

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

WATER RESOURCES RECEIVED

MAY 06 2024

13:32

KS Dept. of Agriculture



State of Kansas

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

File Number: **51234**

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

1. Name of Applicant: Darlyne Standley Farm Trust - Deb Boyles Trustee
Address: 1020 70 Rd
City: Scandia State: KS Zip Code: 66966
Phone: 785-335-2221 Email: _____

2. The source of water is: surface water in Tributary to the Republican River (stream)
 groundwater in _____ (drainage basin)

3. The maximum annual quantity of water desired is 208 acre-feet gallons
to be diverted at a maximum rate of _____ 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 208 acre-feet gallons, at a rate of 1000 gpm c.f.s.

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>3</u> | GMD <u>-</u> | DUA <u>-</u> | Use <u>IRR</u> | Source <u>SW</u> | County <u>RP</u> By <u>KJN</u> Date <u>5/9/24</u> |
| Code <u>BE2</u> | Fee \$ <u>300</u> | TR # _____ | Receipt Date <u>5-6-24</u> | Check # <u>1073</u> | |

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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 NW quarter of the NE quarter of the NW quarter of Section 26, more particularly described as being near a point 4855 feet North and 3544 feet West of the Southeast corner of said section, in Township 2 South, Range 5 E W, Republic County, KS. A.K.A: _____
- (B) 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: _____
- (C) 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: _____
- (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 1 dam/pond
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: already complete
(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 7/1/25
(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.

Proposed place of use is partially overlapped with Kansas Bostwick Irrigation District. Total quantity should be limited to 1.2 AF/AC when combined with district water on the place of use.

A waiver of K.A.R. 5-3-11(d)(6) is requested. Dam has been in existence for many years and does not have a controlled outlet. Owner accepts that an adequate bypass of some means will be required.

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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: Non-jurisdictional/exempt per L. Bristow

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 | _____ | _____ | _____ | _____ | _____ |
| Total depth of well | _____ | _____ | _____ | _____ | _____ |
| Depth to static water level | _____ | _____ | _____ | _____ | _____ |

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

Same as applicant.

(name, address, and phone)

(name, address, and phone)

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

Same as applicant.

(name, address, and phone)

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(name, address, and phone)

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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:

Same as 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.

DEBRA K BOYLES

Digitally signed by DEBRA K BOYLES
Date: 2024.04.24 11:39:47 -05'00'

04/24/2024

(Applicant Signature)

(Date)

Darlyne Standley Farm Trust

(Applicant Name – please print)

Deb Boyles, Trustee

(Applicant Title, if applicable – please print)

Assisted by **DLM**

STKFO/ECRS II

Date: **4/2/24**

(office/title)

FEE SCHEDULE

Make checks payable to the Kansas Department of Agriculture.

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1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic, waterpower, dewatering, or sediment control use, shall be (see No. 2 below if requesting storage):

| Million Gallons (mg) | Acre-Feet (AF) | Fee |
|----------------------|----------------|---|
| ≤ 32.585 | ≤ 100 | \$200.00 |
| 32.586 - 104.272 | 100.1 – 320.0 | \$300.00 |
| > 104.272 | > 320 | \$300.00 plus \$20 for each additional 100AF (32.586mg) or any part thereof |

2. The fee for an application in which **storage** of water is requested, except for domestic use, shall be:

| Million Gallons (mg) | Acre-Feet (AF) | Fee |
|----------------------|----------------|---|
| ≤ 81.462 | ≤ 249.9 | \$200.00 |
| ≥ 81.463 | ≥ 250 | \$200.00 plus \$20 for each additional 100AF (32.586mg) or any part thereof |

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for **waterpower** or **dewatering** use shall be \$100.00 plus \$200.00 for each 44,880 gallons per minute (100 c.f.s.), or part thereof, of the diversion rate requested.

IMPORTANT NOTICE

If this application is approved, the applicant shall notify the Chief Engineer when the diversion works (well, pump, reservoir, pit, etc.) has/have been completed via the *Notice of Completion of Diversion Works* form (DWR 1-203.11) and along with the statutorily required field inspection fee of:

- \$200.00 for sediment control use or groundwater pits for industrial use, or
- \$400.00 for all other uses made of water

Failure to complete the diversion works by the deadline specified in the *Approval of Application and Permit to Proceed* (or any subsequent extension of time of said deadline) and/or failure to submit the proper notice and field inspection fee will result in the dismissal of the appropriation and forfeiture of any priority associated with it.

For assistance with this application, please contact the Division of Water Resources (DWR).

Manhattan HQ
1320 Research Park Dr.
Manhattan, KS 66502
785-564-6638

Topeka Field Office
1131 SW Winding Rd, Ste 400
Topeka, KS 66615
785-296-5733

Stafford Field Office
300 S. Main St
Stafford, KS 67578
620-234-5311

Stockton Field Office
820 S. Walnut
Stockton, KS 67669
785-425-6787

Garden City Field Office
4532 W. Jones Ave, Ste B
Garden City, KS 67846
620-276-2901

Helpful Sources of Information

DWR Water Appropriation Program

<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation>

DWR Water Appropriation Forms

<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-appropriation-forms>

KGS Water Well Completion Records

<https://www.kgs.ku.edu/Magellan/WaterWell/index.html>

DWR Structures Program

<https://agriculture.ks.gov/divisions-programs/dwr/dam-safety/permit-requirements>

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Attachment A

Estimated capacity = 7.35 AF

One year direct use = 208 AF (based on potential annual runoff @ 20% chance)

One year evaporation = 6.5 surface acres x 21" / year = 11.38 AF

Total Storage requested = 208 AF

K.A.R. 5-6-4

Potential Annual Runoff (20% Chance)

Normal annual Precipitation = 28"

Soil complex number = 77

Runoff / Acre = 7.09"

Drainage area = 352 acres (per Leonard Bristow)

Potential Runoff = 208 AF

K.A.R. 5-6-5

a) $7.09" \times 352 \text{ acres} / 12 = 208 \text{ AF}$

b)

1) (A)

(B) Potential net evaporation x Capacity x 3 years

$$= 11.38 \text{ AF} \times 7.35 \times 3 = 250.93 \text{ AF}$$

2) (A) 208 AF (1 year direct use)

(B) 7.35 AF (storage capacity)

(C) 11.38 AF (1 year indirect use)

Beneficial use + Reservoir Capacity + 1 year indirect use = 226.73 AF

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Nearby Landowners ½ Mile Upstream and Downstream

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1. Dennis L. Erkenbrack Family Trust
551 Pawnee TRL
Republic, KS 66964-8027
2. Judith E. Erkenbrack Family Trust
551 Pawnee TRL
Republic, KS 66964-8027
3. Kay Lee Mikesell
381 Marble Rd
Courtland, KS 66939-7912
4. Roger Anderson
707 W 7th St.
Concordia, KS 66901-2711
5. Seth Strnad LP
1020 70 Rd
Scandia, KS 66966-8032

IRRIGATION USE SUPPLEMENTAL SHEET

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File No. _____

Name of Applicant (Please Print): Darlyne Standley Farm Trust

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

Landowner of Record NAME: Darlyne Standley Farm Trust - Deb Boyles Trustee
 ADDRESS: 1020 70 Road Scandia, KS 66966

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL |
|----|----|----|-----|----|------|----|------|----|----|----|------|------|------|----|-----|------|----|----|-------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| 26 | 2S | 5W | | 17 | 12.5 | | 18.5 | 14 | 33 | 39 | 39.5 | 37.5 | 36.5 | 28 | | 19.5 | | | 295 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Landowner of Record NAME: _____
 ADDRESS: _____

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL |
|---|---|---|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Landowner of Record NAME: _____
 ADDRESS: _____

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL |
|---|---|---|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

| Soil Name | Percent of field (%) | Intake Rate (in/hr) | Irrigation Design Group |
|-----------|----------------------|---------------------|-------------------------|
| Silt loam | 100 | 2.5 | LTI |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Total: | 100 % | | |

b. Estimate the average land slope in the field(s): 2 %

Estimate the maximum land slope in the field(s): 5 %

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c. Type of irrigation system you propose to use (check one):

Center pivot _____ Center pivot - LEPA _____ "Big gun" sprinkler
 Gravity system (furrows) _____ Gravity system (borders) _____ Sideroll sprinkler

KS Dept. of Agriculture

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

NA

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 45 psi

(2) What is the sprinkler package design rate? 900 gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? 15 feet

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

corn, soybeans, and alfalfa

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

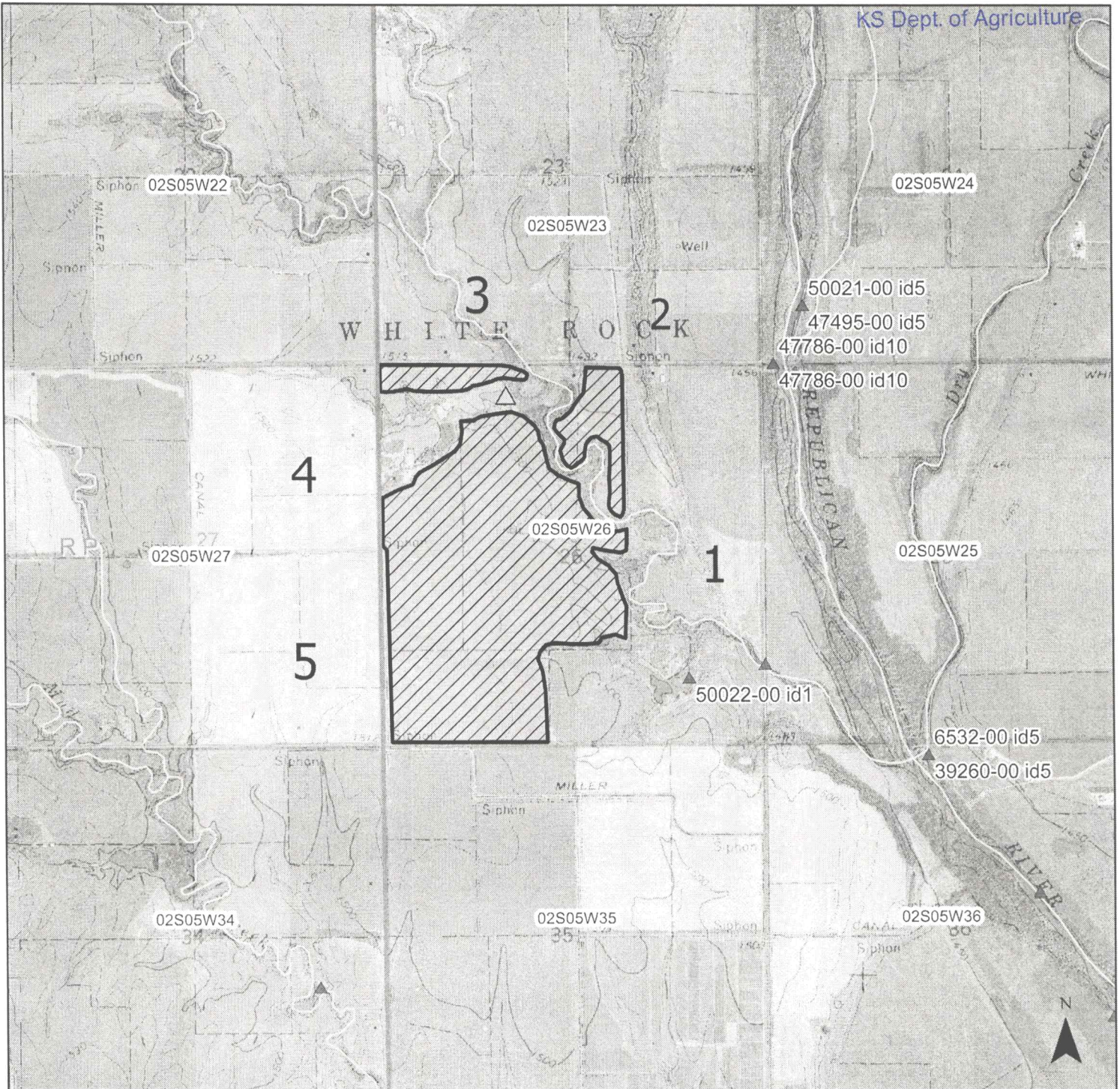
We will water according to Kan Sched recommendation

You may attach any additional information you believe will assist in informing the Division of the need for your request.

MAY 06 2024

New Application File No. _____

KS Dept. of Agriculture



Scale: 1:24,000

Signature Required

Debra K. Boyles

By signing this I am stating that to the best of my knowledge that all landowners within 1/2 mile upstream and downstream of my property are identified on this map or listed on an attachment to this map.

- ▲ Surface Water Point of Diversion
- Groundwater Point of Diversion

- △ Proposed Point of Diversion
- ▨ Proposed Place of Use

Re: Darlyne Standley Farm Trust Application

1 message

Jeff Thompson <ttlaw1@gmail.com>
To: "Means, David [KDA]" <David.Means@ks.gov>
Cc: Office <ttlaw@nckcn.com>

Wed, May 1, 2024 at 2:58 PM

David,

The application and fee are being mailed today. We appreciate your assistance.

Thanks,
JeffWATER RESOURCES
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Thompson Law, P.A.

P.O. Box 166, 402 4th Street, Scandia, KS 66966, USA
Tel: 785-335-2248 -- Fax: 785-335-2502 -- Email: ttlaw@nckcn.com

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On Tue, Apr 2, 2024 at 9:29 AM Means, David [KDA] <David.Means@ks.gov> wrote:

Good morning, Jeff; please see the attached application and supporting documents for the pond of Darlyne Standley Farm Trust. Someone authorized on behalf of the trust will need to sign Section 17 of the application. Please also complete Page 2 of the Irrigation supplemental sheet the best you can; if not sure of something leave it blank. Please review the map for accuracy and sign.

Once completed, mail the application, supplemental sheet, Attachment A, and map to the Manhattan address shown at the top left of the front of the application. Please be sure to include a check for \$300 made payable to the Kansas Department of Agriculture for the application fee.

If you have any questions or require further assistance, let me know.

David