

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

1. File Number: <p style="text-align: center; font-size: 1.2em;">49739</p>	2. Status Change Date: <p style="text-align: center; font-size: 1.2em;">3/20/2017</p>	3. Field Office: <p style="text-align: center; font-size: 1.2em;">01</p>	4. GMD:
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
<p>7a. Applicant(s) Person ID 32632 New to system <input type="checkbox"/> Add Seq# 1</p> <p>UNIVERSITY OF KANSAS FIELD STATION 2101 CONSTANT AVE LAWRENCE KS 66047</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>		
<p>7b. Landowner(s) Person ID 8995 New to system <input type="checkbox"/> Add Seq# 1</p> <p>KU ENDOWMENT ASSN PROPERTY MANAGEMENT PO BOX 928 LAWRENCE KS 66044-0928</p>	<p>7d. Landowner Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>		
<p>8. WUR Correspondent Person ID 32632 New to system <input type="checkbox"/> Add Seq# 1 Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>UNIVERSITY OF KANSAS FIELD STATION 2101 CONSTANT AVE LAWRENCE KS 66047</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input checked="" type="checkbox"/> IND SIC: 0273 <input type="checkbox"/> OTHER: _____</p>		
10. Completion Date: <u>12/31/2018</u> 11. Perfection Date: <u>12/31/2022</u> 12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date to Comply: _____ Date WLMD Installed: _____			
<p>Date Prepared: 03/08/2017 By: RAK Date Entered: 3/23/2017 By: LLM</p>			

File No. **49,739** 15. Formation Code: **112** Drainage Basin: **KANSAS RIVER** County: **DG** Special Use: Stream:

16. Points of Diversion										
MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W
MOD			36255	SE¼ SE¼ SE¼	8	12S	20E	3	101	90

17. Rate and Quantity				
Authorized			Additional	
Rate gpm	Quantity af/mgy	Rate gpm	Quantity af/mgy	Overlap PD Files
300 g.p.m.	32.585 m.g.y. (100 AF)	300 gpm	30.470 m.g.y. (93.51 AF)	26460 & 40000

18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: **58.653 m.g.y. (180AF)** af/yr at _____ gpm (_____ cfs) when combined with file number(s) **26460 and 40000**

20. Meter Required? Yes No To be installed by **12/31/2018** Date Acceptable Meter Installed _____

21. Place of Use							NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files	
MOD	DEL	ENT	PUSE	S	T	R	ID	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
√			7872	33	11S	20E	1	AQUATIC RESEARCH FACILITY (E2)--JEFFERSON COUNTY																7b	NO	26460 & 40000	
√			68144	34	11S	20E	2	AQUATIC RESEARCH FACILITY (SW)--LEAVENWORTH COUNTY																7b	NO	26460 & 40000	
ENT			33896	8	12S	20E	2	GEOHYDROLOGIC RESEARCH AND MONITORING SITE IN SE SE SE-DOUGLAS CO																7b	NO	26460 & 40000	

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
M E M O R A N D U M

TO: Files

DATE: March 8, 2017

FROM: Richelle A. Krueger

RE: Application, File No. 49,739
Change Application,
File Nos. 26,460 and 40,000

University of Kansas Field Station/KU Endowment Association filed the referenced application to appropriate groundwater for industrial use, requesting a quantity of 32.585 million gallons per calendar year (100 acre-feet) and a diversion rate of 300 gallons per minute. The proposed point of diversion is an existing well located 101 feet North and 90 feet West of the Southeast corner of Section 8, Township 12 South, Range 20 East, Douglas County within the drainage basin of the Kansas River. The proposed point of diversion and place of use will overlap Water Right, File Nos. 26,460 and 40,000. File Nos. 26,460 and 40,000 are authorized a limited total of 28.183 million gallons (86.49 acre-feet) and limited diversion rate of 120 gallons per minute. The referenced change applications for File Nos. 26,460 and 40,000 will update the place of use to match the actual location and will create an exact overlap in point of diversion and place of use with File No. 49,739.

Based on K.A.R. 5-3-11, the area of consideration is 4,286 acres, but recharge was determined to be 9.23 inches, with 75% available for appropriation, and safe yield is 2,472.16 acre-feet. Existing non-domestic water rights within the 2-mile circle have appropriated 1,891.41 acre-feet, so water is available. File No. 49,739 will be limited to 58.653 million gallons (180 acre-feet) when combined with File Nos. 26,460 and 40,000 since that is the quantity justified in the application.

The place of use will be described as an aquatic research facility located in the East Half (E½) of Section 33, Township 11 South, Range 20 East, Jefferson County, Kansas, and in the Southwest Quarter (SW¼) of Section 34, Township 11 South, Range 20 East, Leavenworth County, Kansas, and at the Geohydrologic Research and Monitoring Site (GEMS) in the Southeast Quarter of the Southeast Quarter (SE¼ SE¼ SE¼) of Section 8, Township 12 South, Range 20 East, Douglas County, Kansas.

WRIS and the application map indicate there are two municipal wells and two domestic wells within one-half mile of the proposed existing well. The nearby well owners were notified of the referenced applications in letters dated January 25, 2017. Dale Wise on behalf of the Bertha Wise Revocable Trust contacted this office via e-mail inquiring about the proposed applications. Mr. Wise was not opposed as long as KU did not affect their well operation and indicated their family has been there 75 years with good water and are not on the waterline. In an e-mail dated February 9, 2017, Mr. Wise was informed that based on our map the proposed existing well meets spacing requirements to their domestic well and to contact the field office if problems should occur. On February 14, 2017, a call was returned to Jerry Stewart of Jefferson RWD No. 13, nearby municipal well owner, to discuss the referenced applications. He was informed that the applicant filed for 100 acre-feet with no limitations, that the applicants are not really changing how they operate, just correcting and updating. I told him the additional quantity would be junior priority, and to call the field office if he became impaired. No further comments have been received.

The proposed well appears to meet 1,320 feet spacing requirements of K.A.R. 5-4-4 to nearby wells except for a municipal well authorized by File Nos. 24,331 and 42,725 since the wells are approximately 1,048 feet apart. However, K.A.R. 5-4-4 allows the Chief Engineer to determine spacing necessary to prevent direct impairment between wells. There have been no reports of problems between the two wells and it appears spacing is sufficient to prevent direct impairment.

The proposed well is existing so no test hole log was submitted with the pending new application. The source of supply was previously determined to be Tributary Alluvium (112).

The applicant submitted a signed Kansas River Assurance District form.


The proposed change in place of use for File Nos. 26,460 and 40,000 complies with K.A.R. 5-5-11, as the changes propose to create a complete overlap in the point of diversion and place of use with the new application. File No. 49,739 is sufficient to cover any increase in the consumptive use. The referenced change applications are not abandoned pursuant to K.S.A. 82a-718 and the same local source of supply will not change.

The authorized well under File Nos. 26,460 and 40,000 will be better described with g.p.s. feet distances.

In a phone conversation between Katherine Tietsort, Water Commissioner of the Topeka Field Office and Brent Turney, Change Application Unit Supervisor on March 2, 2017, Katie indicated no objections to approval of the referenced applications.

A water flowmeter is required and a check valve is required if chemigating.

Based on the above discussion, and the area is open to new appropriations, it has been recommended that the referenced applications be approved.


Richelle A. Krueger
Environmental Scientist
Change Application Unit

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

April 4, 2017

FILE COPY

KU ENDOWMENT ASSN
PROPERTY MANAGEMENT
ATTN DALE SEUFERLING
PO BOX 928
LAWRENCE KS 66044-0928

RE: Appropriation of Water, File No. 49,739
Water Right, File Nos. 26,460 and 40,000

Dear Mr. Seuferling:

There is enclosed a permit (File No. 49,739) 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.

(OVER→)

KU ENDOWMENT ASSN

File Nos. 26,460; 40,000 and 49,739

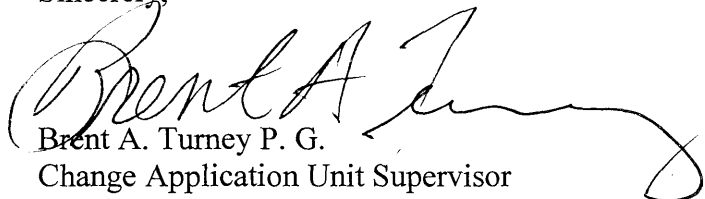
Page 2

In addition, enclosed are orders executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under Water Right, File Nos. 26,460 and 40,000. Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals is that acceptable water flow meters must be installed on the diversion works authorized under the referenced file numbers. Please return the required notification of completion of the installation of the required meters as soon as these actions are completed.

Please be reminded that reports of water usage must be submitted to this office annually. Records indicating the amount of water used should be furnished to the Chief Engineer by March 1 following the end of the previous calendar year so that the continued use of water becomes a matter of record in this office. The owner, or his or her legally designated agent, is held responsible for submitting annual water use reports. Failure to file an accurate water use report is a violation of law which makes you subject to civil penalties.

If you have any questions, please contact this office. If you call, please reference the file number so we can help you more efficiently.

Sincerely,



Brent A. Turney P. G.
Change Application Unit Supervisor

BAT:rak

pc: Topeka Field Office
KU-Field Station, Attn Scott W. Campbell

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**

(This is not a Certificate of Appropriation)

FILE COPY

This is to certify that I have examined Application **File No. 49,739** of the applicant

**UNIVERSITY OF KANSAS-FIELD STATION
2101 CONSTANT AVENUE
LAWRENCE KS 66047**

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 **December 8, 2016**.
2. That the water sought to be appropriated shall be used for industrial use at an aquatic research facility located in the East Half (E $\frac{1}{2}$) of Section 33, Township 11 South, Range 20 East, Jefferson County, Kansas, and in the Southwest Quarter (SW $\frac{1}{4}$) of Section 34, Township 11 South, Range 20 East, Leavenworth County, Kansas, and at the Geohydrologic Research and Monitoring Site in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 8, Township 12 South, Range 20 East, Douglas County, Kansas.
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 Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 8, more particularly described as being near a point 101 feet North and 90 feet West of the Southeast corner of said section, in Township 12 South, Range 20 East, Douglas County, Kansas, located substantially as shown on the map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **300 gallons per minute (0.67 c.f.s.)** and to a quantity not to exceed **32.585 million gallons (100 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, 2018** 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, 2022** 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 the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter 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 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.

CERTIFICATE OF SERVICE

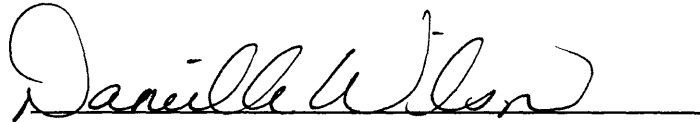
On this *4th* day of *April*, *2017*, I hereby certify that the foregoing Approval of Application, File No. 49,739, dated *March 20, 2017* was mailed postage prepaid, first class, US mail to the following:

KU ENDOWMENT ASSN
PROPERTY MANAGEMENT
PO BOX 928
LAWRENCE KS 66044-0928

With photocopies to:

UNIVERSITY OF KANSAS
FIELD STATION
2101 CONSTANT AVE
LAWRENCE KS 66047

Topeka Field Office



Division of Water Resources

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49739
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

DEC 08 2016

11:38

KS DEPT OF AGRICULTURE

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.)

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

1. Name of Applicant (Please Print): UNIVERSITY OF KANSAS - FIELD STATION
Address: 2101 CONSTANT AVE
City: LAWRENCE State: KS Zip Code 66047
Telephone Number: (785) 864-1500

2. The source of water is: [] surface water in (stream)
OR [x] groundwater in KANSAS RIVER BASIN (drainage basin)

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 100 acre-feet OR 32.585 million gallons per calendar year, to be diverted at a maximum rate of 300 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) [] Irrigation (c) [] Recreational (d) [] Water Power
(e) [x] 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. [] GMD [x] Meets K.A.R. 5-3-1 (YES / NO) Use (IND) Source (G) / S County DG By KAB Date 12/8/16
Code REG Fee \$ 200 TR # Receipt Date 12/8/16 Check # INTERFUND

3 8 17
RAK

AA00198682
SCANNED
12/14/2016 UCM

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

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.

- * (A) One in the SE quarter of the SE quarter of the SE quarter of Section 8, more particularly described as being near a point 100¹⁰¹ feet North and 100⁹⁰ feet West of the Southeast corner of said section, in Township 12 South, Range 20 EAST, DOUGLAS County, Kansas.
- (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 _____ East/West (circle one), _____ County, Kansas.
- (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 _____ East/West (circle one), _____ County, Kansas.
- (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 _____ East/West (circle one), _____ 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):

(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 2 Dec, 2016.  X
Applicant's Signature

7. The proposed project for diversion of water will consist of ONE WELL
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) EXISTING WELL
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be SUMMER 2017.
(Mo/Day/Year)

* Feet distances modified per GPS Feet distances obtained during 9/7/16 Compliance investigation TFC.
* 10/14/16 11/25/17

**INDUSTRIAL USE
SUPPLEMENTAL SHEET**

File No. 49739

Name of Applicant (Please Print): UNIVERSITY OF KS - FIELD STATION

1. Please describe type of industry or product produced: AQUATIC RESEARCH FACILITY
Standard Industrial Classification Code Number: *0273

2. Please complete the following table to show your past and present water requirements:

PAST PRODUCT PRODUCTION AND WATER DIVERTED, IF APPLICABLE

LAST 5 YEARS	AMOUNT OF PRODUCT	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
5 years ago			
Last year			
Present year		55.9 AF	

3. Please complete the following table to show your future water requirements:

ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED

NEXT 5 YEARS	AMOUNT OF PRODUCT	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1		180 AF	
Year 2		180 AF	
Year 3		180 AF	
Year 4		180 AF	
Year 5		180 AF	

see Attached memo (7/26/94)

Number of days of operation of the industry per year is 365 days.

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
		*	INDUSTRIAL USE AT AN AQUATIC RESEARCH FACILITY LOCATED IN THE EAST HALF (E½) OF SECTION 33, IN TOWNSHIP 11 SOUTH, RANGE 20 EAST, JEFFERSON COUNTY, KANSAS, AND THE SOUTHWEST QUARTER OF SECTION 34, IN TOWNSHIP 11 SOUTH, RANGE 20 EAST, LEAVENWORTH COUNTY, KANSAS, and at the Geo hydrologic Research and Monitoring Site in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE¼SE¼SE¼) of 8-125-20E Douglas Co KS																

* Modified per 12/5/16 letter from Scott Campbell, KU Field Station

**WATER RESOURCES
RECEIVED**

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

DEC 08 2016

SCANNED

* Rainwater 3/7/17

* per UNHS

*File No. 49739

KANSAS STATE BOARD OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: July 26, 1994

FROM: Brent A. Turney

RE: Appropriation of Water
File No. 40,000

The University of Kansas Experimental and Applied Ecology Program has filed the above referenced application proposing to appropriate 150 acre-feet of groundwater at a diversion rate not to exceed 150 gallons per minute for industrial use at an existing experimental aquatic research center and at a hydrologic research and monitoring site operated by the Kansas Geologic Survey. The appropriation is located in the drainage basin of the Kansas River. There are currently 2,243.52 acre-feet of groundwater appropriated within a two (2) mile radius of the existing point of diversion.

The requested quantity appears to be reasonable and is justified as follows:

K.G.S. Hydrologic Research

150 gpm x 60 min/hr x 24 hrs x 23 days = 15 acre-feet
325,851 gallons

RECEIVED

DEC 05 1994

FIELD OFFICE
DIVISION OF WATER RESOURCE

K.U. Applied Ecology Program

77 mesocosm ponds x .581 acre-feet volume x
2 fillings per year = 89.48 acre-feet

≈ 100 small ponds ≈ 120 AF
+ 2 larger ponds ≈ 20 AF

3 ponds x 36.14 acre-feet total volume x
1 filling per year = 36.14 acre-feet

Evaporation from all ponds = 12.81 surface acres
x 10 inches net lake evaporation = 128.1/12 = 10.68 acre-feet

K.U. Ecology Program

Water to fill mesocosm ponds - 89.48 acre-feet

Water to fill other ponds - 36.14 acre-feet

Evaporation from ponds - 10.68 acre-feet

136.30 acre-feet

K.G.S. Hydrologic Research - 15.00 acre-feet

151.30 acre-feet

WATER RESOURCES
RECEIVED

DEC 08 2016

KS DEPT OF AGRICULTURE

This proposed appropriation will overlap in the point of diversion and place of use with Water Right, File No. 26,460. The rate of diversion will be limited to 150 gallons per minute when combined with File No. 26,460. The quantity will be limited to 151.3 acre-feet when combined with overlapping File No. 26,460.

SCANNED MICROFILMED

* 10/10 2/10

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 _____

GROUNDWATER WELL

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.

FILE NOS. 26,460 AND 40,000 OVERLAP IN PD AND PU.

WATER RESOURCES RECEIVED

DEC 08 2016

KS DEPT OF AGRICULTURE

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** 10/2/17 3/8/17*

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	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

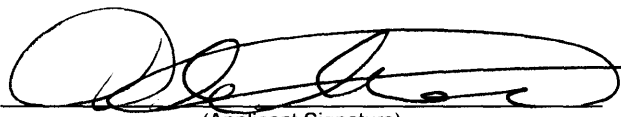
14. The relationship of the applicant to the proposed place where the water will be used is that of TENANT/AGENT
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):
KU ENDOWMENT ASSN, PROPERTY MANAGEMENT, PO BOX 928, LAWRENCE, KS 66044-0928
(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 Lawrence, Kansas, this 2 day of December, 2016.
(month) (year)

X 
(Applicant Signature) 48-0547734
APPLICANT(S) SOCIAL SECURITY IDENTIFICATION NUMBER(S)

By _____ and/or
(Agent or Officer Signature) APPLICANT(S) TAXPAYER I.D. NO.(S)

(Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO Date: 11/22/2016
(office/title)

11/22/2016 11:11 AM

811-00-000000000000

December 5, 2016

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

To Whom It May Concern:

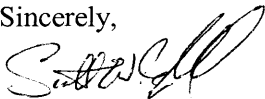
Attached are three signed documents, two of which are in regard to completing a change in place of use under Water Right, File Nos. 26,460 and 40,000. The third document represents a new application, which will provide additional water and overlap in point of diversion and place of use in combination with our senior files.

Please note there is a recurring error in all three documents, as presented here. I have been in communication with Mr. Doug Schemm (Doug.Schemm@kda.ks.gov; 785-296-5733), who worked with us in developing this application, and he understands the situation and also informed me that the necessary minor corrections can and will be made administratively once our formal application has been received. Basically, we would like to retain (as before) our privileges at the Geohydrologic Research and Monitoring Site (GEMS) "located in the southeast quarter of the southeast quarter of the southeast quarter (SE1/4 SE1/4 SE1/4) of Section 8, in Township 12 South, Range 20 East, Douglas County, KS" as an authorized place of use, much as is described in No. 4 of Files 26,460 and 40,000.

Otherwise, I understand that this application is mainly focused on more accurately defining the areas encompassed by the GEMS, and also our Aquatic Research Facility, which represents our largest and primary place of use.

Please contact Doug or me if you have any questions. Thank you.

Sincerely,



Scott W. Campbell
KU Field Station Experimental Pond Manager
University of Kansas, 152 Takeru Higuchi Hall
2101 Constant Ave
Lawrence, Kansas 66047
(785) 864-1502; swcamp@ku.edu

**WATER RESOURCES
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KS DEPT OF AGRICULTURE

**FORM TO BE USED WHEN APPLICABLE
WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River

Assurance Districts have been formed on the following rivers:

Kansas River Marias des Cygnes River Neosho River

The Kansas Water Office has Water Reservation Rights for the following reservoirs:

Big Hill	Marion
Clinton	Melvern
Council Grove	Milford
Elk City	Perry
Hillsdale	Pomona
John Redmond	Tuttle Creek

WATER RESERVATION RIGHTS



FEE SCHEDULE

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

ACRE-FEET	FEE
<u>0-100</u>	<u>\$200.00</u>
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

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

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage 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 a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

**WATER RESOURCES
RECEIVED**

DEC 08 2016

**KS DEPT OF AGRICULTURE
SCANNED**

X Paul... 11/10/16

Krueger, Richelle

From: Microsoft Outlook.
To: Bertha Wise
Sent: Thursday, February 9, 2017 5:15 PM
Subject: Relayed: RE: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

Bertha Wise (blw1921@yahoo.com)

Subject: RE: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Jeff. #13 Water Dist
Nearby well owner
26,460
40,000
49,739

Jerry Stewart
785-813-3794 ²⁻¹⁰⁻¹⁷

initially concerned about
a new well going in
nearby → told that the
new app was for add. @
at existing well, approx
4 mgd more than what's
already authorized

Krueger, Richelle

From: Krueger, Richelle
Sent: Thursday, February 9, 2017 5:15 PM
To: 'Bertha Wise'
Subject: RE: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Dear Mr. Wise,

This will acknowledge receipt of your February 9, 2017 e-mail in which you expressed comments concerning Application, File No. 49,739 and Applications to Change the Place of Use, Water Right, File Nos. 26,460 and 40,000. It appears the proposed well (which is an existing well) meets 660 feet well spacing requirements to your domestic well.

Your comments have been considered, and approval of the applications if granted, will authorize diversion of water only when it does not impair existing rights. Should the diversion of water under this application substantially impair your earlier rights, you should notify the field office in your area. The field office in your area is:

Kansas Department of Agriculture
Division of Water Resources-Topeka Field Office
6531 SE Forbes Ave., Suite B
Topeka, KS 66619
(785) 296-5733

If you have any questions, please contact our office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Richelle A. Krueger
Change Applications Unit
Water Appropriation Program

Richelle Krueger, Environmental Scientist
Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635
Richelle.Krueger@ks.gov (please note e-mail address change)
www.ksda.gov/dwr

From: Bertha Wise [mailto:blw1921@yahoo.com]
Sent: Thursday, February 9, 2017 2:44 PM
To: Krueger, Richelle <Richelle.Krueger@ks.gov>
Subject: Re: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Thank you for sending the links. As near as I can tell our house elevation is at 900' and our well is approximately 185' deep. The water station is about a 1/4 mile down the hill and appears to be at 833-850'. The water permits seem okay as long as KU can assure us they can pump the amounts requested without affecting our well operation. The folks have been here 75 years with good water and since we're not on the waterline there's a concern we could be vulnerable. I can be reached at (785) 393-0809 if I'm missing something or we need to further discuss the issue.

Thanks again,

Dale Wise
blw1921@yahoo.com
POA for Bertha L. Wise
(Dick A. Wise passed away in 2005)

On Monday, January 30, 2017 7:49 AM, "Krueger, Richelle" <Richelle.Krueger@ks.gov> wrote:

Hopefully the following links will speed it up a bit for you!

[http://dwr.kda.ks.gov/Notices/Topeka Field Office/2016/26460.20161208.Acc.Chg.pdf](http://dwr.kda.ks.gov/Notices/Topeka_Field_Office/2016/26460.20161208.Acc.Chg.pdf)

[http://dwr.kda.ks.gov/Notices/Topeka Field Office/2016/40000.20161208.Acc.Chg.pdf](http://dwr.kda.ks.gov/Notices/Topeka_Field_Office/2016/40000.20161208.Acc.Chg.pdf)

[http://dwr.kda.ks.gov/Notices/Topeka Field Office/2016/49739.20161208.Acc.App.pdf](http://dwr.kda.ks.gov/Notices/Topeka_Field_Office/2016/49739.20161208.Acc.App.pdf)

Richelle Krueger

From: Krueger, Richelle
Sent: Monday, January 30, 2017 7:29 AM
To: 'Bertha Wise' <blw1921@yahoo.com>
Subject: RE: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Good Morning,

Following is the link for the applications which are organized by field office and document year.

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

Please let me know if I can be of further assistance.

Richelle Krueger, Environmental Scientist
Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635

Richelle.Krueger@ks.gov (please note e-mail address change)
www.ksda.gov/dwr

From: Bertha Wise [<mailto:blw1921@yahoo.com>]

Sent: Friday, January 27, 2017 3:46 PM

To: Krueger, Richelle <Richelle.Krueger@ks.gov>

Subject: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

Hi Richelle,

I just got your letter and will need to inform five other people involved with the trust. Is there a way to review these applications online? If not, could you email them for our review?

Thank you,

Dale Wise

blw1921@yahoo.com

POA for Bertha L. Wise

(Dick A. Wise passed away in 2005)

Krueger, Richelle

From: Krueger, Richelle
Sent: Monday, January 30, 2017 7:50 AM
To: 'Bertha Wise'
Subject: FW: Bertha L. Wise Rev Trust -- Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

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http://dwr.kda.ks.gov/Notices/Topeka_Field_Office/2016/40000.20161208.Acc.Chg.pdf

http://dwr.kda.ks.gov/Notices/Topeka_Field_Office/2016/49739.20161208.Acc.App.pdf

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Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635
Richelle.Krueger@ks.gov (please note e-mail address change)
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Water Right, File Nos. 26,460 & 40,000 / Application, File No. 49,739

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Richelle Krueger, Environmental Scientist
Kansas Department of Agriculture
Water Appropriation Program
(785) 564-6635
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www.ksda.gov/dwr

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blw1921@yahoo.com
POA for Bertha L. Wise
(Dick A. Wise passed away in 2005)

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

January 25, 2017

JOSEPH AND BARBARA SABOL
RT 1 BOX 303A
WEST COXSACKIE NY 12192

RE: Water Right, File Nos. 26,460 and 40,000
Application, File No. 49,739

Dear Sir or Madam:

This is to advise you that University of Kansas Field Station/KU Endowment Association have filed with the Division of Water Resources, Kansas Department of Agriculture, one(1) application for permit to appropriate water for beneficial use, identified as File No. 49,739. File No. 49,739 proposes the appropriation of 32.585 million gallons (100 acre-feet) of groundwater for industrial use to be diverted at a diversion rate of 300 gallons per minute from one existing well located as follows:

one(1) well located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 8, more particularly described as being near a point 101 feet North and 90 feet West of the Southeast corner of said section, in Township 12 South, Range 20 East, Douglas County, Kansas.

University of Kansas Field Station/KU Endowment Association have also filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under Water Right, File Nos. 26,460 and 40,000.

Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of these applications in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter.

If you have any questions, please contact me at (620) 564-6635. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Richelle A. Krueger".

Richelle A. Krueger
Environmental Scientist
Water Appropriation Program

RAK

pc: Topeka Field Office
University of Kansas-Field Station
KU Endowment Association-Property Management

SCANNED



1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700

900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

January 25, 2017

DICK A WISE
RT 3
LAWRENCE KS 66044

RE: Water Right, File Nos. 26,460 and 40,000
Application, File No. 49,739

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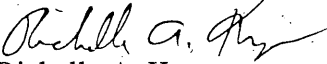
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Richelle A. Krueger
Environmental Scientist
Water Appropriation Program

RAK
pc: Topeka Field Office
University of Kansas-Field Station
KU Endowment Association-Property Management

SCANNED

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

January 25, 2017

DICK A WISE TRUSTEE/BERTHA L WISE REV TRUST
1634 N 1900 RD
LAWRENCE KS 66044-9323

RE: Water Right, File Nos. 26,460 and 40,000
Application, File No. 49,739

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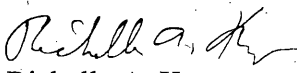
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Sincerely,


Richelle A. Krueger
Environmental Scientist
Water Appropriation Program

RAK

pc: Topeka Field Office
University of Kansas-Field Station
KU Endowment Association-Property Management

SCANNED

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

January 25, 2017

JEFFERSON RWD #13
1951 WELLMAN RD
LAWRENCE KS 66044

RE: Water Right, File Nos. 26,460 and 40,000
Application, File No. 49,739

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University of Kansas-Field Station
KU Endowment Association-Property Management

SCANNED



1320 Research Park Drive
Manhattan, Kansas 66502
Jackie McClaskey, Secretary

Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

December 9, 2016

UNIVERSITY OF KANSAS - FIELD STATION
2101 CONSTANT AVE
LAWRENCE KS 66047

FILE COPY

RE: Application
File No. 49739

Dear Sir or Madam:

Your application for permit to appropriate water in 8-12S-20E in Douglas County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: TOPEKA Field Office
GMD

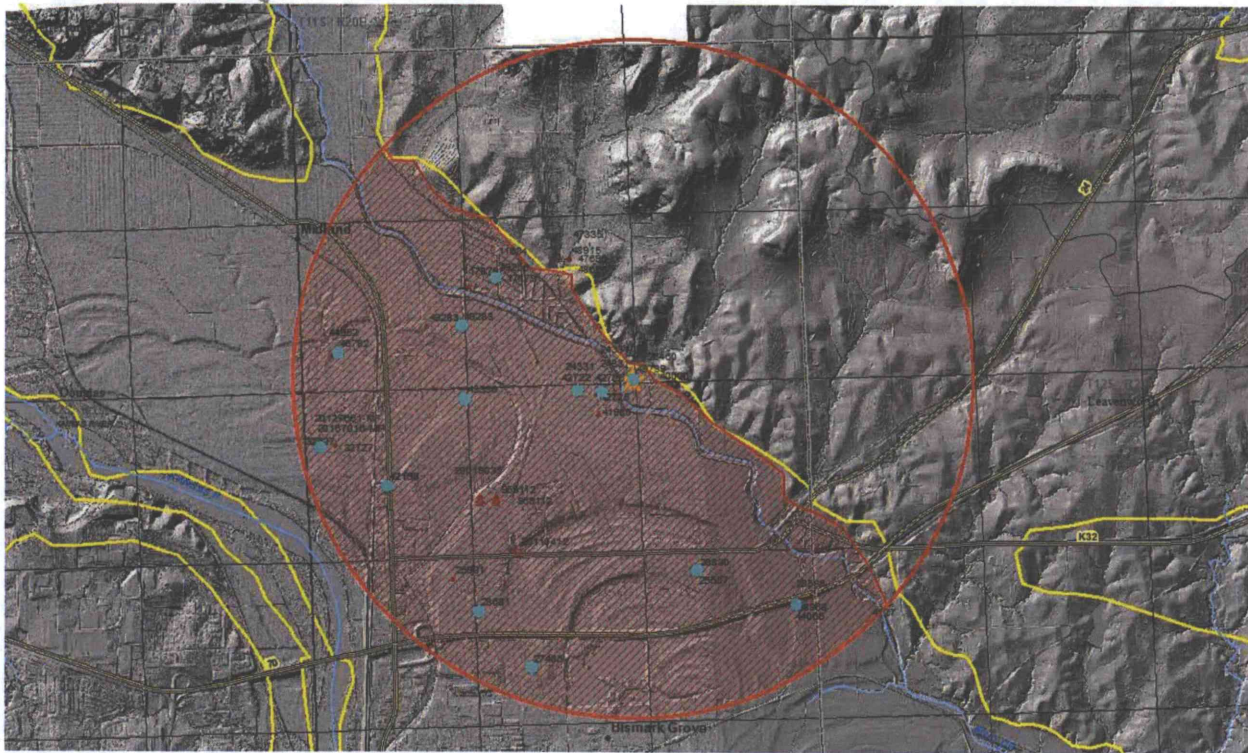
SCANNED

Safe Yield Report Sheet

Proposed Water Right Application

Point of Diversion in SESESESE 08-12S-20E

Bright yellow
alluvial
deposits
boundary



101' N 90' W 8-12-20E

Analysis Results

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 2,472.49 AF.

Total prior appropriation in the circle is 1,991.40 AF. - 100 AF 49739 = 1891.41

Total quantity of water available for appropriation is 481.09 AF.

Safe Yield Variables

The area used for the analysis is set at 4286 acres.

Potential annual recharge of the area is estimated to be 9.23 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 19-JAN-2017 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 17 water right(s) and 13 point(s) of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A ✓ 24331	00	MUN	NK	G		NE	NW	NE	5100	1837	17	12	20E	2	WR	201.63 ✓	201.63 ✓	
Same	✓	MUN	NK	G		NW	NE	NE	5000	1137	17	12	20E	6	WR			

6154701'N
3682W

44A
44A
44A

olap
24331

Approved
post completion

Completed per inspection

A	✓	25587	00	IRR	NK	G	NC	W2	NE	NW	4620	3600	21	12	20E	1	WR	82.00	82.00	130.00	130.00
A		26460	00	IND	NK	G		SE	SE	SE	100	100	08	12	20E	3	WR	12.90	12.90		
A	✓	27485	00	IRR	NK	G		SW	NE	SW	1800	3650	20	12	20E	2	WR	59.00	59.00	82.00	82.00
A	✓	28538	00	IRR	NK	G		NE	SE	NE	3573	632	21	12	20E	2	PD	147.00	147.00	461.50	461.50
A	✓	28681	00	IRR	NK	G		NW	SW	NW	3600	5250	20	12	20E	3	WR	90.00	90.00	170.00	170.00
A	✓	32727	00	IRR	NK	G					3606	4608	18	12	20E	3	WR	59.00	59.00	123.00	123.00
A	✓	38830	00	IRR	NK	G	NC	W2	NE	NW	4620	3600	21	12	20E	1	WR	22.00	8.00	130.00	0.00
A	✓	40000	00	IND	NK	G		SE	SE	SE	100	100	08	12	20E	3	WR	86.49	73.59		
A	✓	42157	00	IRR	NK	G		NW	NW	SE	2328	2590	18	12	20E	4	WR	11.00	11.00	20.00	20.00
A	✓	42722	00	MUN	LO	G		NE	NW	NE	5100	1837	17	12	20E	2	WR	306.89	306.89		
A	✓	42725	00	MUN	LO	G		NW	NE	NE	5000	1137	17	12	20E	6	WR	306.89	0.00		
A	✓	43336	00	IRR	NK	G		NE	NE	NE	4970	73	18	12	20E	5	WR	102.00	102.00	80.00	80.00
A	✓	46782	00	IRR	LR	G		SE	NW	SW	1520	3970	07	12	20E	2	WR	261.90	261.90	178.00	178.00
A	✓	49256	00	REC	GY	G		NE	SW	NW	3393	4270	08	12	20E	1	WR	402.50	402.50		
A	✓	49283	00	IRR	KE	G		SW	NE	SE	1965	80	07	12	20E	4	WR	74.00	74.00	74.00	74.00
A	✓	49739	00	IND	AY	G		SE	SE	SE	100	100	08	12	20E	3	WR	100.00	100.00		

Limited to 90 AFE
 755 w/c 15,587
 Limited to 28.153 MCM
 (86.49 AF w/c 26460)
 165.7 MCM 508.5 AF
 w/c 24331 & 42722

KU Endowment Assn
 AQUATIC RESEARCH FACILITY
 New Application Site Map

* File No 49739



Center of Section 33
 Township 11 South
 Range 20 East

Center of Section 34
 Township 11 South
 Range 20 East

Southeast Corner of Section 33
 Township 11 South
 Range 20 East

Southeast Corner of Section 34
 Township 11 South
 Range 20 East

Center of Section 8
 Township 12 South
 Range 20 East

Domestic Well *KU Endowment
 Joseph & Barbara Sabot
 Rt 1 Box 303A
 West Coxsackie, NY 12192

Domestic Well
 Dick A. Wise
 Rt. 3
 Lawrence KS 66044

Proposed Point of Diversion
 100' N & 100' W
 101' N x 90' W

File Nos. 24,331; 42,722; & 42725 - MUN Use
 Jefferson RWD #13
 1951 Wellman Rd
 Lawrence KS 66044

Southeast Corner of Section 8
 Township 12 South
 Range 20 East

X
 →



Proposed Place of Use
 RECEIVED

- Nearby Well
- Proposed Point of Diversion

All known wells within one-half mile of the proposed point of diversion are shown on this map.

[Handwritten Signature]

KS DEPT OF AGRICULTURE

SCANNED

* per 1/30/17
 phone conversation
 w/ Scott Campbell
 1:24,000

* per 1/30/17

* per 3/8/17

DEC 08 2016