

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

1. File Number: <p style="text-align: center; font-size: 1.2em;">50,159</p>	2. Status Change Date: <p style="text-align: center; font-size: 1.2em;">2/11/2019</p>	3. Field Office: <p style="text-align: center; font-size: 1.2em;">01</p>	4. GMD: <p style="text-align: center; font-size: 1.2em;">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) New to system <input type="checkbox"/> Person ID <u>21005</u> Add Seq# _____</p> <p>POTTAWATOMIE RWD 02 MANAGER PO BOX 5 OLSBURG KS 66520</p>	<p>7c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p> <p>CITY OF OLSBURG PO BOX 127 OLSBURG KS 66520-0127</p>
<p>7b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p> <p>Ken Kopp PG Kansas Rural Water Assn 2707 SW College Ave Topeka KS 66611-1647</p>

<p>8. WUR Correspondent New to system <input type="checkbox"/> Person ID _____ Add Seq# _____ Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No Notarized WUC Form <input type="checkbox"/></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 type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input checked="" 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: **12/31/2020** 11. Perfection Date: **12/31/2039** 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: **1/24/2019** By: **DWS**
Date Entered: **2/12/2019** By: **UM**

File No. 50,159	15. Formation Code: 100	Drainage Basin: BIG BLUE RIVER	County: PT	Special Use:	Stream:																																																																																																																																																																											
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19. Limitation: 63.6 MGY at _____ gpm (_____ cfs) when combined with file number(s) File Nos. 40,510 & 40,511 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s)																																																																																																																																																																																
20. Meter Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To be installed by 12/31/2020 Date Acceptable Meter Installed _____																																																																																																																																																																																
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Comments: *File Nos. 40,203; ⁴⁰⁵¹⁰ 40,159; 40,511 & 49,391 **File Nos. 21,099; 24,224; 40,510; 40,511; 43,757; 43,758; 46,442; 46,443; 49,020; 49,030; 49,417; 49,420; 49,421; and 50,104.																																																																																																																																																																																

Action trail: reserved WR from land (part of land)

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: January 24, 2019

FROM: Doug Schemm

RE: Application, File No. 50,159

Pottawatomie County RWD #2 has filed the referenced application to appropriate 63.6 million gallons (195.18 acre-feet) of groundwater per calendar year at a diversion rate not to exceed 315 gallons per minute from an existing two well battery. The battery of wells is located in the Southeast Quarter of Section 22, Township 6 South, Range 7 East, in Pottawatomie County, in the Big Blue River drainage basin. The application form was signed by the manager of the District, stating that they have access to the point of diversion. The proposed point of diversion and place of use overlap with File Nos. 40,510 and 40,511. The applicant was assisted by KRWA staff.

Per a memorandum (dated February 16, 2015 by Katie Tietsort) in File No. 40,511, File Nos. 24,224 and 40,269 (owned by Pottawatomie County RWD #1) and File Nos. 40,203 and 49,391-A (owned by the City of Olsburg) can serve the place of use through interconnections between these entities. However, any specified limitations in quantity under this pending application will be pertinent to File Nos. 40,510 and 40,511 only. The proposed place of use is within the boundaries of the City of Olsburg and immediate vicinity and within the boundaries of Rural Water District No. 2, Pottawatomie County and immediate vicinity.

Per information submitted by the applicant on their Municipal Supplemental Sheet, the population within the service areas of the District is projected to increase from 800 people in 2017 to 1,134 people in 2038 (an increase of 334). Water needs increase from 34 million gallons to 63.6 million gallons. The application indicates that current District usage is equivalent to 87.7 gallons per capita per day (GPCD). The 2012 Kansas Municipal Water Use publication indicates that Pottawatomie County RWD No. 1 and Pottawatomie County RWD No. 2 used 118 and 131 GPCD, while the regional average for medium sized public water suppliers in Region 7 was 99 GPCD. The estimated water demand based on a 20 year population projection and the regional average 99 GPCD is 41 million gallons (1,134 people X 99 GPCD X 365 days). The applicant also projected bulk water sales of 21 million gallons, for a total estimated quantity of 62 million gallons. Allowing for some water loss, the requested quantity of 63.6 million gallons is certainly justified and reasonable.

File No. 40,510 is authorized 25 million gallons at a diversion rate of 300 gpm, while File No. 40,511 is authorized 25 million gallons at 300 gpm, limited to 36.639 million gallons and 315 gpm with the senior file. It is proposed that this new application be limited to 63.6 million gallons with the senior files, providing 26.961 million gallons of additional water. No rate limitation is necessary because the combined rate is less than the maximum of 800 gpm for a battery of wells.

The applicant identified two non-domestic wells within one-half mile and notification letters were sent out on December 4, 2018. No responses of any kind were received. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be 1,320 feet to non-domestic wells and 660 feet to domestic wells, and spacing is met. The nearest domestic well is over one-half mile away, and the nearest non-domestic well is over 2,200 feet away.

The senior files indicate that the source of supply is glacial deposits. However, based on geologic maps, nearby well logs, and the geographical location of the wells, it appears that the source of supply is Big Blue River alluvial deposits. Bob Vincent (the District's consultant) also stated that the source of water is alluvial deposits. Well logs show clay extending to 43 feet below ground surface, underlain by chert gravels with some interbedded sand, to a depth of 110 feet where shale and limestone bedrock was encountered. Static water level was approximately 37 feet below ground surface. As typical for these types of wells, the primary aquifer is the sand and gravel layer lying directly on top of the bedrock surface.

Nearby well logs do not show the glacial deposits extending onto the bluffs in the eastern portion of the area of consideration, with only bedrock encountered and no or very limited gravel. In keeping with similar files, it was determined that the extent of the alluvium is most representative of the source of supply. Per K.A.R. 5-3-11, the area of consideration was based on the extent of the alluvium, which was determined to be 3,576 acres. Thus 3,576 acres x 3.3 inches of recharge x 100% recharge available / 12 provides a safe yield of 983.27 acre-feet. Prior appropriations total 336.44 acre-feet, leaving 646.83 acre-feet available and the application requesting 63.6 million gallons (195.18 acre-feet) meets safe yield.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

Katie Tietsort, Water Commissioner of the Topeka Field Office, gave verbal recommendation that the referenced application be approved on December 19, 2018. Based on the above discussion, the area is open to new appropriations, the additional quantity of water will help the District meet future water demands, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

1320 Research Park Drive
Manhattan, KS 66502
785-564-6700
www. agriculture.ks.gov



900 SW Jackson, Room 456
Topeka, KS 66612
785-296-3556

Mike Beam, Acting Secretary

Laura Kelly, Governor

FILE COPY

POTTAWATOMIE RWD 02
MANAGER
PO BOX 5
OLSBURG KS 66520

February 15, 2019

Re: Appropriation of Water, File No. 50,159

Dear Sir or Madam:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

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

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws
Enclosures

pc: Topeka Field Office
KWA - Ken Kopp

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Acting 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. 50,159** of the applicant

**POTTAWATOMIE RWD 02
MANAGER
PO BOX 5
OLSBURG KS 66520**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **November 09, 2018**.
2. That the water sought to be appropriated shall be used for municipal use within the City of Olsburg, Kansas and the immediate vicinity, and within the boundaries of Pottawatomie County Rural Water District No. 2 and the immediate vicinity.
3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a battery of (2) wells with a geographic center located in the Southeast Quarter of the Southwest Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 22, more particularly described as being near a point 158 feet North and 1,943 feet West of the Southeast corner of said section, in Township 6 South, Range 7 East, Pottawatomie 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 **315 gallons per minute** (0.702 c.f.s.) and to a quantity not to exceed **63.6 million gallons** (195.18 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, 2020** 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, 2039** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
12. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
13. 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.
14. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
15. 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.
16. 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.

17. That the permit holder shall submit a progress report to the office of the Chief Engineer by March 1, following the tenth full calendar year after the permit was issued. The progress report must be submitted on a form prescribed by the Chief Engineer, and shall compare annual water use projected in the original application with the actual annual water use for the prior 10 years. The progress report must document compliance with the approved conservation plan, contain sufficient details to determine the extent of perfection of the water right during the previous ten years, and demonstrate how the water right, in association with other water rights, meets the municipal use need.

18. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 40,510 and 40,511, will provide a **total not to exceed 63.6 million gallons** of water per calendar year for municipal use from the point of diversion described herein.

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 11th day of February, 2019, in Manhattan, Riley 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 11th day of February, 2019, 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 15th day of February, 2019, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 50,159, dated February 11, 2019 was mailed postage prepaid, first class, US mail to the following:

POTTAWATOMIE RWD 02
MANAGER
PO BOX 5
OLSBURG KS 66520

With photocopies to:

Ken Kopp PG
Kansas Rural Water Assn
2707 SW College Ave
Topeka KS 66611-1647

Topeka Field Office

Danielle Wilson
Division of Water Resources

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 50159
This item to be completed by the Division of Water Resources.

Water Resources
Received
NOV 09 2018
10:01
KS Dept Of Agriculture

APPLICATION COMPLETE
12/19/18
Reviewer KAB

**APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE**
Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

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

1. Name of Applicant (Please Print): Pottawatomie County Rural Water District No. 2
Address: P.O. Box 5
City: Olsburg State KS Zip Code 66520
Telephone Number: (785) 468-3542

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

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

3. The maximum quantity of water desired is _____ acre-feet OR 63.6 MGY gallons per calendar year, to be diverted at a maximum rate of 315 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 MUN Source G/S County PT By DAW Date 11/9/18
Code RED Fee \$ 300 TR # _____ Receipt Date 11/9/18 Check # 1757

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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 **SE** quarter of the **SW** quarter of the **SE** quarter of Section **22**, more particularly described as being near a point **158** feet North and **1943** feet West of the Southeast corner of said section, in Township **6** South, Range **7 East**, **Pottawatomie** County, Kansas. (**Geographic Center – Battery of 2 wells.**)
- (B) One in the **SE** quarter of the **SW** quarter of the **SE** quarter of Section **22**, more particularly described as being near a point **254** feet North and **1948** feet West of the Southeast corner of said section, in Township **6** South, Range **7 East**, **Pottawatomie** County, Kansas. (**Well No. 1**)
- (C) One in the **SE** quarter of the **SW** quarter of the **SE** quarter of Section **22**, more particularly described as being near a point **61** feet North and **1937** feet West of the Southeast corner of said section, in Township **6** South, Range **7 East**, **Pottawatomie** County, Kansas. (**Well No. 2**)
- (D) One in the ____ quarter of the ____ quarter of the ____ quarter of Section ____, more particularly described as being near a point ____ feet North and ____ feet West of the Southeast corner of said section, in Township ____ South, Range ____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

Same as applicant: Pottawatomie County Rural Water District No 2
(name, address and telephone number)

P.O. Box 5 - Olsburg, Kansas 66520
(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 NOVEMBER 5, 2018 _____
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of **An existing battery of two (2) wells.**
(number of wells, pumps or dams, etc.)

and was completed **1997**
(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 **1997**.

Water Resources

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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 _____

No surface water impoundment proposed.

- 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.

DWR File Nos. 40,510 and 40,511

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13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

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

Agent
(owner, tenant, agent or otherwise)

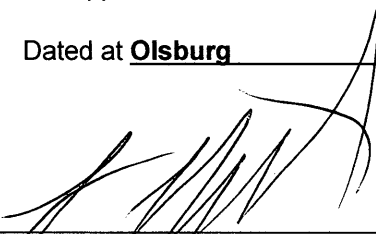
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

Same as applicant: Within the boundaries of Pottawatomie County Rural Water District No. 2
(name, address and telephone number)

PO Box 5 - Olsburg, Kansas 66520
(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 Olsburg, Kansas, this 5 day of NOVEMBER, 2018
(month) (year)



(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Water Resources
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KS Dept Of Agriculture

Assisted by Kenneth A. Kopp, P.G. Kansas Rural Water Association Date: _____
(office/title)

NOVEMBER 5, 2018
(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. 50159

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.

[Handwritten Signature]


Signature of Applicant

LYNN WEBSTER

(Print Applicant's Name)

State of Kansas)
) ss
County of POTTAWATOMIE)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 5 day of NOVEMBER 20 18.

NOTARY PUBLIC - State of Kansas
 TAMARA HOWLAND
My Appt. Exp. JULY 16, 2022

[Handwritten Signature]

Notary Public

My Commission Expires: 7-16-22

Water Resources
Received
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MUNICIPAL (PUBLIC WATER SUPPLY) APPLICATION SUPPLEMENTAL INFORMATION SHEET

Application File Number

(assigned by DWR)

SECTION 1: PRESENT WATER USE SUMMARY (IF NO PREVIOUS MUNICIPAL WATER USE HAS BEEN UTILIZED, PROCEED TO SECTION 3)
NOTE: WORKSHEET FOR WATER PUMPED, PURCHASED, AND SOLD BY YOUR WATER DISTRIBUTION SYSTEM.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Below Explanation)
34,246,000	1,706,000	308,000	10,040,000	17,026,000	2,734,000	5,844,000
TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

UNACCOUNTED FOR WATER = TOTAL WATER - ACCOUNTED FOR WATER

- Column 1: The amount of raw water diverted from all of your points of diversion.
- Column 2: The amount of water purchased wholesale from all other public water supply systems or the Kansas Water Office.
- Column 3: The amount of water sold wholesale to all other public water supply systems.
- Column 4: The amount of water sold retail to all industrial, pasture, stockwater, feedlot, and bulk water service connections. Include the amount of water sold to all farmsteads using at least 200,000 gallons of water per year.
- Column 5: The amount of water sold retail to your residential and commercial customers and to industries and farmsteads using less than 200,000 gallons of water per year.
- Column 6: The amount of water used that is metered at individual service connections and supplied free, such as for public service, treatment processes, and connections receiving free water.
- Column 7: The amount of remaining water used. The gallons reported in this column are found by adding the numbers in Columns 1 and 2 and subtracting the numbers in Columns 3, 4, 5, and 6.

UNACCOUNTED FOR WATER

Use the following to calculate your distribution system's Unaccounted For Water:

Start with the amount in Column 1 and add the amount in Column 2, then subtract the amounts in Columns 3, 4, 5, and 6 leaving an amount of water representing your unaccounted for water to enter in Column 7

Use the following to calculate the percent Unaccounted For Water versus the Total Water of your system:

$$\text{Percent Unaccounted For Water} = \frac{\text{Unaccounted For Water}}{\text{Total Water (Columns 1,2)}} \times 100$$

If this number exceeds 20%, please explain the large amount of unaccounted for water and describe any steps being taken to reduce it.

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KS Dept Of Agriculture

SECTION 2: PAST WATER USE
COMPLETE THE FOLLOWING TABLE FROM YOUR PAST WATER USE RECORDS.

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
	Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Above Explanation)
5 years ago	11,602,000	18,772,000	2,633,000	1,463,000	17,103,000	0	9,175,000
15 years ago	39,407,000	7,115,000	2,924,000	9,988,000	19,807,000	130,000	13,673,000
10 years ago	37,107,000	6,138,000	2,685,000	7,455,000	19,524,000	0	13,581,000
5 years ago	36,047,000	5,008,000	2,969,000	10,237,000	19,773,000	927,000	7,149,000
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

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50159

SECTION 3: PROJECTED FUTURE WATER NEEDS

PLEASE COMPLETE THE FOLLOWING TABLE SHOWING YOUR FUTURE WATER REQUIREMENTS FOR THE NEXT 20 YEARS:

	Column 1 Raw Water Diverted Under Your Rights	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Other Public Water Suppliers	Column 4 Water Sold to Your Industrial, Stock, and Bulk Customers	Column 5 Water Sold to Your Residential and Commercial Customers	Column 6 Other Metered Water	Column 7 Remaining Water Used (See Explanation on other side)
Year 5	48,625,000	1,000,000	1,000,000	13,125,000	24,500,000	2,000,000	9,000,000
Year 10	53,650,000	1,000,000	1,000,000	15,750,000	26,400,000	2,000,000	9,500,000
Year 15	58,675,000	1,000,000	1,000,000	18,375,000	28,300,000	2,000,000	10,000,000
Year 20	63,600,000	1,000,000	1,000,000	21,000,000	30,100,000	2,000,000	10,500,000
TOTAL WATER = Columns 1 + 2			ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6				UNACCOUNTED FOR WATER

SECTION 4: POPULATION AND SERVICE CONNECTIONS

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW:
(CENSUS BUREAU INFORMATION)

LAST 20 YEARS	POPULATION
20 years ago	386
15 years ago	507
10 years ago	610
5 years ago	625
Last Year	800

PROJECTED FUTURE POPULATION

ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

NEXT 20 YEARS	POPULATION
Year 5	933
Year 10	1000
Year 15	1067
Year 20	1134

Provide number of current active service connections:

292 Residential 0 Industrial 7 Other (specify) _____
0 Commercial 27 Pasture/ Stockwater/ Feedlot 326 Total

SECTION 5: PRESENT GALLONS PER PERSON PER DAY

CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 ÷ Population ÷ 365 Days/Year = Gallons per Person per Day

25,604,000 ÷ 800 ÷ 365 Days/Year = 87.7 GALLONS PER PERSON PER DAY.
 Amount of water in Columns 5, 6, and 7 of Section 1 Population from Last Year of Section 4

SECTION 6: AREA TO BE SERVED

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): _____

Within the boundaries of Pottawatomie County RWD No 2

City of Olsburg and immediate vicinity

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

Water Resources Received
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 KS Dept Of Agriculture

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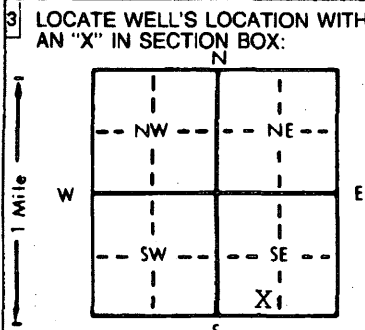
50159

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

1 LOCATION OF WATER WELL: County: POTTAWATOMIE	Fraction SE 1/4 SW 1/4 SE 1/4	Section Number 88 22	Township Number T 6 S	Range Number R 7 E/W
----------------------------------------------------------	-----------------------------------------	--------------------------------	---------------------------------	--------------------------------

Distance and direction from nearest town or city street address of well if located within city?
5 north, 1/2 west of Olsburg, KS

2 WATER WELL OWNER: **Pottawatomie Co. RWD #2**
 RR#, St. Address, Box #: **Rt. 1 Box 36** WELL #2 - South Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Oldsburg, KS 66520** Application Number:



4 DEPTH OF COMPLETED WELL: **93'** ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL **37'-7"** ft. below land surface measured on **mo/day/yr 2/17/97**

Pump test data: Well water was **41'-5"** ft. after **12** hours pumping **457** gpm
 Est. Yield **457** gpm: Well water was **41'-8"** ft. after **24** hours pumping **457** gpm

Bore Hole Diameter **30"** in. to 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)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes **X** No If yes, mo/day/yr sample was sub-
 mitted Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded X
		7 Fiberglass		Threaded

Blank casing diameter **12"** in. to **0-70** ft., Dia **12"** in. to **90-93** ft., Dia in. to ft.
 Casing height above land surface in., weight **49.56** lbs./ft. Wall thickness or gauge No. **.375**

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)
			9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: **JOHNSON .100** 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 **70** ft. to **90** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **49** ft. to **93** 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 **5** ft. to **25** ft., From **25** ft. to **49** 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	13	Silt-Brown			
13	24	Clay-Brown-Silty			
24	35	Chert 1/4 x 1/2 x 1			
35	47	Clay-Brown			
47	55	Chert 1/4 x 1/2			
55	80	FS-CS-Med-Pea Gravel-Brown			
80	97	FS-CS-Med-Pea Gravel-Brown-Chert Gravel 1/4 x 1/2 - Blue			
97	100	Limestone-Grey			

Water Resources
Received
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KS Dept Of Agriculture

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) **2/17/97** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **182** This Water Well Record was completed on (mo/day/yr) **3-27-97** under the business name of **STRADER DRILLING CO., INC.** by (signature) *Walter Strader*

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

SCANNED

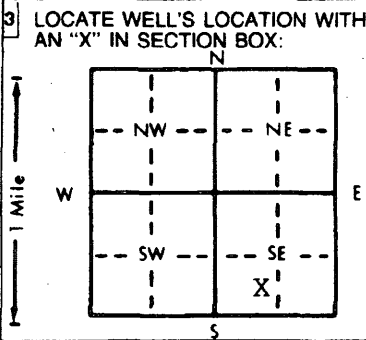
50159

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

1 LOCATION OF WATER WELL: County: POTTAWATOMIE	Fraction SE 1/4 SW 1/4 SE 1/4	Section Number 22	Township Number T 6 S	Range Number R 7 E/W
----------------------------------------------------------	-----------------------------------------	-----------------------------	---------------------------------	--------------------------------

Distance and direction from nearest town or city street address of well if located within city?
5 north, 1/2 west of Oldsburg, KS

2 WATER WELL OWNER: **Pottawatomie Co. RWD #2**
 RR#, St. Address, Box #: **Rt. 1 Box 36** WELL #1 - North Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Oldsburg, KS 66520** Application Number:



4 DEPTH OF COMPLETED WELL... **98'** ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL .. **37'-2"** ft. below land surface measured on mo/day/yr .. **2/11/97**

Pump test data: Well water was **40'-7"** ft. after **12** hours pumping .. **457** gpm

Est. Yield **457** gpm; Well water was **39'-11"** ft. after **24** hours pumping .. **457** gpm

Bore Hole Diameter .. **30"** in. to .. 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		10 Monitoring well
		12 Other (Specify below)

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

Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued ..	Clamped ..
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded ..	X
		7 Fiberglass		Threaded ..	

Blank casing diameter .. **12"** in. to .. **0-75** ft., Dia .. in. to .. ft., Dia .. in. to .. ft.

Casing height above land surface .. **49.56** in., weight .. lbs./ft. Wall thickness or gauge No. .. **.375**

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)
			9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: **JOHNSON** 5 Gauzed wrapped 8 Saw cut 11 None (open hole)

1 Continuous slot	3 Mill slot	.100 slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched		7 Torch cut	10 Other (specify)

SCREEN-PERFORATED INTERVALS: From .. **75** ft. to .. **95** ft., From .. ft. to .. ft.

GRAVEL PACK INTERVALS: From .. **53** ft. to .. **98** ft., From .. ft. to .. ft.

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

Grout Intervals: From .. **5** ft. to .. **25** ft., From .. **25** ft. to .. **53** 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? **none within 1/2 mile** How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil	98	110	FS-Cs-Med-Pea Gravel-Brown-
1	9	Clay-Brown-Silty			Chert 1/4x1/2-Blue
9	15	Fine Silt-Brown	110	111	Shale-Grey
15	28	Clay-Brown-Silty	111	112	Limestone-Grey
28	37	Chert Gravel 1/4x1/2x1			
37	43	Clay-Brown-Silty			
43	51	Chert Gravel 1/4x1/2x1			
51	52	Boulders			
52	53	Clay-Grey			Water Resources
53	58	Chert 1/4x1/2			Received
58	60	FS-CS-Med-Pea Gravel-Brown			NOV 09 2018
60	68	FS-Brown			
68	85	FS-CS-Med Pea Gravel-Brown			
85	90	FS-CS-Med-Pea Gravel-little bit dirty			KS Dept Of Agriculture
90	98	FS-Cs-Med-Pea Gravel-Brown-Clean			

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) .. **2/11/97** .. and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. .. **182** .. This Water Well Record was completed on (mo/day/yr) .. **3-27-97** .. under the business name of **STRADER DRILLING CO., INC.** by (signature) *Dale Dakron*

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

SCANNED

Analysis Results

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

The safe yield based on the variables listed below is 983.27 AF.

Total prior appropriations in the circle is 336.44 AF. *✓OK*

Total quantity of water available for appropriation is 646.83 AF.

File # ~~78~~ 50,159
meets safe yield

Safe Yield Variables

The area used for the analysis is set at 3,576 acres.

The potential annual recharge at the circle center is estimated to be 3.3 inches.

The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 17-DEC-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.

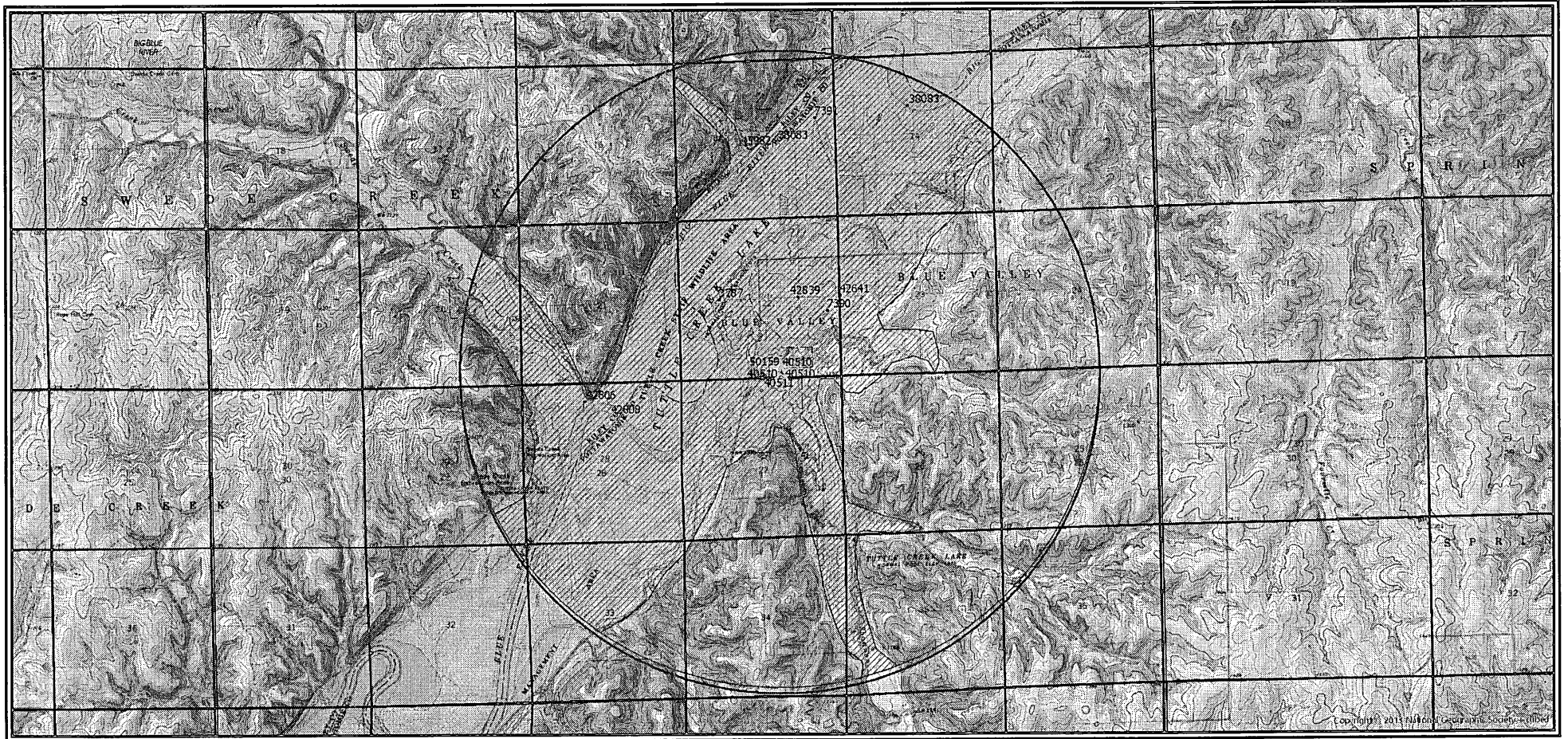
There are 6 water rights and 6 points of diversion within the circle.

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 7390 00	IRR	NK	G		SE	NE	SE	0	0	22	06	07E	2	WR	76.00	76.00	71.20	71.20
A 40510 00	MUN	NK	G		SE	SW	SE	254	1948	22	06	07E	4	WR	76.72	76.72 ✓		
Same	MUN	NK	G		SE	SW	SE	61	1937	22	06	07E	3	WR				
Same	MUN	NK	G		SE	SW	SE	158	1943	22	06	07E	5	WR				
A 40511 00	MUN	NK	G		SE	SW	SE	254	1948	22	06	07E	4	WR	76.72	35.72 ✓		
Same	MUN	NK	G		SE	SW	SE	61	1937	22	06	07E	3	WR				
Same	MUN	NK	G		SE	SW	SE	158	1943	22	06	07E	5	WR				
A 42641 00	IRR	NK	G		NW	NW	SE	2619	5193	23	06	07E	1	WR	67.00	67.00	109.00	109.00
A 42839 00	IRR	NK	G			NC	E2	2636	1345	22	06	07E	6	WR	81.00	81.00	103.00	103.00
A 50159 00	MUN	AY	G		SE	SW	SE	254	1948	22	06	07E	4	WR	195.18	0.00 ✓		
Same	MUN	AY	G		SE	SW	SE	61	1937	22	06	07E	3	WR				
Same	MUN	AY	G		SE	SW	SE	158	1943	22	06	07E	5	WR				

Limitations

File Number	Seq Num	Limitations
A 40511 00	2	36.639 MGY @ 315 GPM COM/W #40510 ✓ (112.44AF) 76.72 + 35.72 = 112.44AF

Safe Yield Report Sheet
Water Right- A5015900
Point of Diversion in 22-06S-07E
Footages from SE corner- 254 feet North 1,948 feet West



AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50159 00 MUN

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

158 Feet North and 1943 Feet West of the Southeast Corner of Section 22 T 6S R 7E

GROUNDWATER ONLY

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=====
File Number   Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit
A__  7390 00 IRR NK G      2204 -- SE NE SE ----- 22 6 7E 2          76.00 76.00 AF
A__  40510 00 MUN NK G      0 -- SE SW SE 158 1943 22 6 7E 5 G 2 76.72 76.72 AF
Same          97 -- SE SW SE 61 1937 22 6 7E 3 B 2
Same          96 -- SE SW SE 254 1948 22 6 7E 4 B 2
A__  40511 00 MUN NK G      0 -- SE SW SE 158 1943 22 6 7E 5 G 2 76.72 35.72 AF
Same          97 -- SE SW SE 61 1937 22 6 7E 3 B 2
Same          96 -- SE SW SE 254 1948 22 6 7E 4 B 2
A__  42641 00 IRR NK G    3193 -- NW NW SE 2619 5193 23 6 7E 1          67.00 67.00 AF
A__  42839 00 IRR NK G    2549 -- -- NC E2 2636 1345 22 6 7E 6          81.00 81.00 AF
A__  50159 00 MUN AY G      0 -- SE SW SE 158 1943 22 6 7E 5 G 2 195.18 .00 AF
Same          97 -- SE SW SE 61 1937 22 6 7E 3 B 2
Same          96 -- SE SW SE 254 1948 22 6 7E 4 B 2
=====

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=====
Total Net Quantities Authorized:   Direct      Storage
Total Requested Amount (AF) =      .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) =    336.44        .00
Total Vested Amount (AF) =      .00          .00
TOTAL AMOUNT (AF) =    336.44        .00
=====

```

An * after the source of supply indicates a pending application for change under the file number.
 An * after the ID indicates a 15 AF exemption was granted under 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:

158 Feet North and 1943 Feet West of the Southeast Corner of Section 22 T 6S R 7E

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

=====
File Number   Use ST SR
A__  7390 00 IRR NK G
> DONALD HOLT
>
> PO BOX 67
> OLSBURG KS 66520
-----
A__  40510 00 MUN NK G
> POTTAWATOMIE RWD 02
> MANAGER
> PO BOX 5
> OLSBURG KS 66520
-----
A__  40511 00 MUN NK G
> POTTAWATOMIE RWD 02

```

> MANAGER
> PO BOX 5
> OLSBURG KS 66520

A__ 42641 00 IRR NK G
> EVA L HOLT
>
> 122 S 1ST ST
> OLSBURG KS 66520

A__ 42839 00 IRR NK G
> AA STOCK FARMS INC
>
> 19145 SHANNON CREEK RD
> OLSBURG KS 66520

A__ 50159 00 MUN AY G
> POTTAWATOMIE RWD 02
> MANAGER
> PO BOX 5
> OLSBURG KS 66520

#####

STATE OF KANSAS



PHONE: (785) 296-5733
FAX: (785) 296-8298
www.agriculture.ks.gov

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
TOPEKA FIELD OFFICE
6531 SE FORBES AVE., SUITE B
TOPEKA, KS 66619

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

December 4, 2018

AA STOCK FARMS INC
19145 SHANNON CREEK ROAD
OLSBURG KS 66520

Re: Pending New Application, File No. 50,159

Dear Sir or Madam:

This is to advise you that Pottawatomie County RWD #2 has filed the application referred to above for a permit to appropriate 63.6 million gallons (195.18 acre-feet) of groundwater per calendar year for municipal use to be diverted at a maximum rate of 315 gallons per minute. Please note that the proposed point of diversion is **an existing battery of two wells** currently authorized under Water Right, File Nos. 40,510 and 40,511, and the geographic center is located in the Southeast Quarter of the Southwest Quarter of the Southeast Quarter of Section 22, in Township 6 South, Range 7 East, Pottawatomie County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

You can find the application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Pottawatomie County RWD #2

Ken Kopp PG
Kansas Rural Water Assn
2707 SW College Ave
Topeka KS 66611-1647

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
TOPEKA FIELD OFFICE
6531 SE FORBES AVE., SUITE B
TOPEKA, KS 66619



PHONE: (785) 296-5733
FAX: (785) 296-8298
www.agriculture.ks.gov

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

December 4, 2018

DONALD HOLT
PO BOX 67
OLSBURG KS 66520-0067

Re: Pending New Application, File No. 50,159

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Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Pottawatomie County RWD #2

Ken Kopp PG
Kansas Rural Water Assn
2707 SW College Ave
Topeka KS 66611-1647

Water
Conduct
Approved
W. Shaw

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
Topeka Field Office

MEMORANDUM

TO: Files

DATE: February 16, 2015

FROM: Katherine A. Tietsort
Water Commissioner *KAT*

RE: PT CO RWD 02,
File Nos. 40,510 & 40,511

File No. 40,510 was approved on April 19, 1994, authorizing the use of 25 million gallons of water per year at a rate not to exceed 300 gallons per minute for municipal use within the boundaries of Rural Water District No. 2 Pottawatomie County, Kansas, and within the City of Olsburg, Kansas, and immediate vicinity. An acceptable water flowmeter was required by permit condition and was required to be used to provide information on the required annual water use report. The Approval contained an additional limitation limiting the quantity to 50 million gallons per year in combination with File Nos. 24224, 40269, and 40203 for municipal purposes within the boundaries of Rural Water District No. 2 Pottawatomie County, Kansas, and within the City of Olsburg, Kansas, and immediate vicinity.

File Nos. 24224 and 40269 are owned by Pottawatomie Co. RWD 01 and File No. 40203 is owned by the City of Olsburg. There are interconnections between PT CO RWD 01, PT CO RWD 02 and The City of Olsburg.

File No. 40,511 was also approved on April 19, 1994, authorizing the use of 25 million gallons of water per year at a rate not to exceed 300 gallons per minute for municipal use within the boundaries of Rural Water District No. 2 Pottawatomie County, Kansas, and within the City of Olsburg, Kansas, and immediate vicinity. An acceptable water flowmeter was required by permit condition and was required to be used to provide information on the required annual water use report. The Approval contained an additional limitation limiting the quantity to 50 million gallons per year in combination with File Nos. 24224, 40269, 40203, and 40,510 for municipal purposes within the boundaries of Rural Water District No. 2 Pottawatomie County, Kansas, and within the City of Olsburg, Kansas, and immediate vicinity.

Even though the two permits were limited like this, both are shown and have been since they were applied for as all additional quantity under each file. There was a brief time in the mid to late 90's when these odd limitations were put on a number of files that attempted to limit the quantity that interconnected public water supply systems could divert in total, however, since among other reasons, it was recognized as impossible for one PWS to control the usage under a different PWS and their water rights, limitations

WATER RESOURCES
RECEIVED

FEB 19 2015 SCANNED

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

CERTIFICATE OF APPROPRIATION FOR BENEFICIAL USE OF WATER

WATER RIGHT, File No. 40,511

PRIORITY DATE November 21, 1991

WHEREAS, It has been determined by the undersigned that construction of the appropriation diversion works has been completed, that water has been used for beneficial purposes and that the appropriation right has been perfected, all in conformity with the conditions of approval of the application pursuant to the water right referred to above and in conformity with the laws of the State of Kansas.

NOW, THEREFORE, Be It Known that DAVID W. BARFIELD, the duly appointed, qualified and acting Chief Engineer of the Division of Water Resources of the Kansas Department of Agriculture, by authority of the laws of the State of Kansas, and particularly K.S.A. 82a-714, does hereby certify that, subject to vested rights and prior appropriation rights, the appropriator is entitled to make use of groundwater to be withdrawn by means of a battery of two (2) wells with a geographic center located in the Southeast Quarter of the Southwest Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 22, more particularly described as being near a point 158 feet North and 1,943 feet West of the Southeast corner of said section, in Township 6 South, Range 7 East, Pottawatomie County, Kansas, at a diversion rate not in excess of **300 gallons per minute (0.67 c.f.s.)** and a quantity not to exceed **25 million gallons (76.72 acre-feet)** of water per calendar year for **municipal use** in the City of Olsburg, Kansas and the immediate vicinity, and within the boundaries of Pottawatomie County Rural Water District No. 2 and the immediate vicinity.

This appropriation right is further limited to a diversion rate and a quantity of water which when combined with the water right set forth in the Certificate of Appropriation issued pursuant to File No. 40,510, will provide a maximum diversion rate not in excess of **315 gallons per minute (0.70 c.f.s.)** and a total quantity not to exceed **36.639 million gallons (112.44 acre-feet)** of water per calendar year for **municipal use** from the point of diversion described herein.

(over)

SCANNED



WATER WELL RECORD Form WWC-5 1157605

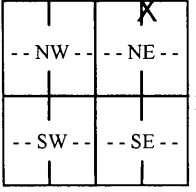
Division of Water Resources App. No.

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Pottawatomie	Fraction NW 1/4 NW 1/4 NE 1/4 NE 1/4	Section Number 34	Township Number T 6 S	Range Number R 7 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
----------------------------------------------------------	-----------------------------------------	----------------------	--------------------------	--------------------------------------------------------------------------------------

2 WELL OWNER: Last Name: Anderson First: Larry Business: Address: 19145 Shannon Creek Rd Address: City: Olsburg State: KS ZIP: 66520	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: <input type="checkbox"/> About 1 mile W of intersection of Shannon Creek Rd and Stony Creek Rd
---------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 98 ft. Depth(s) Groundwater Encountered: 1) 50 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 50 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 06/03/2013 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 10 gpm Bore Hole Diameter: 10 in. to 98 ft. and in. to ft.	5 Latitude: 39.49308 (decimal degrees) Longitude: 96.62905 (decimal degrees) Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: Android) (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:
		6 Elevation: 1157 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other KOLAR

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 6 in. to 98 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR26

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 38 ft. to 58 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 98 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:
 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)

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Topsoil			
1	20	clay			
20	22	Gravel			
22	38	Grey Shale			
38	39	Gravel			
39	98	Grey Shale			

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) 06/03/2013 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) 09/06/2013 under the business name of Associated Drilling, Inc.



WATER WELL RECORD Form WWC-5 1291148

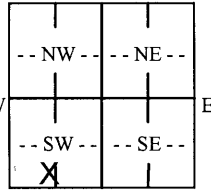
Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Pottawatomie	Fraction NE 1/4 SE 1/4 SW 1/4 SW 1/4	Section Number 23	Township Number T 6 S	Range Number R 7 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
-----------------------------------------------------------------	------------------------------------------------	-----------------------------	---------------------------------	---------------------------------------------------------------------------------------------

2 WELL OWNER: Last Name: SUMP First: JUSTIN Business: Address: 28555 SHANNON CREEK Address: City: OLSBURG State: KS ZIP: 66520	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: <input checked="" type="checkbox"/>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3 LOCATE WELL WITH "X" IN SECTION BOX: N  S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 62 ft. Depth(s) Groundwater Encountered: 1) 25 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 25 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 02/12/2016 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 12 gpm Bore Hole Diameter: 10 in. to 62 ft. and in. to ft.	5 Latitude: 39.509098 (decimal degrees) Longitude: 96.622192 (decimal degrees) Datum: <input checked="" 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:
		6 Elevation: 1151 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other KOLAR

7 WELL WATER TO BE USED AS:

1. Domestic: <input checked="" type="checkbox"/> Household <input checked="" type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	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 **6** in. to **62** ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface **24** in. Weight lbs./ft. Wall thickness or gauge No. **SDR26**

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 **22** ft. to **62** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **20** ft. to **62** 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.

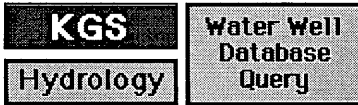
Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify)

Direction from well? **EAST** Distance from well? **10** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	BROWN CLAY			
5	22	BROWN CLAY MIXED WITH GRAVEL			
22	31	BIG GRAVEL			
31	46	TAN SHALE			
46	50	LIMESTONE			
50	62	GREY SHALE			

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) **02/12/2016** 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) **02/12/2016** under the business name of **Associated Drilling, Inc.**



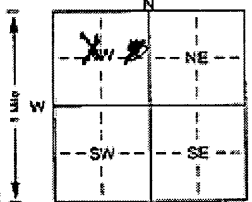
Scan of WWC5 Form

WW 320

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL: Fraction SE 1/4 NW 1/4 NW 1/4 Section Number 26 Township Number T 6 S Range Number R 7 E
 County: POSDORF
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: TERESA J. JOHNSON
 RR#, St. Address, Box #: 20705 SHAWNEE CREEK RD Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: OLDSBURG, KS 66526 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 
 4 DEPTH OF COMPLETED WELL: 64 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1. 2.0 ft. 2. 7.4 ft.
 WELL'S STATIC WATER LEVEL: 20.5 ft. below land surface measured on mo/day/yr: 7/4/02
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 20 gpm. Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 8.75 in. to 6.4 in. and _____ in. to _____ in.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No _____

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 PVC 4 ABS 7 Fiberglass _____ Welded _____
 Blank casing diameter: 5 in. to 2.4 in. Dia. 5 in. to 5.4 in. Dia. _____ in. to _____ in. Dia. _____
 Casing height above land surface: 2.4 in. weight _____ lbs./ft. Wall thickness or gauge No. SDR 26
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Millslot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____ ft.
 SCREEN-PERFORATED INTERVALS: From 2.4 ft. to 3.4 ft. From _____ ft. to _____ ft.
 From 3.4 ft. to 6.4 ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 1.8 ft. to 6.4 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other
 Grout intervals: From 0 ft. to 18 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 Sump/pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage EXISTING WELL
 Direction from well? WEST How many feet? 150

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	SHALE			
15	16	CONCRETE PIPE			
16	17	SHALE, GRAY			
17	23	LIMESTONE			
23	25	SHALE, GRAY			
25	26	LIMESTONE			
26	39	SHALE, GRAY			
39	43	LIMESTONE, SAND			
43	47	SHALE, GRAY			
47	51	LIMESTONE, SAND			
51	55	SHALE, GRAY			
55	57	LIMESTONE, SAND			
57	64	SHALE, GRAY			

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) 4/1/02 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. SBS This Water Well Record was completed on (mo/day/yr) 4/19/02
 under the business name of ASSOCIATED ENVIRONMENTAL INC. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS ONLY and stamp clearly. Please fill in blanks, underline or circle the correct answer. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone 785-296-2524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each copy of well.

50159

Pottawatomie County

No. 2

Rural Water District

309 Second Street

P.O.Box 5

Olsburg, Kansas 66520

785-468-3542

pottswd2@twinvalley.net

Water Resources
Received

NOV 09 2018

KS Dept Of Agriculture

1974 44th Anniversary 2018

"Kansas Most Improved Water System Award for 2013

November 5, 2018

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

Dear Sir,

Please find enclosed an Application to Appropriate Water for Beneficial Use by Rural Water District No. 2, Pottawatomie County, Kansas.

The District's existing water rights were certified in 2016 for a quantity less than originally authorized. The new application seeks to restore that quantity, which was not perfected under those files. Additional water above what was originally perfected and appropriated is justified, based on the following:

The southern portion of the District, near Manhattan, continues to experience significant population growth, with six to twelve additional customers being added per year.

The District's contract with Rural Water District No. 1, Pottawatomie County, expired in 2017. That source of water is now only utilized for small quantities of water during maintenance of the RWD2's wells or during emergencies. The district also currently supplies small quantities of water to the City of Olsburg on an as needed basis, under contract.

In recent years, the District has supplied an increasing amount of water to an expanded feedlot facility within their boundaries, Wickstrum Farms. While the Wickstrum's have their own water rights for stock watering, their sources of water are limited and the feedlot is also increasingly reliant on rural water to meet their demand. Moreover, additional feedlot and swine facilities have been proposed within the district boundaries.

The Kansas Water Office projections (2002) indicate the District will serve 859 people, with a yoyal demand of 52.7 million gallons by 2040. The district is already serving approximately 800 people.

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50159

Moreover, based on the actual reported increase in water connections from 2007 to 2017, using a linear regression calculation for the next 20 years, the District could serve as many as 429 total connections by 2040, which is significantly greater than was predicted by KWO in 2002.

The District realizes that the total projected demand over the next 20 to 40 years might not be met with the existing battery of two (2) wells at the north end of the district boundaries and is actively looking for additional sources of water to meet their needs in the southern portions of the district.

Best regards,

Lynn Webster, General Manager
Pottawatomie County RWD No. 2

Water Resources
Received

NOV 09 2018

KS Dept Of Agriculture

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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

November 15, 2018

POTTAWATOMIE COUNTY RURAL WATER DIST. NO. 2
PO BOX 56
OLSBURG, KS 66520

RE: Application, File No. **50159**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application is unlawful.

Additional information about the process may be found on our website at agriculture.ks.gov/divisions-programs/dwr. If you have any other questions, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Kristen A. Baum".

Kristen A. Baum
New Application Unit Supervisor
Division of Water Resources

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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

FILE COPY

November 9, 2018

POTTAWATOMIE COUNTY RURAL WATER DIST. NO. 2
PO BOX 56
OLSBURG, KS 66520

RE: Application, File No. **50159**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

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Sincerely,

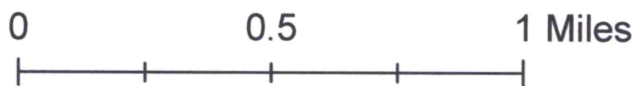
A handwritten signature in cursive script that reads "Kristen A. Baum".

Kristen A. Baum
New Application Unit Supervisor
Division of Water Resources

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




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KS Dept Of Agriculture

Legend

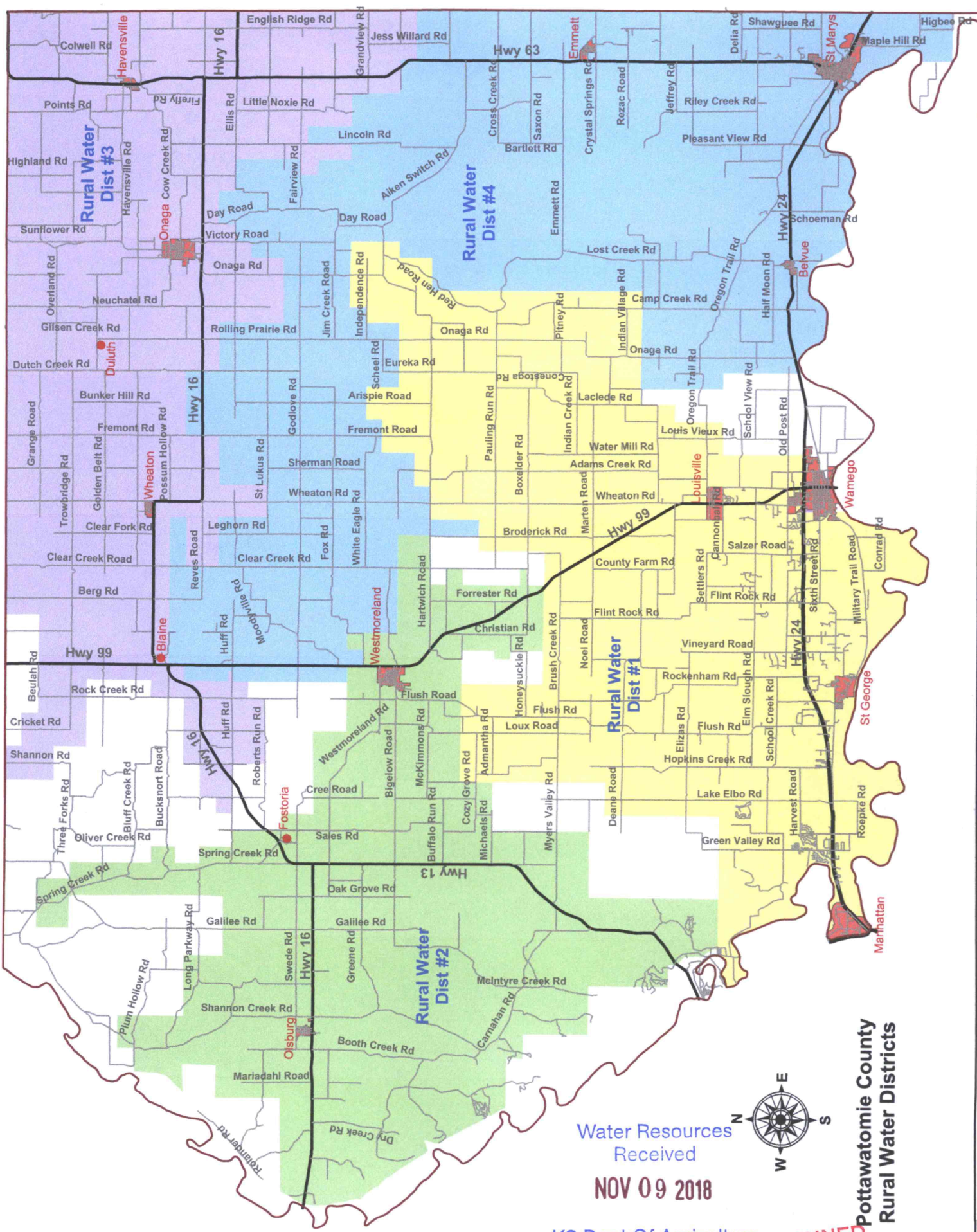
-  Section Lines
-  Individual Wells
-  Geographic Center
-  Half-Mile Radius
-  Nearby Wells

New Application for Pottawatomie County RWD No. 2

Geographic Center - Existing Battery of 2 Wells
 158' N and 1943' W of the Southeast Corner of 22-6S-7E
 Pottawatomie County, Kansas

Map prepared by:
 Kenneth A. Kopp, P.G.
 Kansas Rural Water Association
 Nov. 1, 2018

SCANNED



Water Resources Received

NOV 09 2018

KS Dept Of Agriculture **SCANNED**

Pottawatomie County
Rural Water Districts