim Smith

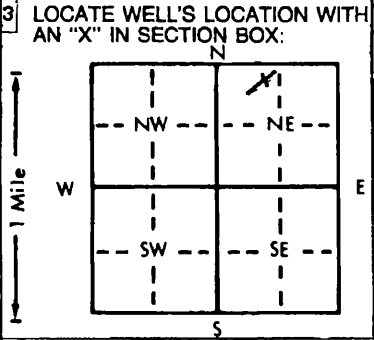
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

D-5

1 LOCATION OF WATER WELL: Fraction NE 1/4 NW 1/4 NE 1/4 Section Number 35 Township Number T 2 S Range Number R 2 E/W
 County: Washington

Distance and direction from nearest town or city street address of well if located within city? 1/2 South Morrowville KS

2 WATER WELL OWNER: Mary Synovec OR Lee Nanninga
 RR#, St. Address, Box #: RFO Morrowville Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Application Number: 39,383



4 DEPTH OF COMPLETED WELL: 105 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 71 ft. below land surface measured on mo/day/yr 8/28/91
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 250 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 16 in. to 107 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
PVC 4 ABS 7 Fiberglass _____ Threaded _____
 Blank casing diameter: 10 in. to 85 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 12 in., weight 140 lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 85 ft. to 105 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 105 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout intervals: From 0 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? North How many feet? 1400

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	Brown Clay			
7	14	White Clay			
14	37	Gray Clay			
37	44	Sandstone			
44	52	Gray Clay			
52	53	Iron stone			
53	63	Gray Clay			
63	74	Sandstone			
74	84	Gray Clay			
84	107	Sandstone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8/29/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo/day/yr) 8/29/91 under the business name of Blue Valley Drilling by (signature) Eric Abel

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 19, 2018

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Mr. Hauschel:

In response to your written request by electronic mail received in this office on June 16, 2018, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced files. The original applications were returned to you on DATE, and with this extension of time, the revised deadline will be **August 30, 2018**.

Furthermore, section 82a-710 of the Kansas Water Appropriation Act states in part, that "no application shall lose its priority of filing on account of such defects, provided acceptable data, proofs, maps, plats, plans and drawings are filed in the office of the chief engineer within thirty days following the date of the posting of the return of such application or such further time **not exceeding one year** as may be given by the chief engineer". Therefore, failure to return the completed applications and attachments within one year of the original posting date of the returned applications (August 30, 2017) shall constitute forfeiture of priority date and dismissal of the applications. Thus, **August 30, 2018 will be your final deadline**. No further extensions of time are allowable per the statute noted above.

In order to retain their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before **August 30, 2018**, or within any authorized extension of time thereof. According to law, default in re-filing of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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

pc:

SCANNED

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
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www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 5, 2018

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

FILE COPY

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895r

Dear Sir or Madam:

The Division of Water Resources returned the above referenced applications to you for additional information on August 30, 2017, and the current deadline for your response is June 24, 2018. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original applications and requested information needs to be returned to this office on or before **June 24, 2018**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **June 24, 2018**. 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 alex.whitesell@ks.gov. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Whitesell".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

SCANNED

STATE OF KANSAS



DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777

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TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

April 26, 2018

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

FILE COPY

Dear Mr. Hauschel:

In response to your written request by electronic mail received in this office on April 11, 2018, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced files. The original applications were returned to you on August 30, 2017, and with this extension of time, the revised deadline will be **June 24, 2018**.

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 their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before **June 24, 2018**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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

Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

SCANNED

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

April 5, 2018

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

FILE COPY

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895r

Dear Sir or Madam:

The Division of Water Resources returned the above referenced applications to you for additional information on August 30, 2017, and the current deadline for your response is April 24, 2018. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original applications and requested information needs to be returned to this office on or before **April 24, 2018**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **April 24, 2018**. 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 alex.whitesell@ks.gov. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Whitesell".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

SCANNED

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
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PHONE: (785) 296-3556
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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

March 5, 2018

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Mr. Hauschel:

In response to your written request by electronic mail received in this office on February 27, 2018, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced files. The original applications were returned to you on August 30, 2017, and with this extension of time, the revised deadline will be April 24, 2018.

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 their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before April 24, 2018, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Whitesell".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

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 24, 2018

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Sir or Madam:

The Division of Water Resources returned the above referenced applications to you for additional information on August 30, 2017, and the current deadline for your response is February 24, 2018. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original applications and requested information needs to be returned to this office on or before **February 24, 2018**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **February 24, 2018**. 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 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

pc:

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

December 28, 2017

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Mr. Hauschel:

In response to your written request by electronic mail received in this office on October 11, 2017, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced files. The original applications were returned to you on August 30, 2017, and with this extension of time, the revised deadline will be **February 24, 2018**.

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 their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before **February 24, 2018**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

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 28, 2017

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

FILE COPY

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Sir or Madam:

The Division of Water Resources returned the above referenced applications to you for additional information on August 30, 2017, and the current deadline for your response is December 24, 2017. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original applications and requested information needs to be returned to this office on or before **December 24, 2017**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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Sincerely,

A handwritten signature in blue ink, appearing to read "Alex Whitesell".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

October 18, 2017

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Mr. Hauschel:

In response to your written request by electronic mail received in this office on October 11, 2017, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced files. The original applications were returned to you on December 24, 2017, and with this extension of time, the revised deadline will be **December 24, 2017**.

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 their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before **December 24, 2017**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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

Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

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

September 28, 2017

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

COPY

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Sir or Madam:

The Division of Water Resources returned the above referenced applications to you for additional information on August 30, 2017, and the current deadline for your response is October 24, 2017. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original applications and requested information needs to be returned to this office on or before **October 24, 2017**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc:

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

August 30, 2017

FILE COPY

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

Re: Pending Applications,
File Nos. 49,893; 49,894 and 49,895

Dear Mr. Hauschel:

After a preliminary review of your above referenced applications for permits to appropriate water received in this office on August 24, 2017, they are being returned to you for additional information. In your original applications, you requested a 60-day period of time in which to determine the precise locations for your points of diversion within specified quarter section tracts of land described as:

- the Northeast Quarter (NE¹/₄) of Section 36, in Township 1 South, Range 1 East, Washington County, Kansas
- the Northeast Quarter (NE¹/₄) of Section 20, in Township 2 South, Range 2 East, Washington County, Kansas
- the Northwest Quarter (NW¹/₄) of Section 21, in Township 2 South, Range 2 East, Washington County, Kansas

Once you've determined the precise locations for your points of diversion, complete the rest of Paragraph No. 5 for each of your applications 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 locations of the points of diversion must also be plotted on the topographical map(s) included.

The locations of all other water wells of every kind within one-half mile (¹/₂) of the points of diversion must be plotted on the topographical map(s) 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(s) declaring that all wells within one-half mile (¹/₂) of the points of diversion have been plotted, or it should declare that none exist. Please provide this information once you have established your points of diversion and **sign the maps where indicated**.

Paragraph No. 13 of the application requests well information so the source of supply of the proposed wells may be determined. Pursuant to K.A.R. 5-3-4d, this office requires a stratigraphic log of wells or test holes within 300 feet of the proposed points of diversion. Please supply the indicated information and test hole logs or driller's logs with the returned applications. Also, the enclosed "Minimum Desirable Streamflow" form must be signed and notarized.

(over)

SCANNED

Hauschel
August 30, 2017
Page 2 of 2

In order to retain their priority of filing, the original applications and attachments must be returned to this office with the requested information on or before **October 24, 2017**, or within any authorized extension of time thereof. According to law, default in refiling of the completed applications and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the applications.

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". The signature is fluid and cursive, with a long horizontal stroke at the end.

Alex Whitesell
Environmental Scientist
Water Appropriation Program

enclosures
pc:



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

August 24, 2017

TOM HAUSCHEL
3604 149TH ST
URBANDALE IA 50323

FILE COPY

RE: Application
File No. 49894

Dear Sir or Madam:

Your application for permit to appropriate water in 20-2S-2E in Washington County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: TOPEKA Field Office
GMD

TOM HAUSCHEL - SITE MAP

SECS. 20 & 21, T2S, R2E 49894



1:24,000



WATER RESOURCES RECEIVED
Proposed Place of Use

AUG 24 2017

KS DEPT OF AGRICULTURE

All known wells within one-half mile of the proposed point of diversion are shown on this map.

Tom Hauschel
WATER RESOURCES RECEIVED

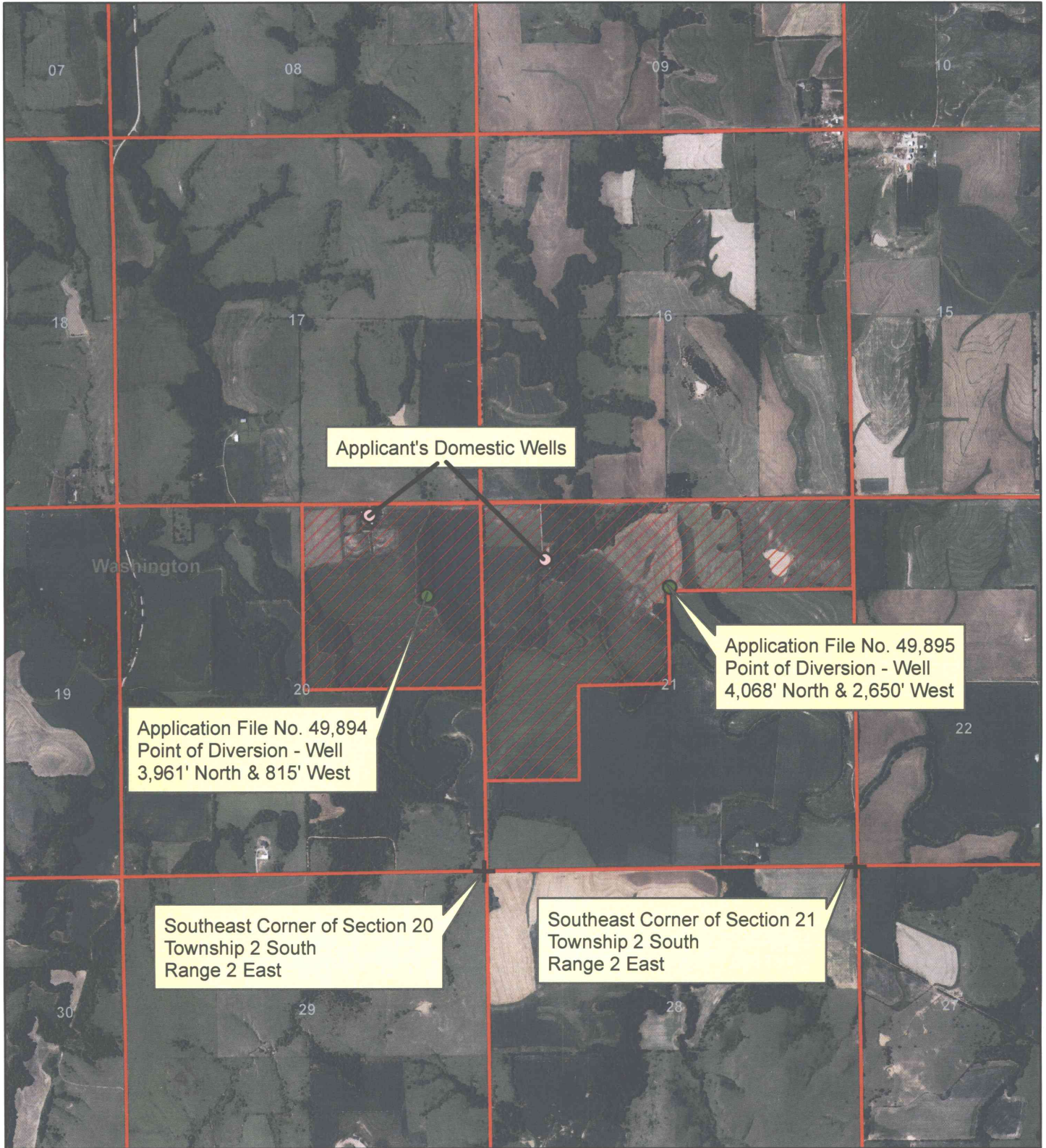
SCANNED

MAR 1 2018

KS DEPT OF AGRICULTURE



TOM HAUSCHEL - SITE MAP
FILE NOS. 49,894 & 49,895
SECS. 20 & 21, T2S, R2E



1:24,000

- Proposed Points of Diversion
- ▨ Proposed Place of Use

All known wells within one-half mile of the proposed point of diversion are shown on this map.

