

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.

340



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number **50562**
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

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.)

MAR 30 2021
1:28
KS DEPT OF AGRICULTURE

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

1. Name of Applicant (Please Print): MKM LLC (Ken McCauley)
Address: 2325 Ashpoint Rd
City: WhiteCloud State KS Zip Code 66094
Telephone Number: (785) 741-1729

2. The source of water is: surface water in Unnamed Tributary to Ceder Creek, Missouri river Basin
(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 490 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1400 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) 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 DP By BMM Date 3/30/21
Code RE3 Fee \$ 340 TR # _____ Receipt Date 3-30-21 Check # 7345

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 NW quarter of the SE quarter of the SE quarter of Section 19, more particularly described as being near a point 910 feet North and 715 feet West of the Southeast corner of said section, in Township 1 South, Range 19 East West (circle one), Doniphan 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

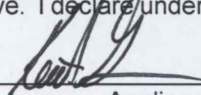
(name, address and telephone number)

(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 March 26th, 2021.



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 and pump

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

and (was)(will be) completed (by) December 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 June 1 2022

(Mo/Day/Year)

- 9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

- 10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir. **submitting for low class A hazard**

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

WATER RESOURCES RECEIVED

MAR 30 2021

NA

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 owner
(owner, tenant, agent or otherwise)

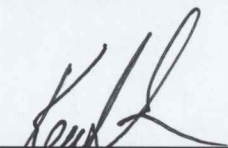
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):
same

(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 Hiawatha, Kansas, this 26 day of March, 2021.
(month) (year)



(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Keith Grimm MWI Date: 3-26-21
(office/title)

WATER RESOURCES
RECEIVED
MAR 30 2021
KS DEPT OF AGRICULTURE

IRRIGATION USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): MKM, LLC

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: MKM LLC (Ken McCauley)

ADDRESS: 2325 Ashpoint Rd White Cloud Ks 66094

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
19	1s	19E			40	40									40	40	40	40	240
30	1s	19E		40	40														80
25	1s	18E	40	40	40	40													160

Landowner of Record NAME: _____

ADDRESS: _____

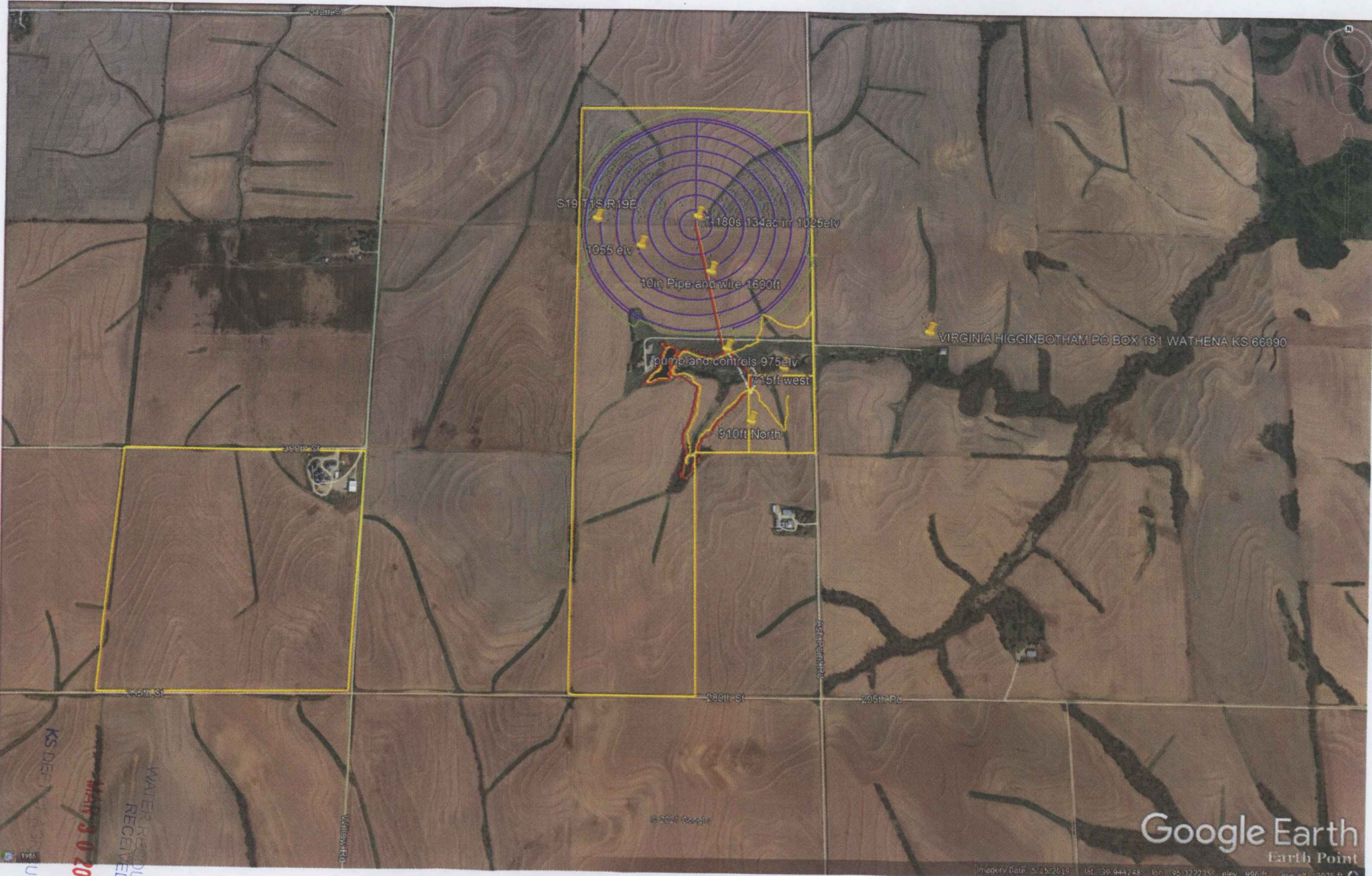
S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Landowner of Record NAME: _____

ADDRESS: _____

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

WATER RESOURCES
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S19 T15 R19E

7-180s 134ac irr 1025eiv

1055 eiv

10in Pipe and wire 1600ft

pump and controls 975eiv

715ft west

910ft North

VIRGINIA HIGGINBOTHAM PO BOX 181 WATHENA KS 66090

290th St

290th St

290th St

295th St

William Rd

457th Rd

© 2021 Google

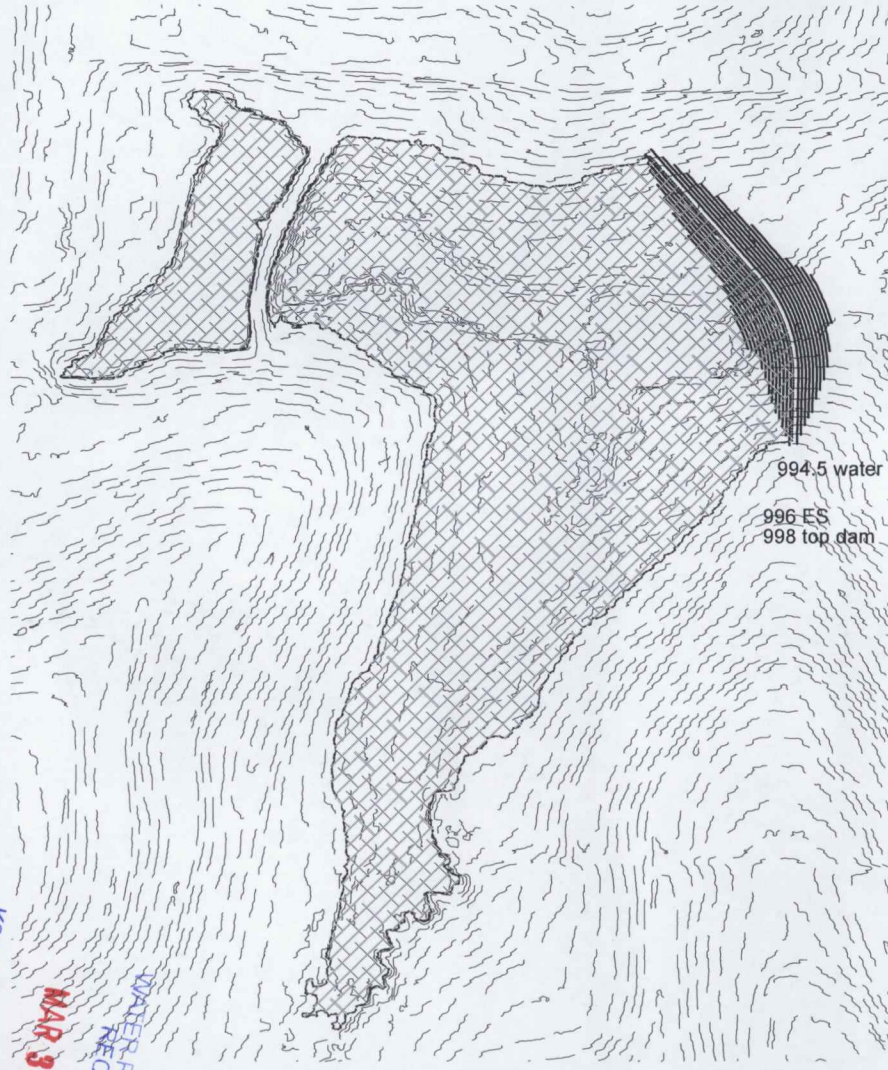
Google Earth
Earth Point

Imagery Date: 5/25/2019 Lat: 36.944248 Lon: -95.027235 Elev: 996 ft. Res: 0.3025 ft

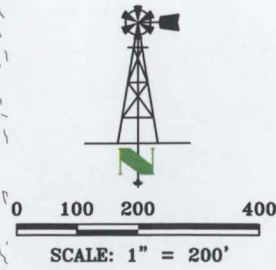
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WATER RESOURCES
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TOPOGRAPHIC SURVEY

Compute Proposed Stream Obstruction Volume in the Southeast One-Quarter of Section 19,
Township 1 South, Range 19 East of the
Sixth Principal Meridian, Brown County, Kansas



Contour	Area	1' Volume	Total Volume	Ac. Ft.	Embankment	Height
975	-					
976	6,019.18	3,009.59	3,009.590	0.0691		1.36
977	20,120.10	13,069.64	16,079.230	0.3691		2.36
978	34,693.76	27,406.93	43,486.160	0.9983		3.36
979	54,927.74	44,810.75	88,296.910	2.0270		4.36
980	67,672.03	61,299.89	149,596.795	3.4343		5.36
981	80,021.96	73,847.00	223,443.790	5.1296		6.36
982	94,818.79	87,420.38	310,864.165	7.1365		7.36
983	113,315.29	104,067.04	414,931.205	9.5255		8.36
984	135,499.81	124,407.55	539,338.755	12.3815		9.36
985	157,051.38	146,275.60	685,614.350	15.7395		10.36
986	178,558.23	167,804.81	853,419.155	19.5918		11.36
987	199,838.55	189,198.39	1,042,617.545	23.9352		12.36
988	220,906.48	210,372.52	1,252,990.060	28.7647		13.36
989	256,575.29	238,740.89	1,491,730.945	34.2454		14.36
990	302,333.66	279,454.48	1,771,185.420	40.6608		15.36
991	340,260.13	321,296.90	2,092,482.315	48.0368		16.36
992	378,536.38	359,398.26	2,451,880.570	56.2874		17.36
993	465,579.74	422,058.06	2,873,938.630	65.9766		18.36
994	510,142.51	487,861.13	3,361,799.755	77.1763		19.36
995	557,765.26	533,953.89	3,895,753.640	89.4342		20.36
996	607,645.67	582,705.47	4,478,459.105	102.8113	12,750	21.36
997	658,604.98	633,125.33	5,111,584.430	117.3458	14,438	22.36
998	633,445.58	646,025.28	5,757,609.710	132.1765	16,254	23.36



General Notes for Site:
No Field verification of LIDAR elevations performed.
Front toe of stream obstruction elevation: 975.88'
Rear toe of stream obstruction elevation: 974.64'
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.

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

Stream Obstruction
SE 1/4 Sec 19, T1S, R19E
Brown County, Kansas
PREPARED FOR
Ken McCauley

SCALE	1"=200'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	02/15/21
SHEET	1 OF 2
JOB NO.	6010.01

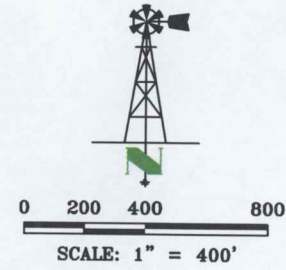
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TOPOGRAPHIC SURVEY

Compute Proposed Stream Obstruction Volume in the Southeast One-Quarter of Section 19,
Township 1 South, Range 19 East of the
Sixth Principal Meridian, Brown County, Kansas



Water Level at Elev: 997'



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
SE 1/4 Sec 19, T1S, R19E
Brown County, Kansas
PREPARED FOR
Ken McCauley

SCALE	1"=400'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	02/15/21
SHEET	2 OF 2
JOB NO.	6010.01

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