

AMENDED

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

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE, THE POINT OF DIVERSION OR THE USE MADE OF THE WATER UNDER AN EXISTING WATER RIGHT



State of Kansas

*Filing Fee Must Accompany the Application
(Please refer to Fee Schedule on signature page of application form.)*

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and for place of use must accompany this application.

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KS DEPT OF AGRICULTURE

1. Application is hereby made for approval of the Chief Engineer to change the

- Place of Use
- (Check one or more) Point of Diversion
- Use Made of Water

File No. 22,326 Circle 20.

2. Name of applicant: City of Hays, Kansas and City of Russell, Kansas (See paragraph 2 of the cover letter.)

Address: c/o Foulston Siefkin LLP, 1551 N. Waterfront Parkway, Suite 100

City, State and Zip: Wichita, Kansas 67206

Phone Number: (316) 291-9725 E-mail address: dtraster@foulston.com

What is your relationship to the water right; owner tenant agent other? If other, please explain. Hays and Russell are co-owners of the authorized place of use on the R9 Ranch in Edwards County.

Name of water use correspondent: City of Hays, Kansas

Address: P. O. Box 490, 1507 Main Street

City, State and Zip: Hays, Kansas 67601

Phone Number: (785) 628-7320 E-mail address: tdougherty@haysusa.com

3. The change(s) proposed herein are desired for the following reasons (please be specific):
See Paragraph 3 of the cover letter filed concurrently with this application. The cover letter is incorporated herein by reference.

The change(s) ~~was~~ (will be) completed by See Paragraph 3 of the cover letter
(Date)

For Office Use Only:						
F.O. _____	GMD _____	Meets K.A.R. 5-5-1 (YES / NO) _____	Use _____	Source G / S County _____	By _____	Date _____
Code _____	Fee \$ _____	TR # _____	Receipt Date _____	Check # _____		

4. The presently authorized place of use is:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
1-T26S-R20W				Lot 2 17			Lot 3 72	Lot 4 40										129	

List any other water rights that cover this place of use: None

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
Same as above																			

List any other water rights that cover this place of use: None

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
See Attachment.																			

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
See Attachment.																			

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY
 WATER RESOURCES RECEIVED

- 6. The presently authorized point(s) of diversion (is) (are) irrigation well(s) described in paragraph 8, infra.
(Provide description and number of points)
- 7. The proposed point(s) of diversion (is) (are) one or more municipal wells; see paragraph 7 of the cover letter.
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the Lot 3 Quarter of the _____ Quarter of the SW Quarter
 of Section 1, Township 26 South, Range 20 (~~E/W~~),
 in Edwards County, Kansas, 5,373 feet North 3,779 feet West of Southeast corner of section.
 Authorized Rate 690 gpm Authorized Quantity 103 a/f
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SE Quarter of the NE Quarter of the NW Quarter
 of Section 1, Township 26 South, Range 20 (~~E/W~~),
 in Edwards County, Kansas, 5,034 feet North 2,790 feet West of Southeast corner of section.
 Proposed Rate See Attachment Proposed Quantity See Attachment
 This point is: Additional Well Geo Center List other water rights that will use this point 22,325 & 22,327

9. **Presently authorized point of diversion:**
 One in the Lot 3 Quarter of the _____ Quarter of the _____ Quarter
 of Section 1, Township 26 South, Range 20 (~~E/W~~),
 in Edwards County, Kansas, 5,128 feet North 3,066 feet West of Southeast corner of section.
 Authorized Rate 565 gpm Authorized Quantity 85 a/f
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SE Quarter of the NE Quarter of the NW Quarter
 of Section 1, Township 26 South, Range 20 (~~E/W~~),
 in Edwards County, Kansas, 5,034 feet North 2,790 feet West of Southeast corner of section.
 Proposed Rate See Attachment Proposed Quantity See Attachment
 This point is: Additional Well Geo Center List other water rights that will use this point 22,325 & 22,327

10. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter
 of Section _____, Township _____ South, Range _____ (E/W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter
 of Section _____, Township _____ South, Range _____ (E/W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

- 11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. _____
See paragraph 11 of the cover letter.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY RESOURCES RECEIVED

Substitute
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5. It is proposed that the place of use be changed to:

The City of Hays, Kansas and its immediate vicinity as well as related areas in the Northeast Quarter (NE/4) of Section 19 and the Northwest Quarter (NW/4) of Section 36, T13S-R18W, Ellis County, Kansas;

The City of Russell, Kansas and its immediate vicinity;

The City of Victoria, Kansas and its immediate vicinity;

The City of La Crosse, Kansas and its immediate vicinity; and

The City of Ellis, Kansas and its immediate vicinity.

Upon the execution of a contract to purchase water from the Project, the authorized place of use should include industrial facilities or the corporate limits of the municipality, rural water district, or other entity entering into such contract for purchase and in the case of a municipality, its immediate vicinity.

7., 8., 9., and 10. Proposed Rate, Quantity, and Well Location

The Cities requested a total of 196.71 acre-feet at 1,000 gpm from the wells associated with this water right, all of which would be diverted from new point of diversion "I", as shown on Exhibit K. When combined with existing wells from other water rights, new point of diversion "I" would have a cumulative total of 587.78 acre-feet at 2,950 gpm.

After extensive negotiation, the Cities and the Chief Engineer have reached a tentative agreement on numerous terms that are set out in an Initial Order, including an agreement to reduce the quantity requested to 188.0 acre-feet per year. The Cities understand that the Initial Order is subject to review by the GMD and others and cannot be finalized until after that review. The Cities submit these amendments to their original Change Application but the amendments are contingent upon the entry of an Initial Order and a Final Order with terms that are acceptable to the Cities.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well "I" will be limited to a maximum rate of 805 gallons per minute.

Attached as Exhibits Q and R are additional maps that show the location of the currently authorized points of diversion, a one-half mile buffer around each irrigation well, the proposed location of municipal well "I," a 1,000-foot radius around that location, and the proposed areal limits within which the new municipal wells can be located.

13. If changing the place of use and the use made of water, describe how the consumptive use will not be increased:

Quantity authorized and perfected

The Permit, issued on March 19, 1976, granted the right to divert up to 203 acre-feet annually at a rate not to exceed 1,000 gallons per minute for irrigation use¹ on 129 acres in

¹ Permit, HAYS002322, Ex. A.

Section 1-T26S-R20W.² The Certificate limited the rate to 1,000 gallons per minute when the two wells were operated simultaneously.

In the cover letter transmitting the Permit, DWR made findings of fact stating that “the proposed use is for a beneficial purpose and is *within reasonable limitations*. If priorities are observed and respected, the proposed use will neither impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.”³

DWR’s Field Inspection Report indicates that 196.71 of the 203 acre-feet authorized by the Permit were lawfully perfected.

- 248 acre-feet⁴ and 203 acre-feet (451 acre-feet) were applied to 125 approved acres in the N/2 of Section 1-T26S-R20W.
- The Permit authorized the perfection of 203 acre-feet on 129 acres, or 1.57 acre-feet per acre. But only 125 authorized acres were irrigated during the perfection period, resulting in perfection of 196.71 acre-feet.

While the Certificate limits the total quantity to 188 acre-feet based on DWR’s after-the-fact determination that 1.5 acre-feet per acre was a reasonable quantity for irrigation use, DWR did not have jurisdiction to make this reduction.⁵

Since the perfection period has expired, the “authorized quantity” for this water right is the 196.71 acre-feet actually perfected even though it exceeds the certified quantity.

NIR for Alfalfa

The record indicates that alfalfa was grown on the authorized place of use in at least one year during the perfection period.⁶ According to the Kansas Irrigation Guide, the NIR for the 50% chance rainfall in Edwards County is 20.9 (1.74 feet) inches for alfalfa.

Since alfalfa was grown on the authorized place of use in at least one year during the perfection period, it is reasonable to use the NIR for alfalfa, which yields a total quantity of 217.71 acre-feet consumed. This quantity is greater than the “maximum annual quantity authorized by the water right”⁷ and is therefore in excess of the quantity that can be approved. The quantity should therefore be limited to 196.71 acre-feet.

Nevertheless, and pursuant to the negotiated terms set out in the Initial Order discussed above, the Cities request that the Chief Engineer approve a total of 188 acre-feet per year for municipal use.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well “I” will be limited to a maximum rate of 805 gallons per minute.

² Application, HAYS002313, Ex. B.

³ Mach 19, 1976, letter (emphasis added), HAYS002321, Ex. C.







⁴ FIR, HAYS002296, Ex. D, and 2306, Ex. E. It appears that the quantities from the two wells were combined.

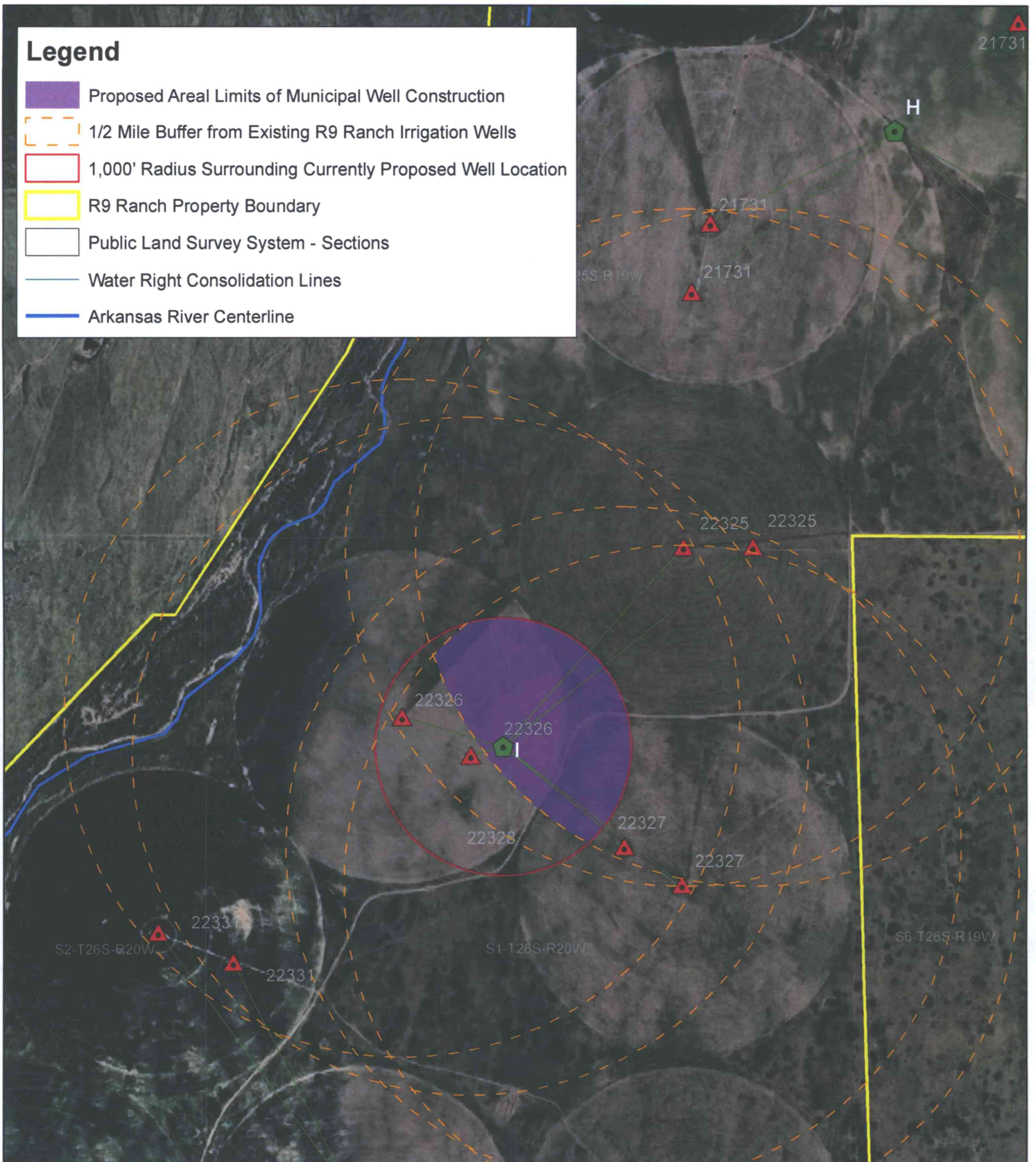
⁵ Certificate, HAYS002330, Ex. F; Doug Bush March 27, 1987, Memo, HAYS002325, Ex. G; and *Clawson v. Kansas Dept. of Agriculture, Div. of Water Resources*, 49 Kan. App. 2d 789, 315 P.3d 896 (2013).

⁶ FIRs, HAYS002299, Ex. D, and HAYS002309, Ex. E, FSA documents, HAYS004907, Ex. H.


⁷ See K.A.R. 5-5-9(a)(4).

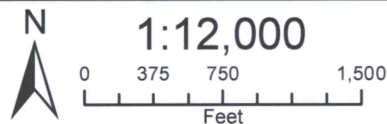
Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site









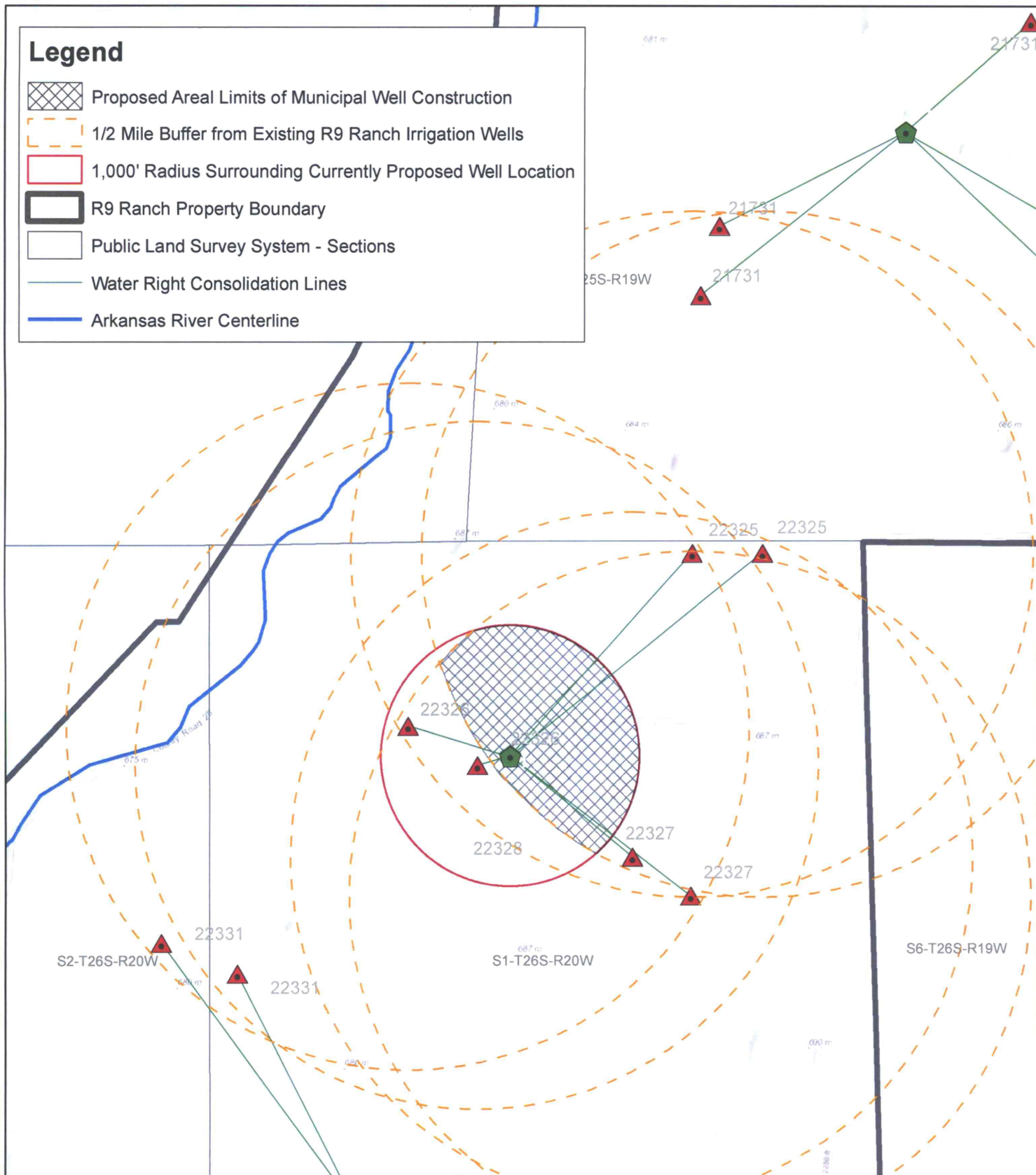
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Conceptual Well Site I



File No. 22,326
 WATER RESOURCE RECEIVED
 Exhibit Q
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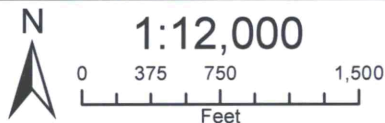
Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



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Conceptual Well Site I

File No. 22,326

Exhibit R

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