

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

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 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. <u>1</u>	GMD <input checked="" type="checkbox"/>	Meets K.A.R. 5-3-1 (YES/NO)	Use <u>MUN</u>	Source <u>G/S</u>	County <u>PT</u>	By <u>DAW</u>	Date <u>11/9/18</u>
Code <u>RES</u>		Fee \$ <u>300</u>	TR # _____	Receipt Date <u>11/9/18</u>	Check # <u>1757</u>		

11/15/2018 WM

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):

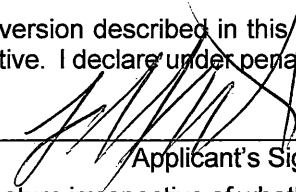
Same as applicant: Pottawatomie County Rural Water District No 2
(name, address and telephone number)

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**

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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)

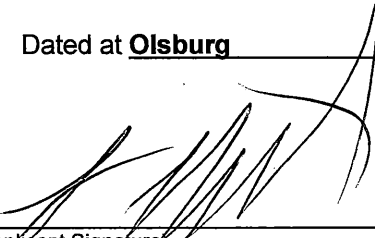
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

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)

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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.

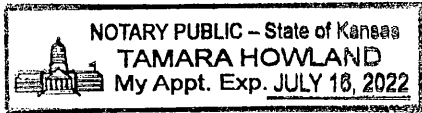


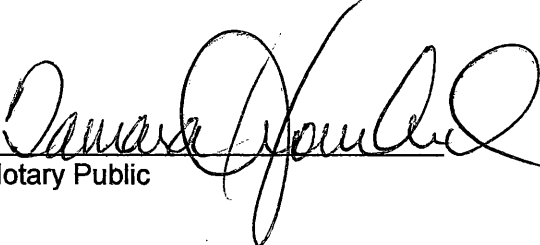
Signature of Applicant
LYNN WEBSTER

(Print Applicant's Name)

State of Kansas)
County of POTTAWATOMIE) ss

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

My Commission Expires: 7-16-22

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Applicant's Name Pottawatomie County RWD No. 2
(Please Print)

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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**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)
20 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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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.

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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
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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:

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

4 DEPTH OF COMPLETED WELL: **93'** ft. ELEVATION: _____ ft.
 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:
 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 **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.
 GRAVEL PACK INTERVALS: From **49** ft. to **93** 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 1/2x1/2x1			
35	47	Clay-Brown			
47	55	Chert 1/2x1/2			
55	80	FS-CS-Med-Pea Gravel-Brown			Water Resources
80	97	FS-CS-Med-Pea Gravel-Brown-Chert	Gravel 1/2x1/2-Blue		Received
97	100	Limestone-Grey			NOV 09 2018
					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.

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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 EW
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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:

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

4 DEPTH OF COMPLETED WELL: **98'** ft. ELEVATION: _____ ft.
 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:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____ 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 **X**
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 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: _____ 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 8 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: **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.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **53** ft. to **98** 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 **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			
53	58	Chert 1/4x1/2			
58	60	FS-CS-Med-Pea Gravel-Brown			
60	68	FS-Brown			
68	85	FS-CS-Med Pea Gravel-Brown			
85	90	FS-CS-Med-Pea Gravel-little bit dirty			
90	98	FS-Cs-Med-Pea Gravel-Brown-Clean			

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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 Skren*

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.

50159

Pottawatomie County

No. 2

Rural Water District

309 Second Street

P.O.Box 5

Olsburg, Kansas 66520

785-468-3542

potrwd2@twinvalley.net

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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.

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

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Received

NOV 09 2018

KS Dept Of Agriculture

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

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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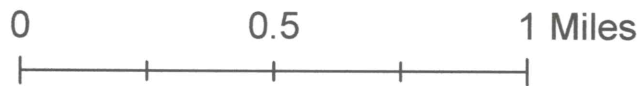
Sincerely,

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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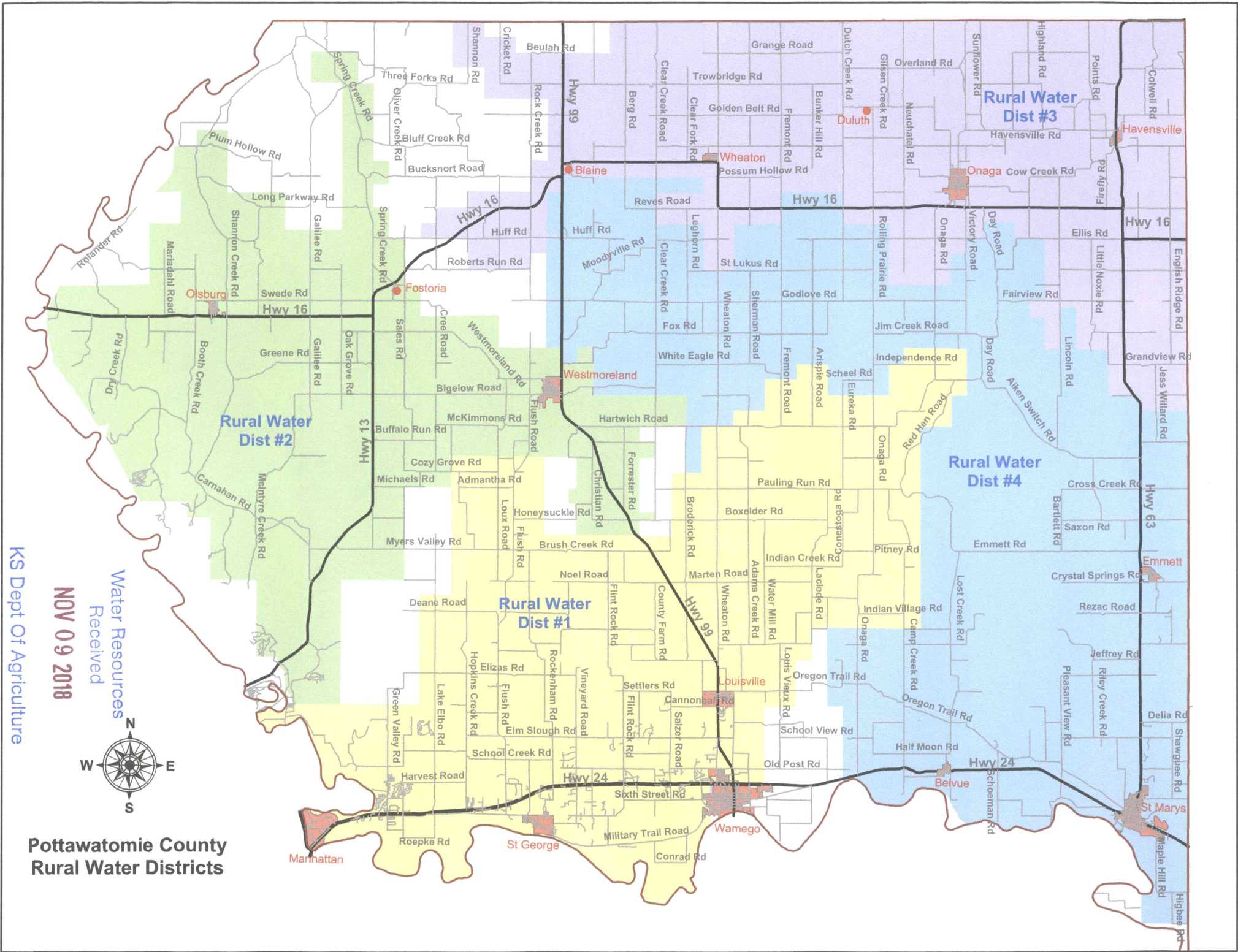
Legend

- 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



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**Pottawatomie County
Rural Water Districts**

50157