

Submit To:
CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502-5000
http://agriculture.ks.gov/dwr

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE



State of Kansas

STATUTORY FILING FEE MUST ACCOMPANY THIS APPLICATION
Please refer to the Fee Schedule attached to this application form.

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DEC 17 2024

File Number: **51381**

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

KS DEPT OF AGRICULTURE
2:29 PM

1. Name of Applicant: WABAUNSEE RWD 02
Address: 38521 ANTELOPE CREEK RD
City: WAMEGO State: KS Zip Code: 66547 - 9708
Phone: (785) 456-9883 Email: rwd2wabeo@gmail.com

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

3. The maximum annual quantity of water desired is 180,000,000 acre-feet gallons
to be diverted at a maximum rate of 800 gpm c.f.s. natural flows natural evaporation
 This project involves surface water storage and redirection. The maximum annual quantity of water desired to be
rediverted is _____ acre-feet gallons, at a rate of _____ gpm c.f.s.

552 AF (552.0)

Conversion Factors

1 acre-foot (AF) = 325,851 gallons
1 million gallons (mg) = 3.07 acre-feet (AF)
1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm)

IMPORTANT: Once your application has been assigned a priority date and file number, the requested maximum rate of diversion and maximum requested annual quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reasonable for your proposed project.

4. The water is intended to be appropriated for the following use(s):
 Artificial Recharge* Irrigation* Recreational* Water Power*
 Industrial* Municipal* Stockwatering* Sediment Control
 Domestic Dewatering Hydraulic Dredging Fire Protection
 Thermal Exchange Contamination Remediation

***IMPORTANT:** You **must** submit a supplemental form providing information to substantiate your request for the quantity of water listed in Item No. 3 for the intended use(s) referenced above.

FOR OFFICE USE ONLY															
FO	<u>1</u>	GMD	-	DUA	-	Use	<u>MUN</u>	Source	<u>GW</u>	County	<u>WB</u>	By	<u>KJN</u>	Date	<u>12/18/24</u>
Code	<u>RE3</u>	Fee \$	<u>360</u>	TR #		Receipt Date	<u>12/17/2024</u>	Check #	<u>14987</u>						

5. The location(s) of the proposed diversion work(s) (well, pumpsite, etc.) are described below. Note that for the application to be accepted, the point of diversion location(s) **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. You can specify a nickname for the point of diversion via the A.K.A. line to help you identify it.

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 800gpm and which supply water to a common distribution system.

- (A) One in the SW quarter of the SE quarter of the NW quarter of Section 20, more particularly described as being near a point 3296 feet North and 3731 feet West of the Southeast corner of said section, in Township 10 South, Range 10 E W, Wabaunsee County, KS. A.K.A: North Well
- (B) One in the SW quarter of the SE quarter of the NW quarter of Section 20, more particularly described as being near a point 3136 feet North and 3763 feet West of the Southeast corner of said section, in Township 10 South, Range 10 E W, Wabaunsee County, KS. A.K.A: South Well
- (C) One in the SW quarter of the SE quarter of the NW quarter of Section 20, more particularly described as being near a point 3216 feet North and 3747 feet West of the Southeast corner of said section, in Township 10 South, Range 10 E W, Wabaunsee County, KS. A.K.A: Geocenter
- (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 _____ E W, _____ County, KS. A.K.A: _____
- (E) 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 _____ E W, _____ County, KS. A.K.A: _____

6. The proposed project for diversion of water will consist of battery of two wells
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: 1992
(date each was or will be completed)

7. The first actual application of water for the proposed beneficial use was or is estimated to be upon approval
(Date)

8. List any application, appropriation of water, water right, or vested right file number that covers the same point(s) of diversion 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.

Overlapping Place of Use and Point of Diversion - File Nos. 39,807; 39,808; 46,641; & 50,586.

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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 DWR prior to submitting this application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you made an application for a permit for construction of this dam and reservoir with DWR? Yes No

If yes, write the Water Structures permit number here: _____

11. Furnish a detailed topographic or aerial map that depicts the following information:

The application **must** be supplemented by a topographic map, aerial photograph or a detailed plat showing the information described in A-D below.

- (A) The center of the section, the section lines or the section corners, and labels showing the appropriate section, township and range numbers, as well as a north arrow and scale,
- (B) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) described in Item No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section,
- (C) The location of the proposed place of use identified by crosshatching,
- (D) **For Groundwater Use**, the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells and indicate for each well its type of use and the name and mailing address of the property owner or owners, (If there are no wells within 1/2 mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines, and
- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any other structures for the purpose of storing, conveying, or using water.

12. For groundwater use, furnish copies of the driller's logs for all test holes or completed wells. Please ensure that the driller's logs provide depth to the static water level. If driller's logs cannot be obtained for an existing well, provide the following information:

Well location as shown in Item No. 5	(A)	(B)	(C)	(D)	(E)
Date drilled	10/25/91	10/31/91	_____	A=North	_____
Total depth of well	_____	_____	_____	B=South	_____
Depth to static water level	28'	21'	_____	_____	_____

13. The owner(s) of the point of diversion, if other than the applicant is:

Applicant

(name, address, and phone)

(name, address, and phone)

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

Applicant

(name, address, and phone)

(name, address, and phone)

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

Owner Agent Tenant Other: _____

16. A water use correspondent (WUC) must be designated. The WUC will be mailed the annual water use report, which must be filed with the Division by March 1 of each year. Failure to timely file an accurate water use report will subject the owner(s) to a civil fine of up to \$1,000 and potential suspension of the water appropriation or right. By signing this application, I verify that the owner(s) of the water right or permit have confirmed that the following person or agent should be designated as the WUC:

Applicant

(name, address, and phone)

17. I 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. This could affect the economics of my decision to appropriate water. Situations where this might occur may include times when minimum desirable streamflow (MDS) requirements are not met, when Assurance District or Water Marketing releases are made from storage in federal reservoirs, when a Water Reservation Right upstream of a federal reservoir is administered, or when water rights administration becomes necessary to prevent impairment.

I declare, under penalty of perjury, that I have legal access to or control of, the point(s) of diversion described in this application from the landowner or the landowner's authorized representative.

By signing below, I verify that the information set forth above is true to the best of my knowledge, I agree with all statements made above, and that this application is submitted in good faith.

Chris Rabe

(Applicant Signature)

12-17-2024

(Date)

Chris Rabe

(Applicant Name – please print)

Manager

(Applicant Title, if applicable – please print)

Assisted by Lloyd Hemphill

TFO/ES

(office/title)

Date: 12/3/2024

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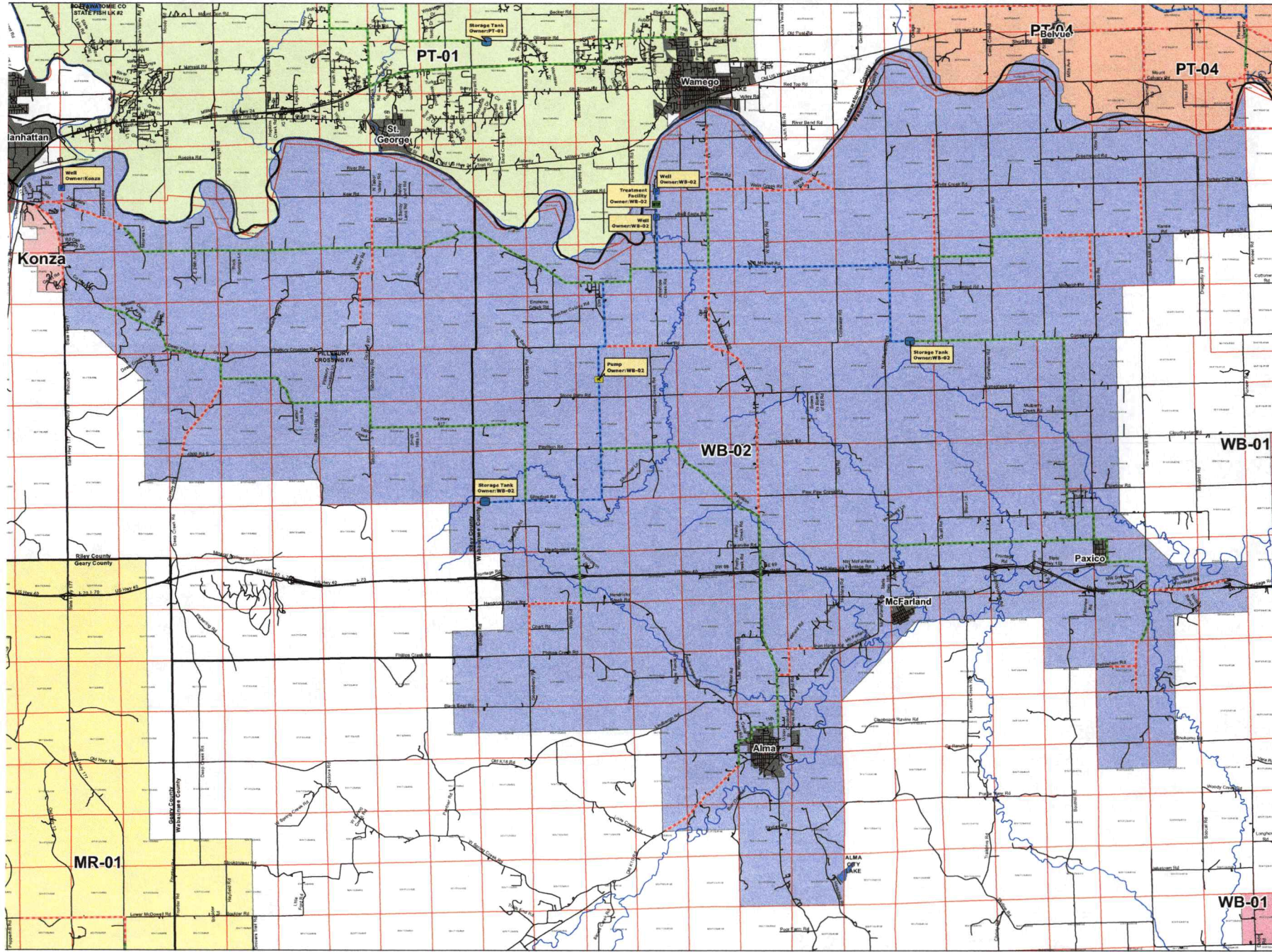
Wabaunsee County RWD No. 02, and Konza

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Legend

- Interconnect
- Pump
- Storage Tank
- Surface Intake
- Treatment Facility
- Well

Water Mains

- Less than 4 inch
- 4 to 6 inch
- greater than 6 inch
- Roads
- Streams
- PLSS
- County Boundary
- City Boundary
- Lakes

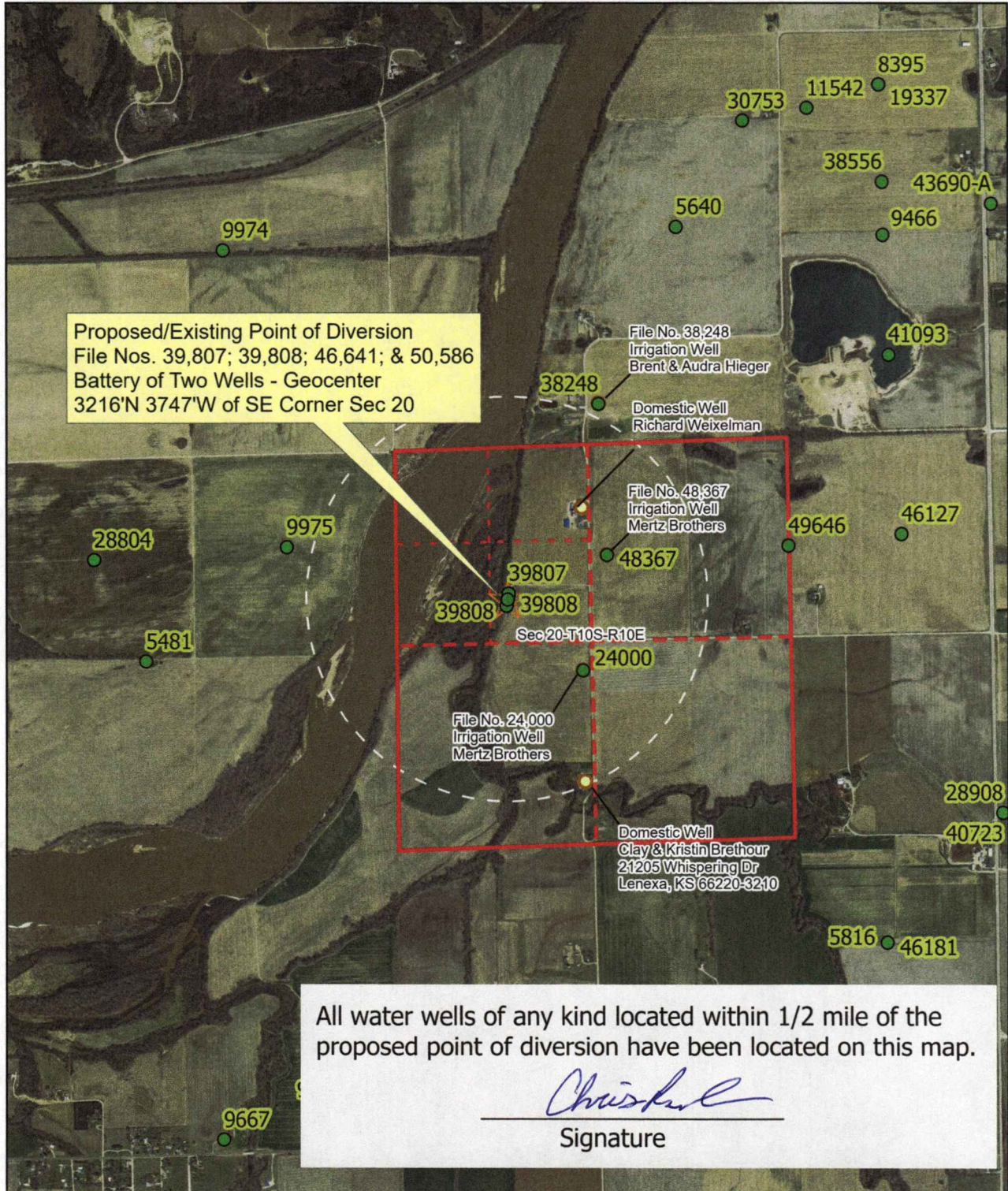


Produced by Kansas Rural Water Association with the cooperation of the Kansas Water Office and the Data Access and Support Center October 2015

DEC 17 2024

NEW APPLICATION RWD NO 2 WABAUNSEE CO

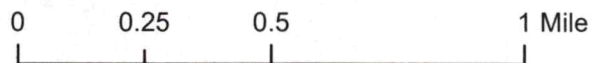
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Map prepared by: LHH/TFO 12-3-2024



Scale: 1:24,000



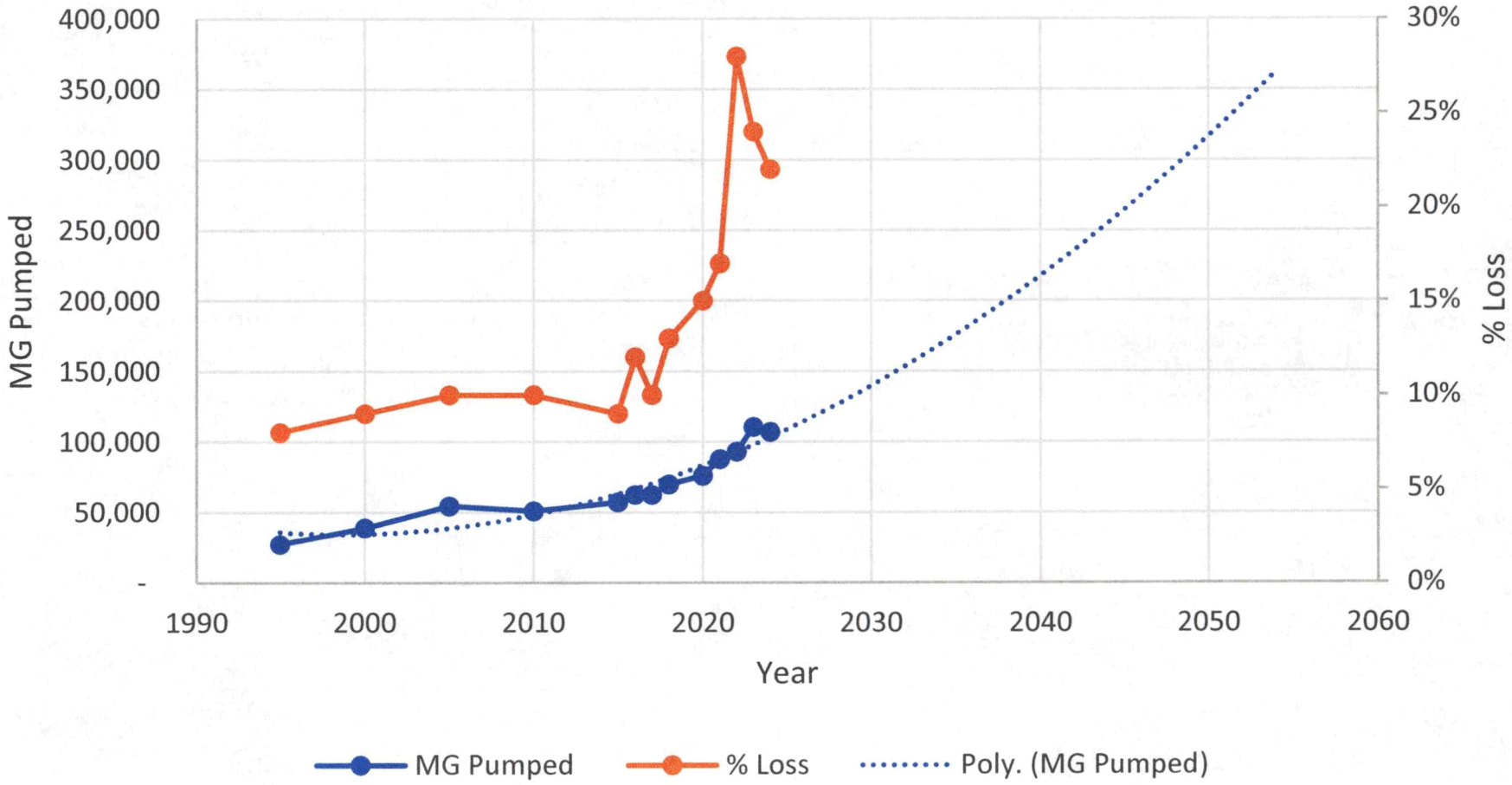
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APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

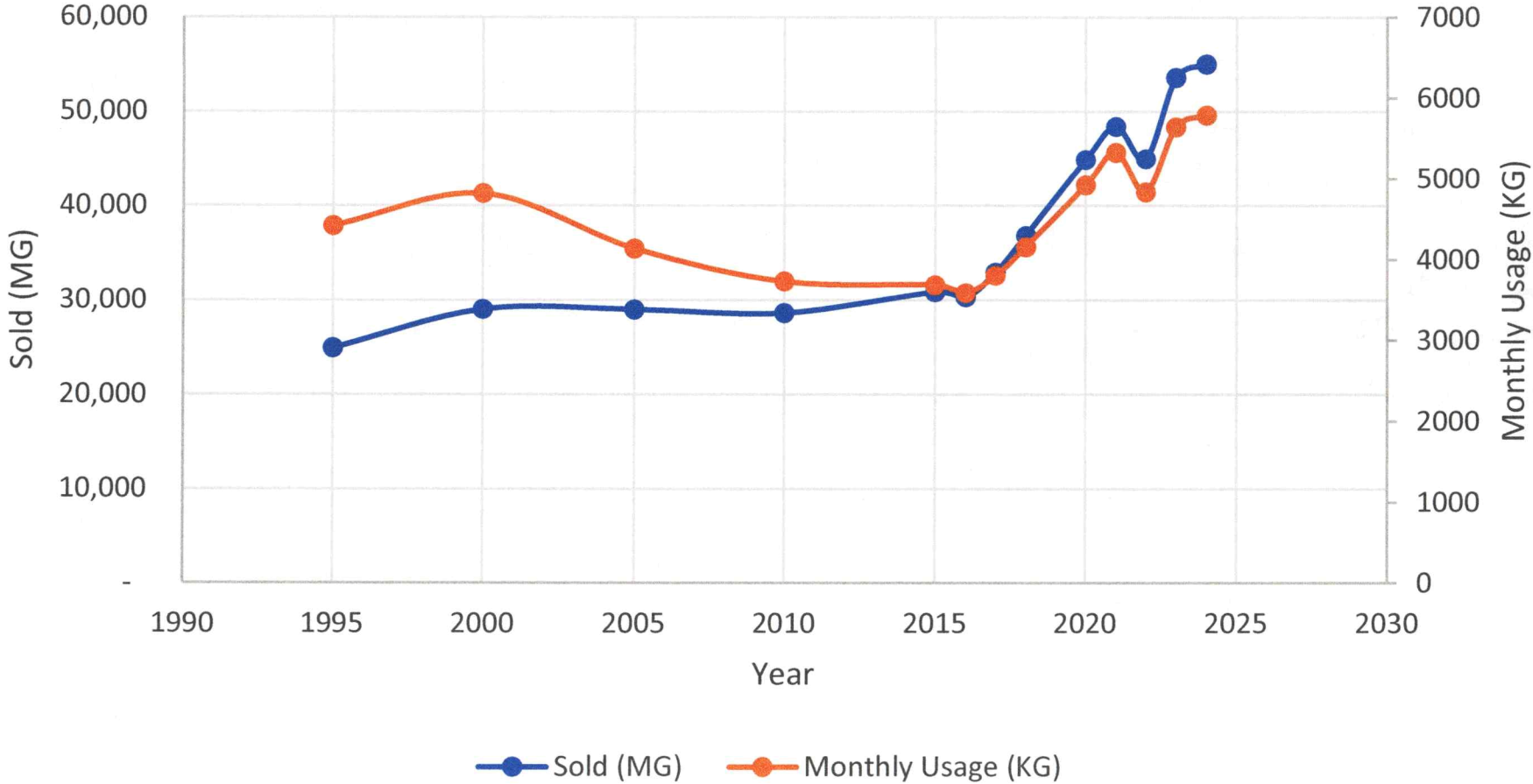
ADDITIONAL SUPPLEMENTAL INFORMATION – SEE ATTACHED GRAPHS

1. After a 2022 when our water loss took a large leap from 17% to 28% a heightened effort was made to find system leaks and the loss dropped to 24%.
2. Additionally, after the high loss year of 2022 the District began a meter replacement project for the entire District's 792 meters. At this time, that effort is 98% complete. Already the leak rate has dropped to 22%, however, the impact of this project will not be fully realized until the end of 2025 when the full meter installation will have been in place for a full year. Consequently, we expect an even lower water loss rate.
3. During the meter replacement project many small to medium size leaks at the meter pit were discovered and repaired.
4. The District has encountered unprecedented growth, for our District. Meter applications have averaged about 8 per year over the last five years where it averaged about one or two per year previously.
5. Average water use by existing customers has risen from 3500 gallons per month to 5700 gallons per month since 2015 (see attached graph). This demand is in addition to the growth in the number of meters.

RWD #2 Wabaunsee County



RWD #2 Wabaunsee County



RWD#2 Wabaunsee County

wabrwd2.blogspot.com



Greg Dekat

Asst. Manager

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Wamego, KS 66547



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www. agriculture.ks.gov



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

Mike Beam, Secretary

Laura Kelly, Governor

December 30, 2023

WABAUNSEE RWD 02
38521 ANTELOPE CREEK RD
WAMEGO KS 66547-9708

RE: Application, File No(s). **51381**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) 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(s) 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(s) 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 black ink that reads "Kris Neuhauser". The signature is written in a cursive style with a long horizontal flourish at the end.

Kris Neuhauser
New Applications Lead
Water Appropriation Program