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

### **AMENDED**

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



SCANNEL

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 /or place of use must accompany this application.

| 1. | Application is hereby made for                              | approval of the Ch                 | ief Engineer to change the  | <b>W</b> ATER RESOURCES RECEIVED                                 |
|----|---|------------------------------------|-----------------------------|--|
|    | <u> </u>  | Place of Use<br>Point of Diversion |                             | NOV 2 8 2016   |
|    | , _   | Jse Made of Water                  |                             | KS DEPT OF AGRICULTURE   |
|    |   | File No                            | 22,335                      | Circle 26.   |
| 2. | Name of applicant: City of                                  | Hays, Kansas an                    | d City of Russell, Kansa    | as (See paragraph 2 of the cover letter.)                        |
|    | Address: c/o Foulston Siefl                                 | in LLP, 1551 N                     | . Waterfront Parkway, S     | Suite 100  |
|    | City, State and Zip: Wichita,                               | Kansas 67206                       |                             |  |
|    | Phone Number: (316) 291-9                                   |                                    | E-mail address: <u>dtra</u> | ster@foulston.com  |
|    | What is your relationship to the Russell are co-owners of t |                                    |                             | other? If other, please explain. Hays and nch in Edwards County. |
|    | Name of water use corresponde                               | ent: City of Hay                   | s, Kansas                   |  |
|    | Address: P. O. Box 490, 15                                  | 07 Main Street                     |                             |  |
|    | City, State and Zip: Hays, Ka                               | nsas 67601                         |                             |  |
|    | Phone Number: ( 785 ) 628-7                                 | 320                                | E-mail address: tdoug       | herty@haysusa.com  |
| 3. | The change(s) proposed herein See Paragraph 3 of the cover  |                                    |                             | . ,  |
|    | incorporated herein by refe                                 | rence.                             |                             |  |
|    | The change(s) (was) (will be) co                            | ompleted by See                    | Paragraph 3 of the cov      | er letter<br>(Date)  |
| F. | r Office Use Only:<br>D GMD Meets K.A.R.<br>ode             | 5-5-1 (YES / NO)<br>Fee \$         | Use Source G/S<br>TR# Rece  | S County By Date<br>ipt Date Check #                             |
|    |   |                                    |                             |  |
| DΜ | /R 1-120 (Revised 06/16/2014)<br>22335                      |                                    | Substitute Page 1 of 43     | Assisted by:   |

File No. <u>22,335</u>

| 4. Th    | e presently au                  | uthoriz      | ed plac        | e of ı         | use is: |         |                |           |         |        |             |               |         |         |   |       |         |                |
|----------|---------------------------------|--------------|----------------|----------------|---------|---------|----------------|-----------|---------|--------|-------------|---------------|---------|---------|---|-------|---------|----------------|
|          | Owner of La                     | and —        | NAME           | : <u>C</u>     | ty of   | Hays    | , Kan          | sas       |         |        |             |               |         |         |   |       |         |                |
|          |                                 | AD           | DRES           | s: F           | .O. B   | ox 49   | 0, 15          | 07 M      | ain S   | treet, | Hays        | s, Kar        | ısas 6  | 7601    |   |       |         |                |
|          |                                 |              | NE             | 1/4            |         | NW¼     |                |           | SW1/4   |        |             | SE1/4         |         |         | TOTAL                                   |       |         |                |
| Sec.     | Twp. Range                      | NE1/4        | NW¼            | SW1/4          | SE1/4   | NE1⁄4   | NW1⁄4          | SW1/4     | SE1/4   | NE1⁄4  | NW¼         | SW1/4         | SE1/4   | NE1⁄4   | NW¼                                     | SW1/4 | SE1/4   | ACRES          |
| 11-T     | C26S-R20W                       |              |                |                |         | 33      | 33             | 33        | 33      |        |             |               |         |         |   |       |         | 132            |
|          |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       |         |                |
|          |                                 | <u> </u>     |                | -              |         |         |                | т         |         |        |             |               |         |         |   | ,     |         |                |
| _ist an  | y other water i                 | rights t     | hat cov        | er th          | is plac | e of us | se: <u>N</u>   | lone      |         |        |             |               |         | TANLANA |   |       |         |                |
|          | Owner of La                     | ınd —        | NAME           | :: <u> C</u> i | ty of   | Russe   | ell, K         | ansas     |         |        |             |               |         |         |   |       |         |                |
|          |                                 | AD           | DRES           | s: <u>  1</u>  | 33 W    | . 8th   | Stree •        | t, Rus    | sell,   | Kansa  | as 670      | 665           |         |         |   |       |         |                |
|          |                                 |              | NE             | 1/4            |         |         | NV             | V1⁄4      |         |        | sv          | V1/4          |         |         | SE                                      | 1/4   |         | TOTAL<br>ACRES |
| Sec.     | Twp. Range                      | NE¼          | NW¼            | SW1/4          | SE1/4   | NE1⁄4   | NW¼            | SW1/4     | SE1/4   | NE1/4  | NW1⁄4       | SW1/4         | SE¼     | NE1/4   | NW1⁄4                                   | SW1/4 | SE1/4   |                |
|          |                                 |              |                |                |         |         |                | Sa        | me a    | s abo  | ve          |               |         |         |   |       |         |                |
|          |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       |         |                |
| iet an   | y other water i                 | iabte t      | hat cov        | or th          | ie plac | o of us | 20. N          | lone      |         |        |             |               |         |         |   |       |         |                |
| List all | -                               | _            |                |                | -       |         |                |           |         |        |             |               |         |         |   |       |         |                |
| 5. It is | If there are<br>s proposed that |              |                |                |         |         |                | idition   | ai sne  | eis as | neces       | sary.)        |         |         |   |       |         |                |
| J. 11 1. | Owner of La                     | -            |                |                |         | -       |                | cac       |         |        |             |               |         |         |   |       |         |                |
|          | Owner or La                     |              |                |                | _       |         |                |           | • • •   |        |             | 17            |         | 7.01    |   |       |         |                |
|          |                                 | AD<br>"      | DRES           | S: P           | .O. B   | OX 45   | <i>i</i> 0, 15 | 0 / M     | ain S   | treet, | Hays        | s, Kar        | isas 6  | 7601    |   |       | ······· |                |
|          |                                 | NE1          | NE:            | _              | CE1/    | NEW     | NV             |           | CE1/    | NEW    | SV          |               | CE1/    | NEW     | SE                                      |       | 051/    | TOTAL<br>ACRES |
| Sec.     | Twp. Range                      | NE%<br>See A | NW¼ <br>Attach | sw¼<br>men     | SE1/4   | NE1/4   | NW¼            | SW1/4     | SE1/4   | NE¼    | NW¼         | SW1/4         | SE1/4   | NE1/4   | NW¼                                     | SW1/4 | SE1/4   |                |
|          |                                 |              | 1114011        |                | •       |         |                |           |         |        |             |               |         |         |   |       |         |                |
|          |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       | ŀ       |                |
| _ist any | y other water i                 | ights t      | hat cov        | er th          | is plac | e of us | se: <u>S</u>   | ee pai    | ragra   | oh 5 c | of the      | cove          | r lette | er.     |   |       |         |                |
|          | Owner of La                     | nd —         | NAME           | : Ci           | tv of   | Russe   | ell. Ka        | ansas     |         |        |             |               |         |         |   |       |         |                |
|          | O 111101 01 20                  |              |                |                | •       |         |                |           | ا المء  | Kansa  | s 676       | 565           |         |         |   |       |         |                |
|          |                                 | I AD         | DRES           |                | 33 W    | . our   |                |           | 5011, 1 | Xalisa |             |               | 7       |         |   |       | ı       |                |
| 0        | Tura Dance                      | NE1/4        | NE:            | 5W1/4          | SE1/4   | NE1/4   | NV<br>NW1/4    | V¼<br>SW¼ | SE1/4   | NE¼    | SW<br>NW1/4 | V1/4<br>SW1/4 | SE1/4   | NE1/4   | SE<br>NW¼                               |       | SE1/4   | TOTAL<br>ACRES |
| Sec.     | Twp. Range                      | <b> </b>     | Attach         |                |         | 142/4   | 110074         | 011/4     | OL/4    | 142/4  | 1,,,,,,     | 011/1         | 02/4    | 142/4   | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 0,,,, | 02/4    |                |
|          |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       | ŀ       |                |
|          |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       | ŀ       |                |
| ist any  | y other water r                 | iahts t      | hat cov        | er th          | is plac | e of us | se: S          | ee nai    | ragrai  | oh 5 c | of the      | cove          | r lette | er.     |   |       |         |                |
| •        |                                 |              |                |                |         |         |                |           |         |        |             |               |         |         |   |       |         |                |

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

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| 6.    | The presently authorized point   | t(s) of diversion (is) (are) <u>irrigation well(s) described in paragraph 8, infra.</u> (Provide description and number of points) |                     |                                |                  |  |  |  |  |  |
|-------|--|--|---------------------|--------------------------------|------------------|--|--|--|--|--|
| 7.    | The proposed point(s) of divers  | version (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 o   |  |                     |                                |                  |  |  |  |  |  |
|       | One in the <u>near the cente</u>   | er Quarter of the  |                     | Quarter of the                 | NW               | Quarter  |  |  |  |  |
|       | of Section11   | , Township   | 26                  | South, Range                   | 20               | <b>(K</b> /W).                                   |  |  |  |  |
|       | in Edwards Co  | ounty, Kansas, <u>3,970</u>  | feet North _        | 3,945 feet West of S           | Southeast corner | of section.                                      |  |  |  |  |
|       | Authorized Rate <u>555 gpm</u>   | Authorized Quantity  | 89 a/f              |                                |                  |  |  |  |  |  |
|       | (DWR use only: Computer II   |  |                     |                                | feet We          | st)  |  |  |  |  |
|       | ☐ This point will not be char  | nged 🛮 This point wil  | l be changed        | as follows:                    |                  |  |  |  |  |  |
|       | Proposed point of diversion:   |  |                     |                                |                  |  |  |  |  |  |
|       | One in theNW   | Quarter of the   | SW                  | Quarter of the                 | NE               | Quarter  |  |  |  |  |
|       | of Section11   | , Township   | 26                  | South, Range                   | 20               | Œ/W).  |  |  |  |  |
|       | in <u>Edwards</u> Co   |  |                     |                                | Southeast corner | of section.                                      |  |  |  |  |
|       | Proposed Rate <u>See Attachm</u>   |  |                     |                                |                  |  |  |  |  |  |
|       | This point is:  Additional We  | ell 🔲 Geo Center List o  | ther water rigl     | hts that will use this point   | 22,333-35;       | <u>27,760                                   </u> |  |  |  |  |
| _     |  |  |                     |                                |                  |  |  |  |  |  |
| 9.    | Presently authorized point of  |  | E/2                 | 0                              | NIW              |  |  |  |  |  |
|       | One in the <u>near the center</u> of Section <u>11</u>   | Quarter of the   | 26                  | Quarter of the                 | N W              | Quarter  |  |  |  |  |
|       | in Edwards Co  | , I ownship  | 20<br>f= -4 N = -41 | South, Range                   | 20               | ( <b>K</b> /W),                                  |  |  |  |  |
|       | Authorized Rate 680 gpm  |  |                     |                                | outneast corner  | of section.                                      |  |  |  |  |
|       |  | 1  |                     | ···                            | 6a a4 18/a       | -4\  |  |  |  |  |
|       | (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   | <u>requeste</u>     | <u>ed)</u>                     | NE               |  |  |  |  |  |
|       | One in the NW of Section 11  | Quarter of the   | 3 W                 | Quarter of the                 | NE 20            | Quarter  |  |  |  |  |
|       | in Edwards Co  | , rownship   | foot North          | South, Range                   | 20               | () <u>k</u> /VV),                                |  |  |  |  |
|       | Proposed Rate See Attachm  |  |                     |                                | outneast corner  | or section.                                      |  |  |  |  |
|       | This point is:  Additional We  | T -  |                     |                                | 22 333-35.       | 27.760   |  |  |  |  |
| i     | This point is. Additional We   | Geo Center List o  | unei watei rigi     | its that will use this point   | 22,333-33,       |  |  |  |  |  |
| 10. l | Presently authorized point of  | diversion:   |                     |                                |                  | <del></del>                                      |  |  |  |  |
|       | One in the   | Quarter of the   |                     | Quarter of the                 |                  | Quarter  |  |  |  |  |
|       | of Section   |  |                     |                                |                  |  |  |  |  |  |
|       | in Co  | ounty, Kansas,   | _ feet North _      | feet West of S                 | outheast corner  | of section.                                      |  |  |  |  |
|       | Authorized Rate  |  |                     |                                |                  |  |  |  |  |  |
|       | (DWR use only: Computer ID   | No GP  | s                   | feet North                     | feet Wes         | st)  |  |  |  |  |
|       | ☐ This point will not be char  | ged 🔲 This point will  | be changed          | as follows:                    |                  |  |  |  |  |  |
|       | Proposed point of diversion:   | (Complete only if change   | je is requeste      | ed)                            |                  |  |  |  |  |  |
|       | One in the   | Quarter of the   |                     | Quarter of the                 |                  | Quarter  |  |  |  |  |
|       | of Section   |  |                     |                                |                  |  |  |  |  |  |
|       | in Co  |  |                     |                                |                  |  |  |  |  |  |
|       | Proposed Rate  | Proposed Quantity  |                     | <u></u>                        |                  |  |  |  |  |  |
|       | This point is:  Additional We  | II ☐ Geo Center List o   | ther water righ     | nts that will use this point _ |                  |  |  |  |  |  |
| 11.   | Describe the current condition of  |  |                     |                                |                  |  |  |  |  |  |
|       | See paragraph 11 of the co   | <b>1</b>   |                     | version will no longe          |                  |  |  |  |  |  |
|       |  |  |                     |                                | WATER RESO       | URCES  |  |  |  |  |
|       | IF MORE SPACE  | IS NEEDED, AT TAC  | H ADDITIC           | ONAL SHEETS AS N               |                  |  |  |  |  |  |
|       | 22225  | Sul  | NOV 2 8 2016        |                                |                  |  |  |  |  |  |

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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 171.36 acre-feet at 1,000 gpm from the wells associated with this water right, both of which would be diverted from new point of diversion "K," as shown on Exhibit J. When combined with existing wells from other water rights, new point of diversion "K" would have a cumulative total of 533.2 acre-feet at 3,380 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 142.6 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 "K" will be limited to a maximum rate of 700 gallons per minute.

Attached as Exhibits P and Q 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 "K," 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 was issued on March 19, 1976, granting the applicant the right to divert up to 238 acre-feet annually at a rate not to exceed 1,000 gallons per minute for irrigation use<sup>1</sup> on 132

| I | Permit. | HAYS003133. | Ex. A. |
|---|---------|-------------|--------|

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acres in the NW/4 of Section 11-T26S-R20W.<sup>2</sup> The Certificate limits the rate to 1,000 gallons per minute when the wells are operating simultaneously.<sup>3</sup>

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."

The Field Inspection Reports indicate that all of the 238 acre-feet authorized by the Permit were lawfully perfected.

• 179 acre-feet<sup>5</sup> and 218 acre-feet<sup>6</sup> (397 acre-feet) were applied to 132 approved acres in the NW/4 of Section 11T26S-R20W.

While the Certificate limits the total quantity to 198 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.<sup>7</sup>

Since the perfection period has expired, the "authorized quantity" for this water right is the 238 acre-feet actually perfected even though it exceeds the certified quantity.

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 142.6 acre-feet per year for municipal use.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well "K" will be limited to a maximum rate of 700 gallons per minute.

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<sup>&</sup>lt;sup>2</sup> Application, HAYS003124, Ex. B.

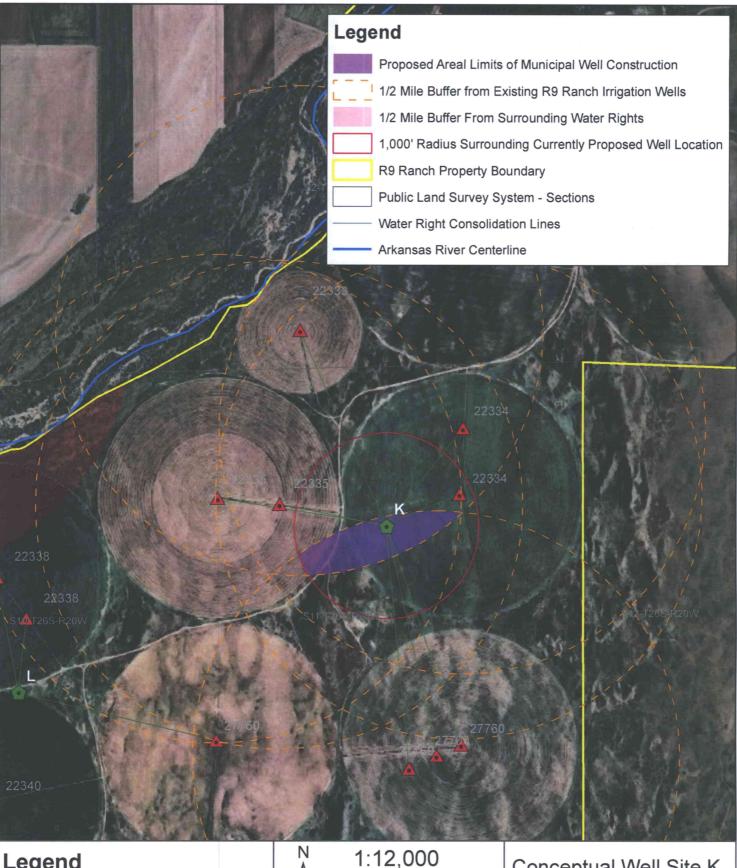
<sup>&</sup>lt;sup>3</sup> Certificate, HAYS003141, Ex. C.

<sup>&</sup>lt;sup>4</sup> March 19, 1976, letter (emphasis added), HAYS003132, Ex. D.

<sup>&</sup>lt;sup>5</sup> FIR, HAYS003110, Ex. E.

<sup>&</sup>lt;sup>6</sup> FIR, HAYS003119, Ex. F.

<sup>&</sup>lt;sup>7</sup> Certificate, HAYS003141, Ex. C; Doug Bush Memo dated March 20, 1987, HAYS003136, Ex. G; and *Clawson v. Kansas Dept. of Agriculture*, Div. of Water Resources, 49 Kan. App. 2d 789, 315 P.3d 896 (2013).



## Legend

**R9 Irrigation Wells** 

Currently Proposed Well Site

1:12,000

Conceptual Well Site K

WATER RESOURCE No. 22,335
RECEIVED Exhibit P



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