

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE

Adrian J. Polansky, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David L. Pope, 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. **45,572**, of the applicant

**City of Wichita
Water and Sewer Department
455 North Main
Wichita, Kansas 67202**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and information submitted at the hearing, 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 **December 16, 2003**.
2. That the water sought to be appropriated shall be used for Artificial Recharge in the basin storage area located substantially as shown in Attachment 2, submitted with the application.
3. That the authorized source from which the appropriation shall be made is bank storage water from the Little Arkansas River, to be withdrawn by means of one (1) bank storage well located in the Northwest Quarter of the Southwest Quarter of the Northwest Quarter (NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 8, more particularly described as being near a point 3,515 feet North and 4,860 feet West of the Southeast corner of said section, in Township 23 South, Range 2 West, Harvey County, Kansas, located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **1,000 gallons per minute (2.23 c.f.s.)** and to a quantity not to exceed **1,500 acre-feet of water** for any calendar year.

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5. That installation of works for diversion of water shall be completed on or before December 31, 2010, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$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, which is currently \$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, 2025, 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, which is currently \$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 legally been 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 a satisfactory operating condition.
12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a satisfactory operating condition.

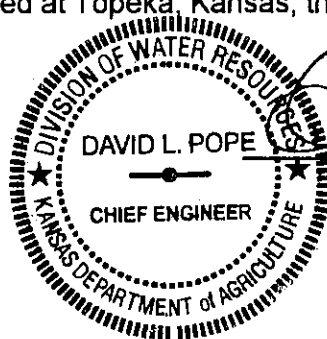
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13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulation 5-22-4. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report, and such additional reports required in the Order to which this permit is attached (including the meter reading at the beginning and end of the report year).
14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.
18. That the applicant shall submit to the Chief Engineer copies of the well logs required by the Kansas Department of Health and Environment under the authority of K.S.A. 82a-1212, currently form WWC-5, within 30 days following the drilling of the well at the location authorized herein and for any other observation well required herein.
19. That the well shall be located within 300 feet of the centerline of the Little Arkansas River.
20. That the quality of water diverted shall meet requirements (1) through (3), for source water, as defined in K.A.R. 5-1-1.
21. That the operation of this well shall not cause a drawdown in excess of ten feet at a distance of 660 feet from this bank storage well on either side of the Little Arkansas River in any part of the aquifer.
22. That within seven (7) days after cessation of pumping of the well authorized herein, the water level in each bank storage well, or monitoring well located within 100 feet of the bank storage well, shall recover to an elevation equal to or greater than the water level elevation immediately before the bank storage well began to pump, adjusted for any regional groundwater level changes not caused by pumping the bank storage well.

- 23. That the well authorized herein shall be operated only when the flows in the Little Arkansas River at the Gage exceed baseflow, and will not cause the streamflow at the Gage to fall below baseflow; that baseflow is 57 cubic feet per second (c.f.s.) during the months of April 1 through September 30, and 20 c.f.s. during the months from October 1 through March 31.
- 24. That the bank storage well shall be constructed to allow only withdrawal of bank storage water.
- 25. That the quality of surface water induced by a bank storage well into the banks of the Little Arkansas River shall not degrade the ambient groundwater use in the bank storage withdrawal area.
- 26. That the Chief Engineer specifically retains jurisdiction in this matter with authority to make such reasonable reductions in the approved rate of diversion and quantity authorized to be perfected, and such changes in other terms, conditions, and limitations set forth in this approval and permit to proceed as may be deemed to be in the public interest.
- 27. That this approval of application is subject to the terms, conditions, and limitations of the order approving the Aquifer Storage and Recovery project to which this permit is attached.

Review of this permit is subject to the provisions of the Petition for Review of Order set forth in the Chief Engineer's accompanying Findings, Conclusions and Order.

Dated at Topeka, Kansas, this 8th day of August 2005.



David L. Pope

David L. Pope, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Shawnee)

The foregoing instrument was acknowledged before me this 8th day of August, 2005, by David L. Pope, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.

Debra L. Mendez

Notary Public

Debra L. Mendez

Notary Public

