

Kansas Department of Agriculture
Division of Water Resources
 APPROVAL OF NEW APPLICATION WORKSHEET

1. File No.: 50843	2. Status Change Date: 3/12/2024	4. Field Office: 02 - Stafford GMD: 02 - Equus Beds Structures File No.: Filing/Priority Date: 08/05/2022
3. Package File No(s):		
5a. <input checked="" type="checkbox"/> Applicant <input checked="" type="checkbox"/> Owner <input checked="" type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID 25541 Add Seq# 1 DAVID M & SUSAN J STROBERG TRUSTS 5016 N HENDRICKS ST HUTCHINSON, KS 67052	5b. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID Add Seq#	
5c. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID Add Seq#	5d. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID Add Seq#	
6. Change No.: --- <input type="checkbox"/> PD <input type="checkbox"/> PU <input type="checkbox"/> UMW Base Acres: --- Year: --- Min Reasonable Q: --- Previous UMW: Not changing MDS Gauge: --- Active Admin? <input type="checkbox"/> Completion/Start Date: --- Perfection/Expiration Date: --- 12/31/25 12/31/29		7. Use of Water <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water UMW: IRR-Irrigation UMW: UMW:
8. Action Trail ---		
9. Special Conditions ---		
10. 5YR Allocation Type: Start Year: --- 5YR Quantity: --- Base Acres: --- Comment: ---		
11. Sand & Gravel Proj ID: --- <input type="checkbox"/> Active <input type="checkbox"/> Dredge <input type="checkbox"/> IND Evap <input type="checkbox"/> Jr Evap <input type="checkbox"/> Other Diversion <input type="checkbox"/> Rpt on Sr		
12. Waiver Rule ID: --- <input type="checkbox"/> New Date Requested: --- Applies: --- Rule No.: --- Rule Type: --- Justification: --- Rule SubType: ---		
Comments	Processed 03/08/24 JNE	Entered 3/19/2024 KAnderson
	Reviewed KAK 3/12/2024	

File No. 50,843	13. County: RN Basin: 33 - Arkansas River Stream:																							
Structures File No:	Aquifer Code: 190 Equus Beds										Special Use Area: --- ---													
14. Points of Diversion, Rates & Quantities																								
PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Qty AF Auth	Add	Rate gpm Auth	Add	Storage Qty Auth	Add	Storage Rate Auth/Add	Overlaps								
CHK 89741	NW SE SE	23	22S	7W	5	927	873		70	70	800	800												
15. Limitations Type: Quantity: AF Rate: gpm combined with file no(s): Type: Quantity: Rate: combined with file no(s):																								
16. Metering Yes Metering Required <input type="checkbox"/> Anti-Reverse Required <input type="checkbox"/> Seal Required Compliance Date: 12/31/2025																								
17. Place of Use																								
PDIV	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner(s)	Chg?	Overlaps
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
CHK 70981	23	22	7W	3													4.0		9.0	37.0	50.0	5a	<input type="checkbox"/>	<input type="checkbox"/>
18. Point of Diversion and Place of Use Overlaps																								
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KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: December 8, 2023

FROM: Jessica Engelbrecht

RE: Application, File No. 50,843

David Stroberg has filed the referenced application to appropriate groundwater for irrigation use, requesting one (1) well, a quantity of 70 acre-feet, and a diversion rate of 800 gallons per minute. The proposed well is to be located in the Northwest Quarter of the Southeast Quarter of the Southeast Quarter (NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 23, more particularly described as being near a point 927 feet North and 873 feet West of the Southeast corner of said section, in Township 22 South, Range 7 West, Reno County, within the Arkansas River drainage basin. The proposed point of diversion is located within the boundaries of Equus Beds Groundwater Management District No. 2. There are no other water rights overlapping the proposed point of diversion or place of use. The applicant has signed the application form stating that they have legal access to the point of diversion.

The applicant identified three wells within one-half mile of the proposed well. All three were owned by the applicant. No nearby letters were mailed. According to the WRIS database, the nearest non-domestic point of diversion (Water Right, File No. 34,427) is located approximately 1,487 feet away. Based on the site map the closest domestic well is approximately 3,200 feet away. The proposed point of diversion meets minimum well spacing to all existing wells. Per the requirements in K.A.R. 5-22-2 for wells located within Equus Beds Groundwater Management District No. 2, the minimum well spacing should be 1,320 feet to all other non-domestic wells and 660 feet to domestic wells.

A GMD 2 monitoring well is located approximately 1,000 feet away. The well log indicates layers of sand and clay from 0 to 120 feet and red shale from 120 to 125 feet. The static water level is 10 feet. The likely source of the proposed well is the Equus Beds. Water level from nearby monitoring wells indicate minimal change over the last twenty-five years.

The requested quantity of water, 70 acre-feet, is to irrigate the proposed 50 acres identified in the application. This comes out to 1.4 acre-feet per acre which is the maximum allowable of 1.4 acre-feet per acre for Reno County, Kansas.

A copy of the application was submitted to Equus Beds Groundwater Management District No. 2 on November 8, 2023. GMD 2 recommended approval of the application in a letter, received via email, on November 30, 2023. In the letter they said the application complies with Rules and Regulations K.A.R. 5-22-1 through 5-22-17, and recommended approval of the application.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed. A water level measurement tube is required because this is a proposed new well exceeding 100 gpm.

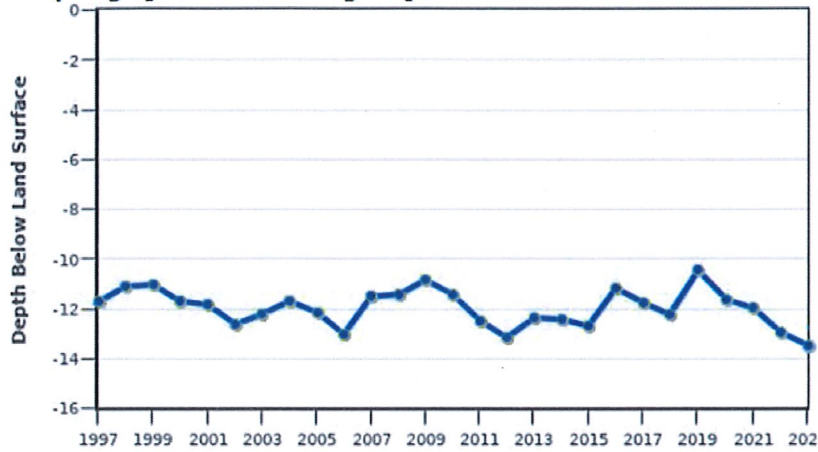
Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the referenced application on February 9, 2024.

Based on the above discussion, well spacing and safe yield criteria are met, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

General Well Site Information ?

USGS ID:	380659098030401	KGS Local Well ID:	22S 07W 23DDD 01
County:	Reno	PLSS Description:	22S 7W 23 SESESE
HUC 8 Code:	11030010	GMD:	Equus Beds GMD #2
Longitude:	-98.050359	Lat/Long Source:	GPS
Latitude:	38.11587	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	1581.32	Depth of Well (ft):	Unknown
Geological Unit Codes:		USGS Map Name:	YAGGY
Use of Site:	Observation	Use of Water:	Unused
WWCS Links:	None	WIMAS Link:	None

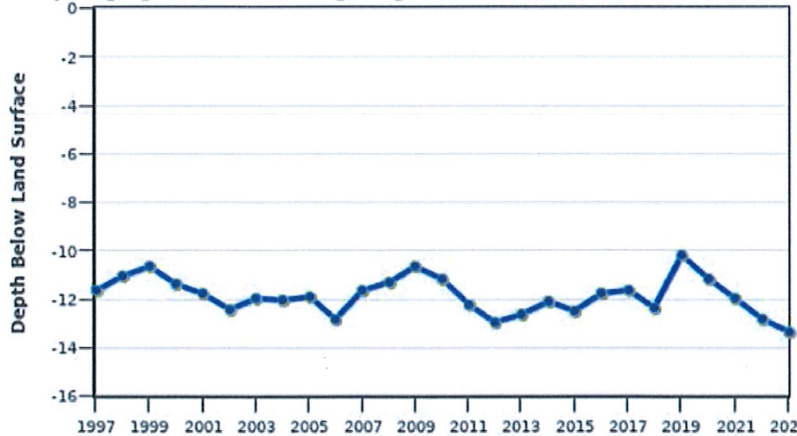
Hydrograph- Annual Average Depth to Water Below Land Surface



General Well Site Information ?

USGS ID:	380659098030402	KGS Local Well ID:	22S 07W 23DDD 02
County:	Reno	PLSS Description:	22S 7W 23 SESESE
HUC 8 Code:	11030010	GMD:	Equus Beds GMD #2
Longitude:	-98.050356	Lat/Long Source:	GPS
Latitude:	38.115872	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	1581.32	Depth of Well (ft):	Unknown
Geological Unit Codes:		USGS Map Name:	YAGGY
Use of Site:	Observation	Use of Water:	Unused
WWCS Links:	112026	WIMAS Link:	None

Hydrograph- Annual Average Depth to Water Below Land Surface



Engelbrecht, Jessica [KDA]

From: Lanterman, Jeff
Sent: Friday, February 9, 2024 3:37 PM
To: Conant, Cameron [KDA]; Engelbrecht, Jessica [KDA]
Subject: RE: 50843 New App Approval Recommendation

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Jessica.

I looked this one over. Its kind of a slam dunk.

I was looking at the hydrographs there. It has declined pretty much every year since 2019. Be interesting to have a q stable in that area. There is a lot of post 48k development in the safe yield circle.

No reason not to approve this one, so I recommend approval.

Thanks
Jeff

From: Rebecca Wilson <rwilson@gmd2.org>
Sent: Thursday, November 30, 2023 4:42 PM
To: Engelbrecht, Jessica [KDA] <Jessica.Engelbrecht@ks.gov>
Subject: 50843 New App Approval Recommendation
Importance: High

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Jessica,

Attached are the New App Approval Recommendation and Meter Installation Letter for #50843 from Manager Tim Boese.

Please let me know if you have any difficulty opening the attachments.

Thanks!

Rebecca

Rebecca Wilson
Administrative Assistant
Groundwater Management District #2
313 Spruce St.
Halstead, KS 67056
316-835-2224
316-835-2225 Fax
www.gmd2.org

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
Earl D. Lewis Jr., 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. 50,843** of the applicant

**DAVID M STROBERG
5016 NORTH HENDRICKS ST
HUTCHINSON, KS 67502**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, 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 **August 5, 2022**.

2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

Sec. Twp. Range	NE¼				NW¼				SW¼				SE¼				TOTAL
	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
23 - 22S - 7W													4		9	37	50

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Northwest Quarter of the Southeast Quarter of the Southeast Quarter (NW¼ SE¼ SE¼) of Section 23, more particularly described as being near a point 927 feet North and 873 feet West of the Southeast corner of said section, in Township 22 South, Range 7 West, Reno 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 **800 gallons per minute (1.78 c.f.s.)** and to a quantity not to exceed **70 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2025**, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$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 of \$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, 2029, 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 of \$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 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 an operating condition satisfactory to the Chief Engineer.

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 condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. These water flow meters shall be used to provide an accurate quantity of water diverted as required for the annual water use report (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 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.

17. 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.

Ordered this *12* day of *March*, 2024, in Manhattan, Riley County, Kansas.

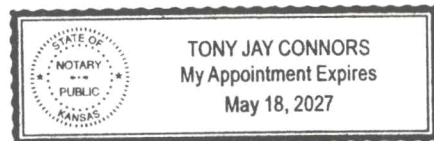
Lane P. Letourneau

Lane P. Letourneau, P.G.
Water Appropriation Program Manager
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this *12* day of *March*, 2024, by Lane P. Letourneau, P.G., Water Appropriation Program Manager, Division of Water Resources, Kansas Department of Agriculture.

Tony Jay Connors
Notary Public



1320 Research Park Drive
Manhattan, KS 66502
785-564-6700
www.agriculture.ks.gov



900 SW Jackson, Room 456
Topeka, KS 66612
785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

March 13, 2024

DAVID M STROBERG
5016 N HENDRICKS ST
HUTCHINSON KS 67502-9677

RE: Appropriation of Water
File No. 50,843

Dear Mr. Stroberg:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a 301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. A water meter is required, and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed.

All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. Additional information and applicable forms may be found on our website at: agriculture.ks.gov/dwr. If you have any questions or need assistance with any of these requirements, please contact our office at 785-564-6640, or your local Stafford Field Office at 620-234-5311. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:kak:jne
Enclosures

pc: Stafford Field Office
Equus Beds GMD No. 2

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Division, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for review may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

CERTIFICATE OF SERVICE

On this 13 day of March, 2024, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 50,843, dated March 12, 2024, was mailed postage prepaid, first class, US mail to the following:

DAVID M STROBERG
5016 N HENDRICKS ST
HUTCHINSON KS 67502

With photocopies to:

KDA-DWR Stafford Field Office

Equus Beds GMD No. 2



Division of Water Resources