

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



WATER RESOURCES RECEIVED

JAN 21 2021

3:05 PM

KS DEPT OF AGRICULTURE

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

50508-A

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.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, 109 SW 9th Street, Second Floor, Topeka, KS 66612-1283:

1. Name of Applicant (Please Print): Kyle & Peggy Strahm

Address: 1969 200th Rd

City: Sabetha State KS Zip Code 66534

Telephone Number: (785) 294-2171 NEEDS STREAM WORKSHEET

2. The source of water is: [x] surface water in unnamed tributary to Deer Creek (stream)

OR [] groundwater in (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 250 acre-feet OR gallons per calendar year, to be diverted at a maximum rate of 1200 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. 1 GMD Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G/S County NM By BMM Date 1/22/21 Code RE2 Fee \$ 300 TR # Receipt Date 1/21/21 Check # 2171

1/25/2021 LMoody

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 SW quarter of the SE quarter of the NW quarter of Section 30, more particularly described as being near a point 3000 feet North and 3950 feet West of the Southeast corner of said section, in Township 1 South, Range 14 (East) West (circle one), Nemaha 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):

Same

 (name, address and telephone number)

 (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 4th, 2021. Kyle L. Stahl

 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 Pond / Pump

 (number of wells, pumps or dams, etc.)
 and (was)(will be) completed (by) July 1, 2021

 (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 July 1st 2021

 (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. *under 125AC/PS under 70ft Tall*

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.

None

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.

N/A

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

owner/neighbor
(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):

Wayne & Linda Edelmann 1751 200th Rd Bern KS 66408
(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 Sabetha, Kansas, this 4 day of January, 2021.
(month) (year)

Kyle L. Stahl
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Keith Gorman manf Date: 1-5-21
(office/title)

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
0-100	\$200.00
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

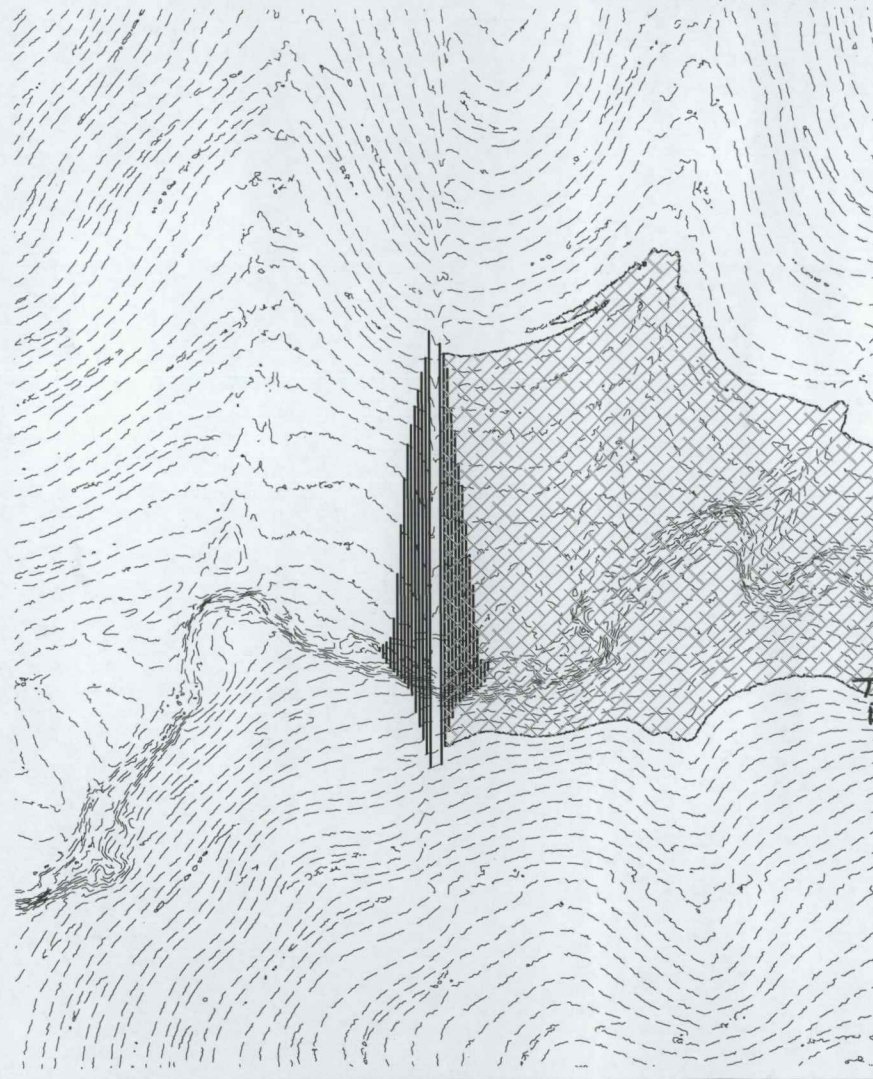
A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the 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

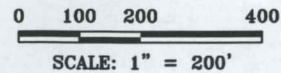
1 million gallons equal 3.07 acre-feet

TOPOGRAPHIC SURVEY
 Compute Proposed Stream Obstruction Volume in the North One-Half
 of Section 30, Township 1 South, Range 14 East of the
 Sixth Principal Meridian, Nemaha County, Kansas



Contour	Area	1' Volume	Total Volume	Ac. Ft.	Embankment	Height
1246	-	-	-	-	-	-
1247	294.87	147.44	147.435	0.0034		1.97
1248	1,702.88	998.88	1,146.310	0.0263		2.97
1249	4,389.52	3,046.20	4,192.510	0.0962		3.97
1250	7,689.46	6,039.49	10,232.000	0.2349		4.97
1251	11,135.93	9,412.70	19,644.695	0.4510		5.97
1252	18,276.88	14,706.41	34,351.100	0.7886		6.97
1253	25,026.65	21,651.77	56,002.865	1.2856		7.97
1254	37,414.66	31,220.66	87,223.520	2.0024		8.97
1255	49,153.38	43,284.02	130,507.540	2.9960		9.97
1256	66,784.97	57,969.18	188,476.715	4.3268		10.97
1257	84,634.09	75,709.53	264,186.245	6.0649		11.97
1258	102,447.29	93,540.69	357,726.935	8.2123		12.97
1259	122,789.54	112,618.42	470,345.350	10.7976		13.97
1260	147,806.59	135,298.07	605,643.415	13.9037		14.97
1261	175,185.07	161,495.83	767,139.245	17.6111		15.97
1262	202,747.52	188,966.30	956,105.540	21.9492		16.97
1263	232,532.32	217,639.92	1,173,745.460	26.9455		17.97
1264	263,887.91	248,210.12	1,421,955.575	32.6436		18.97
1265	300,191.51	282,039.71	1,703,995.285	39.1183		19.97
1266	350,411.66	325,301.59	2,029,296.870	46.5862		20.97
1267	398,324.30	374,367.98	2,403,664.850	55.1806		21.97
1268	457,888.73	428,106.52	2,831,771.365	65.0085		22.97
1269	512,341.47	485,115.10	3,316,886.465	76.1452		23.97
1270	568,013.99	540,177.73	3,857,064.195	88.5460		24.97
1271	639,293.87	603,653.93	4,460,718.125	102.4040		25.97
1272	703,853.22	671,573.55	5,132,291.670	117.8212	15,043	26.97
1273	765,266.22	734,559.72	5,866,851.390	134.6844	17,046	27.97
1274	833,413.90	799,340.06	6,666,191.450	153.0347	19,222	28.97
1275	896,990.66	865,202.28	7,531,393.730	172.8970	21,576	29.97
1276	896,990.66	896,990.66	8,428,384.390	193.4891	24,117	30.97
1277	957,431.74	927,211.20	9,355,595.590	214.7749	26,658	31.97

General Notes for Site:
 No Field verification of LIDAR elevations performed.
 Front toe of stream obstruction elevation: 1246.43'
 Rear toe of stream obstruction elevation: 1245.03'
 Assumed top of structure width: 12'
 Assumed front and back slope: 3:1



LAND SURVEYOR'S CERTIFICATE
 THIS IS TO CERTIFY THAT THIS SURVEY
 WAS DONE BY THE UNDERSIGNED, AND
 THAT THE SURVEY WAS DONE ON THE
 GROUND ON _____



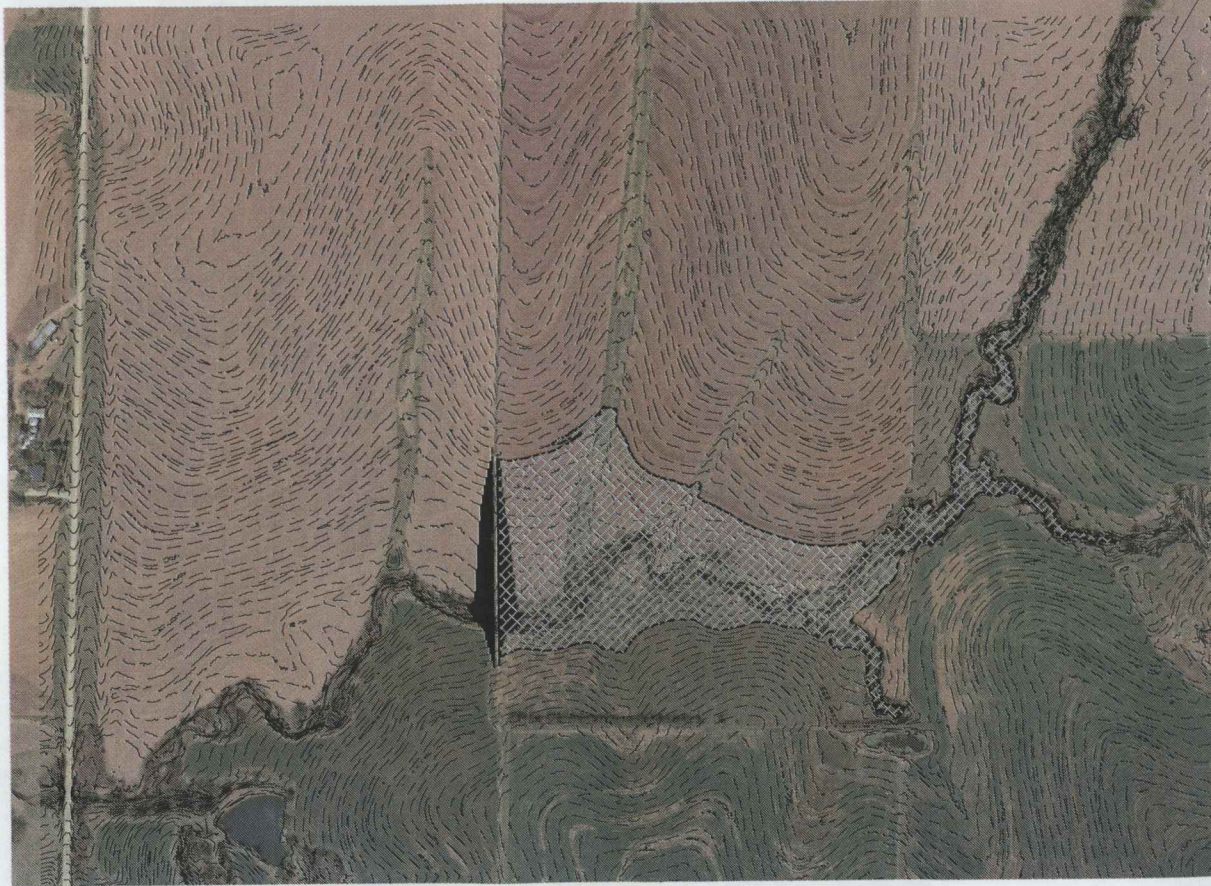
THIS DRAWING ORIGINALLY CREATED AT
 SPECIFIED SCALE. IF LINE BELOW DOES NOT
 MEASURE 1 INCH, DRAWING HAS BEEN
 REDUCED.
 ORIGINAL DRAWING
 SIZE: 1 INCH

**JORGENSEN
 SURVEYING**
 73051 617 Ave
 Tecumseh, NE 68450
 (402) 335-2033
 jorgensensurveying@gmail.com

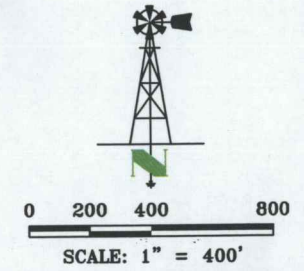
Stream Obstruction
 N 1/2 Sec 30, T1S, R14E
 Nemaha County, Kansas
 PREPARED FOR
 MWI - Fritz Strahm

SCALE	1"=200'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	08/14/19
SHEET	1 OF 2
JOB NO.	5262.100

TOPOGRAPHIC SURVEY
 Compute Proposed Stream Obstruction Volume in the North One-Half
 of Section 30, Township 1 South, Range 14 East of the
 Sixth Principal Meridian, Nemaha County, Kansas



Water Level at Elev: 1272'



THIS DRAWING ORIGINALLY CREATED AT
 SPECIFIED SCALE. IF LINE BELOW DOES NOT
 MEASURE 1 INCH, DRAWING HAS BEEN
 REDUCED.
 ORIGINAL DRAWING
 SIZE: 1 INCH

JORGENSEN
SURVEYING
 73051 617 Ave
 Tecumseh, NE 68450
 (402) 335-2033
 jorgensensurveying@gmail.com

Stream Obstruction

N 1/2 Sec 30, T1S, R14E
 Nemaha County, Kansas

PREPARED FOR
 MWI - Fritz Strahm

SCALE	1"=400'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	08/14/19

SHEET 2 OF 2
 JOB NO.
 5262.100

IRRIGATION USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): Kyle and Peggy Strahm

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

Landowner of Record NAME: Kyle and Peggy Strahm

ADDRESS: 1969 200th Rd Sabetha Ks 66534

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
30	1	14			40		40			40					40	40	40	40	280

Landowner of Record NAME: Wayne and Linda Edelman

ADDRESS: 1751 200th Rd Bern KS 66408

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
30	1	14						40	40			40							120

Landowner of Record NAME: _____

ADDRESS: _____

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

487A Dangers





DATA ENTRY SYSTEM ID NUMBER SHEET

50508-A

FILE NUMBER _____

APPLICANT PERSON ID & SEQ #	PDIV ID	BATTERY ID
67659	88566	

LANDOWNER PERSON ID & SEQ #	PUSE ID
67659	70241
67658	70242

WATER USE CORRESPONDENT PERSON ID & SEQ #
67659