

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.



THE STATE OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
Christopher W. Beightel, Acting Chief Engineer

50503

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

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

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JAN 08 2020 12:51

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To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): Grauerholz Farms LLC
Address: 737 Birch Rd
City: Hardy Nebraska (mailing) Republic Kansas(Physical) State NE Zip Code 68943
Telephone Number: (785) 527-1375

2. The source of water is: [] surface water in (stream)
[X] groundwater in Republic County KS, Kansas-Lower Republican (drainage basin)

1/8/2021 BMM

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 320 acre-feet OR gallons per calendar year, to be diverted at a maximum rate of 800 gallons per minute OR cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can NOT be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
(a) [] Artificial Recharge (b) [X] Irrigation (c) [] Recreational (d) [] Water Power
(e) [] Industrial (f) [] Municipal (g) [] Stockwatering (h) [] Sediment Control
(i) [] Domestic (j) [] Dewatering (k) [] Hydraulic Dredging (l) [] Fire Protection
(m) [] Thermal Exchange (n) [] Contamination Remediation

YOU MUST COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:
F.O. 3 GMD Meets K.A.R. 5-3-1 (YES / NO) Use IRR Source G/S County RP By BMM Date 1/8/21
Code REZ Fee \$ 300 TR # Receipt Date 1.8.2021 Check # 1443

1/11/2021 LMoody

5. The location of the proposed wells, pump sites or other works for diversion of water is:

1/12/2021
BMM

Note: For the application to be accepted, the point of diversion location 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.

1/25/2021
BMM

- (A) One in the NW quarter of the NW quarter of the NW quarter of Section 6, more particularly described as being near a point 5260' feet North and 3640' feet West of the Southeast corner of said section, in Township 1 South, Range 4 East/West (circle one), REPUBLIC County, Kansas.
- (B) One in the NW quarter of the NW quarter of the NE quarter of Section 6, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township 1 South, Range 4 East/West (circle one), REPUBLIC County, Kansas.
- (C) One in the NW quarter of the NE quarter of the NW quarter of Section 6, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township 1 South, Range 4 East/West (circle one), REPUBLIC County, Kansas.
- (D) One in the NW quarter of the NE quarter of the NE quarter of Section 6, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township 1 South, Range 4 East/West (circle one), REPUBLIC County, Kansas.

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 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

(LLC OWNER) DANA GRAUERHOLZ-28328 GAILAND RD ST. MARYS KS 785-410-0066 CELL

(LLC OWNER) SANDRA BRADEN-933 E 1938TH RD EUDORA KS 66025 785-806-2680 CELL 785-233-4512

DEANNA WITTSTRUCK-7707 WALNUT ST OMAHA NE 68124 402-659-5134 CELL

(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

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

Executed on January 3, 2021. [Signature]
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of 1 WELL

(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) APRIL 2021

(Month/Day/Year - each was or will be completed)

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NW/4
per BMM
3960'
3960'

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8. The first actual application of water for the proposed beneficial use was or is estimated to be MAY 1 2022.
(Mo/Day/Year)

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 the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

• If yes, show the Water Structures permit number here _____

• If no, explain here why a Water Structures permit is not required _____

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

(a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.

(b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.

(c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.

(d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.

(e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points 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.

13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph

No.	(A)	(B)	(C)	(D)
Date Drilled	No wells Drilled yet.			
Total depth of well	Application First			
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of TENANT/FAMILY MEMEBRS _____.
(owner, tenant, agent or otherwise)

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

(LLC OWNER) DANA GRAUERHOLZ-28328 GAILAND RD ST. MARYS KS 785-410-0066 CELL
(LLC OWNER) SANDRA BRADEN-933 E 1938TH RD EUDORA KS 66025 785-806-2680 CELL 785-233-4512
DEANNA WITTSTRUCK-7707 WALNUT ST OMAHA NE 68124 402-659-5134 CELL
 (name, address and telephone number)

_____ (name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Republic, Kansas, this 3 day of January, 2021.
(month) (year)

Witt A. J. owner/manager
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

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Assisted by _____ Date: _____
(office/title)

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**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. _____

Name of Applicant (Please Print): Grauerholz Farms LLE

I. 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: Dana Grauerholz (25%)
ADDRESS: 28328 Garland Rd St. Marys KS 66536

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6	1	4					40	40	40	40	40	40	30						

Landowner of Record NAME: Sandra Braden (25%)
ADDRESS: 933 E 1938th Rd Eudora KS 66025

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6	1	4					40	40	40	40	40	40	30						

Landowner of Record NAME: Deanna Wittstruck (50%)
ADDRESS: 7707 Walnut St. Omaha NE 68124

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6	1	4					40	40	40	40	40	40	30						

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
See Attached			
Total:	100 %		

b. Estimate the average land slope in the field(s): 3 %

Estimate the maximum land slope in the field(s): 7 %

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

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

We are 100% no till with cover crop practices in place. The pivot I am planning on will include soil moisture sensors for highest users.

ii. For sprinkler systems:

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

(2) What is the sprinkler package design rate? _____ 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? _____ 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:

wheat, Corn, Soybeans, 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).

I am planning on using drought varieties of crops and are planning moisture control and probes

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

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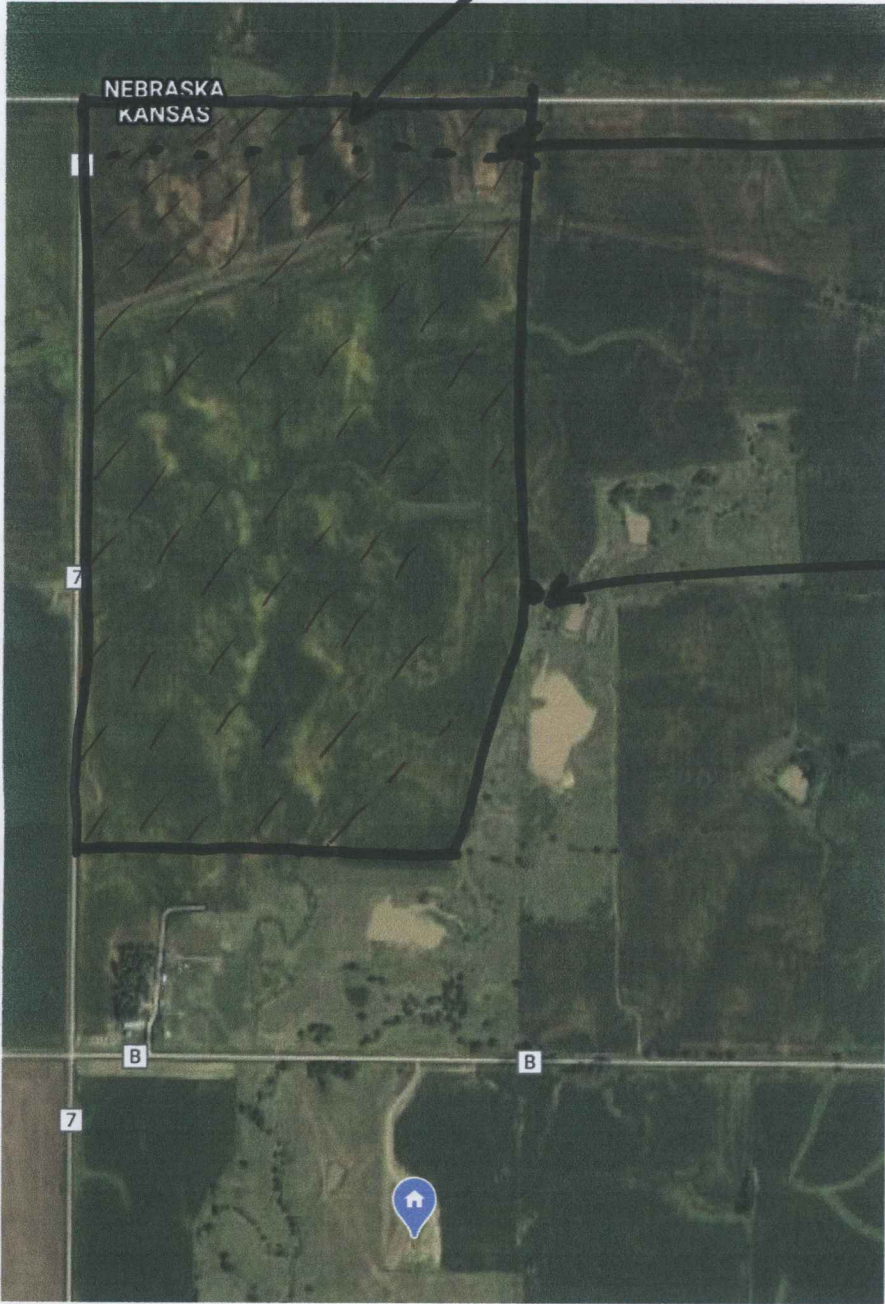
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Find a place



Proposed well location



Proposed Irrigated Well Field

Great is two separate pivot towers with drops

Center Section

6-1-4 Republic County

May 4 2020



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Tap to see quick actions

11/20/2011



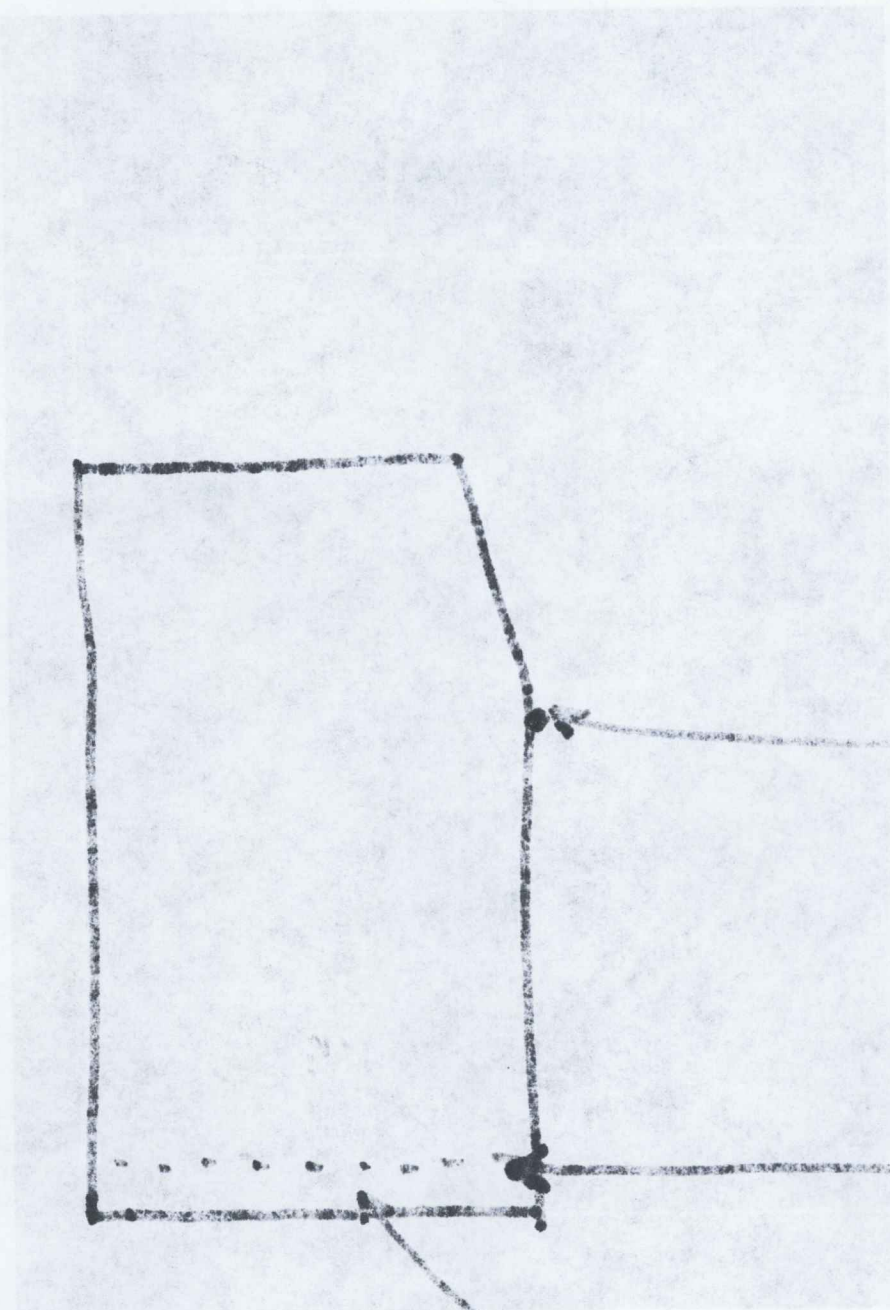
Work of 2010

noted 2010

change out of line

11/20/2011

noted flow beginning





Fields

Prescriptions

Data

Import

Notifications

Brett Grauerholz's Operation

Buy

North House Whole

2021

Soil (SSURGO) - Soil Type

Soil (SSURGO) - Soil Type

Area

Soil Type

24 ac

Crete silt loam, 1 to 3 percent slopes, loess plains and breaks

23.7 ac

Crete silty clay loam, 3 to 7 percent slopes, eroded, loess plains and breaks

23.9 ac

Geary silty clay loam, 3 to 7 percent slopes, severely eroded

0.6 ac

Geary-Hobbs silt loams, 0 to 30 percent slopes

21.1 ac

Hastings silt loam, 1 to 3 percent slopes

78.7 ac

Hastings silty clay loam, 3 to 7 percent slopes, eroded

71.7 ac

Hastings-Hobbs complex, 0 to 25 percent slopes



Weather

Planting

Planted

Avg Population

View Prescriptions

Harvest



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Recenter





Fields

Prescriptions

Data

Import

Notifications

4 Brett Grauerholz's Operation

Buy

North House Whole

2021

Soil (SSURGO) - Drainage

Soil (SSURGO) - Drainage

Area Drainage

Area	Drainage
24 ac	Poorly drained
23.7 ac	Poorly drained
23.9 ac	Poorly drained
0.6 ac	Poorly drained
21.1 ac	Somewhat poorly drained
78.7 ac	Well drained
71.7 ac	Well drained

Weather

Planting

Planted

Avg Population

View Prescriptions

Harvest

Avg Yield

Moisture

Harvested

Field Health

No field health imagery for this crop year

Activities

No activities found



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Recenter



LC 50	KANSAS SECRETARY OF STATE Limited Liability Company Annual Report
	Memorial Hall, 1st Floor 120 S.W. 10th Avenue Topeka, KS 66612-1594

5833 01 050 009 \$. 1	FILED BY KS SOS 03-05-2020 12:38:45 PM FILE#: 8450009
 05567033	

1. Business entity ID # <small>(17-76, 139(a)(1))</small>	This is not the Federal Employer ID Number (FEIN).	8450009
2. LLC name <small>(17-76, 139(a)(1))</small>	Must match name on record with Kansas Secretary of State.	GRAUERHOLZ FARMS LLC
3. Tax closing date	Month: 12 Year: 2019	4. State of organization KANSAS

5. Name and address of each member who owns 5% or more of capital (Kansas LLC only) <small>If additional space is needed, please provide attachment. (17-76, 139(a)(2))</small>	Name SEE STATEMENT 1	Address		
	City	State	ZIP	Country
	Name	Address		
	City	State	ZIP	Country
Name	Address			
City	State	ZIP	Country	

6. Federal Employer Identification Number (FEIN) <small>(Not required)</small>	82-0610314
--	-------------------

7. I declare under penalty of perjury pursuant to the laws of the state of Kansas that the foregoing is true and correct. <small>(17-76, 139(c))</small>	
Signature of Authorized Person X <i>Brett A Grauerholz</i>	
Name of Signer (printed or typed) BRETT A GRAUERHOLZ	Phone Number (Not required) 785-527-1375

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Please review to ensure completion.

FORM LC MEMBERS WHO OWN MORE THAN 5% OF CAPITAL STATEMENT 1

NAME BRETT A GRAUERHOLZ
ADDRESS 737 BIRCH ROAD
CITY HARDY
STATE NE
ZIP 68943
COUNTRY USA

NAME DANA A GRAUERHOLZ
ADDRESS 28328 GAILAND RD
CITY ST MARYS
STATE KS
ZIP 66536
COUNTRY USA

NAME GREGORY G BRADEN
ADDRESS 933 E 1938TH RD
CITY EUDORA
STATE KS
ZIP 66025
COUNTRY USA

KANSAS SECRETARY OF STATE
NON-CERTIFIED WEB COPY
1/3/2021 10:37:06 AM

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Grauerholz Farms LLC

737 Birch Rd
Hardy, NE 68943
785-527-1375

Division of Water Resources
1320 Research Park Drive
Manhattan, KS 66502

January 3, 2021

Dear Water Resources,

Grauerholz Farms LLC is applying for a permit to Appropriate Water for Beneficial Use of section 6-1-4, Washington Township in Northern Republic County KS.

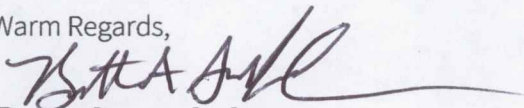
Grauerholz Farms LLC is a family farm operation owned by Brett Grauerholz, Dana Grauerholz, and Gregory Braden as stated by the attached 2019 Annual Report filled by Grauerholz Farms LLC. Brett Grauerholz is listed at the operating manager of the LLC with the other partners as members and landowners.

Grauerholz Farm LLC is applying for the permit to irrigate the attached acres listed in section 6-1-4. We are a no till row crop operation that implements cover crops for winter cover to hold and rejuvenated the soils. Grauerholz Farms LLC is intending this irrigated area to be a yield equalization of the said area, not a yield maximization of said area.

As directed from local water resource office, we have applied for said use before drilling any wells as we are on the eastern edge of a limited exploration area. The proposed well will be drilled along the Kansas/Nebraska state line in the northern area of section 6-1-4. I have attached a drawing of local wells around in a multi-mile distance along with another drawing of the proposed location of said well.

Please feel free to reach out via phone to myself at (785)527-1375, Dana Grauerholz at (785)410-0066, or Sandra/Greg Braden at (785)806-2680 or at Braden Heidner Lowe & Associates at (785)233-4512

Warm Regards,


Brett Grauerholz
Owner/Manager

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DATA ENTRY SYSTEM ID NUMBER SHEET

FILE NUMBER 50503

APPLICANT PERSON ID & SEQ #	88546	PDIV ID	BATTERY ID
<u>67639</u>			

LANDOWNER PERSON ID & SEQ #	70228	PUSE ID
<u>52880</u>		
<u>67640</u>		
<u>52881</u>		

**WATER USE CORRESPONDENT
PERSON ID & SEQ #**
67639

