

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
KS Dept Of Agriculture

KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
Earl D. Lewis Jr., Chief Engineer

File Number 50579
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,
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): MICHAEL JANTZ
Address: 15162 FINNEY RD
City: FREDONIA State KS Zip Code 66736
Telephone Number: ()

2. The source of water is: [x] surface water in UNNAMED TRIBUTARY (stream)
OR [] groundwater in FALL RIVER (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.

DIRECT USE = 320 AF

3. The maximum quantity of water desired is 452.1 AF STORAGE acre-feet per calendar year, to be diverted at a maximum rate of ALL NAT FLOWS gallons per minute OR cubic feet per second.

RE-DIVERSION = 1500 GPM

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 WL By BMM Date 5/13/21
Code RE3 Fee \$ 300 TR # Receipt Date 5/13/2021 Check # PY00026078

5/17/2021
LMoody

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9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
KS Dept Of Agriculture

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 **NEED REVIEW**

• 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

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File No. _____

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

KS Dept Of Agriculture

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 **NE** quarter of the **SE** quarter of the **NE** quarter of Section **21**, more particularly described as being near a point **3720** feet North and **100** feet West of the Southeast corner of said section, in Township **28** South, Range **14 EAST, WILSON** 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)

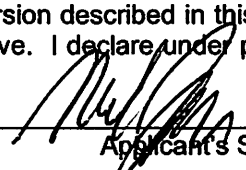
NOT APPLICABLE

(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 May 12, 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 **ONE DAM**
(number of wells, pumps or dams, etc.)

and WILL BE completed (by) **JULY 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 2021**
(Mo/Day/Year)

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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/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):

SEE IRRIGATION USE SUPPLEMENTAL SHEET

(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 Frederonia, Kansas, this 12 day of May, 2021.
(month) (year)



(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by **BRETT BUNGER** _____ **TFO/ASST WATER COMM** _____ Date: **5-6-21**
(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

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. _____

Name of Applicant (Please Print): MICHAEL JANTZ

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: MICHAEL LEE & CAITLIN JANTZ

ADDRESS: 15162 FINNEY RD FREDONIA KS 66736

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
21	28	14E	16.5	40	40	36.5											40	38.5			211.5	

Landowner of Record NAME: CAMERON JANTZ FAMILY REV TRUST

ADDRESS: 10272 1400 RD FREDONIA KS 66736

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL							
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE								
27	28	14E															40	31.5	8.5	37.5	40	40	40	40	277.5	

Landowner of Record NAME: KAREN E JANTZ

ADDRESS: 10241 1400 RD FREDONIA KS 66736

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL							
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE								
27	28	14E					40	40	40	40															160	

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2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

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a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

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

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

c. Type of irrigation system you propose to use (check one):

- Center pivot
 Center pivot - LEPA
 "Big gun" sprinkler
 Gravity system (furrows)
 Gravity system (borders)
 Sideroll sprinkler

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: _____ psi
- (2) What is the sprinkler package design rate? _____ gpm
- (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? _____ feet
- (4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

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

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IRRIGATION USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): MICHAEL JANTZ

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: RANDOLPH FARMS LLC

ADDRESS: 1400 RIVERWOOD DR ALGONQUIN IL 60102

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
27	28	14E	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	

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

5/13/2021

a. Indicate the soils in the field(s) and their intake rates:

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Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

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

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

c. Type of irrigation system you propose to use (check one):

_____ Center pivot _____ Center pivot - LEPA _____ "Big gun" sprinkler

_____ Gravity system (furrows) _____ Gravity system (borders) _____ Sideroll sprinkler

Other, please describe: _____

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

NEW APPLICATION ATTACHMENT

Drainage Area = 255 ACRES
Mean Annual Precip = 38"
Soil Cover Complex # = 76
Runoff at 20% chance = 562.98 Acre-feet

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1 years direct use = 320 AF
Reservoir Capacity = 121.4 AF
Reservoir Surface Area = 11.7 acres
1 yrs direct use = 11.7 acres x 11"/12" = 10.7 AF
Storage Quantity = 320 AF + 121.4 AF + 10.7 AF = **452.1 AF**

Upstream Landowners

- #1) Jerry Oneal
13754 Edwards Rd
Fredonia KS 66736
- #2) Edmond Stryker
1328 Woodbridge Ct
Hutchinson KS 67502
- #3) Harlan Chaplin
17194 Gove Rd
Fredonia KS 66736

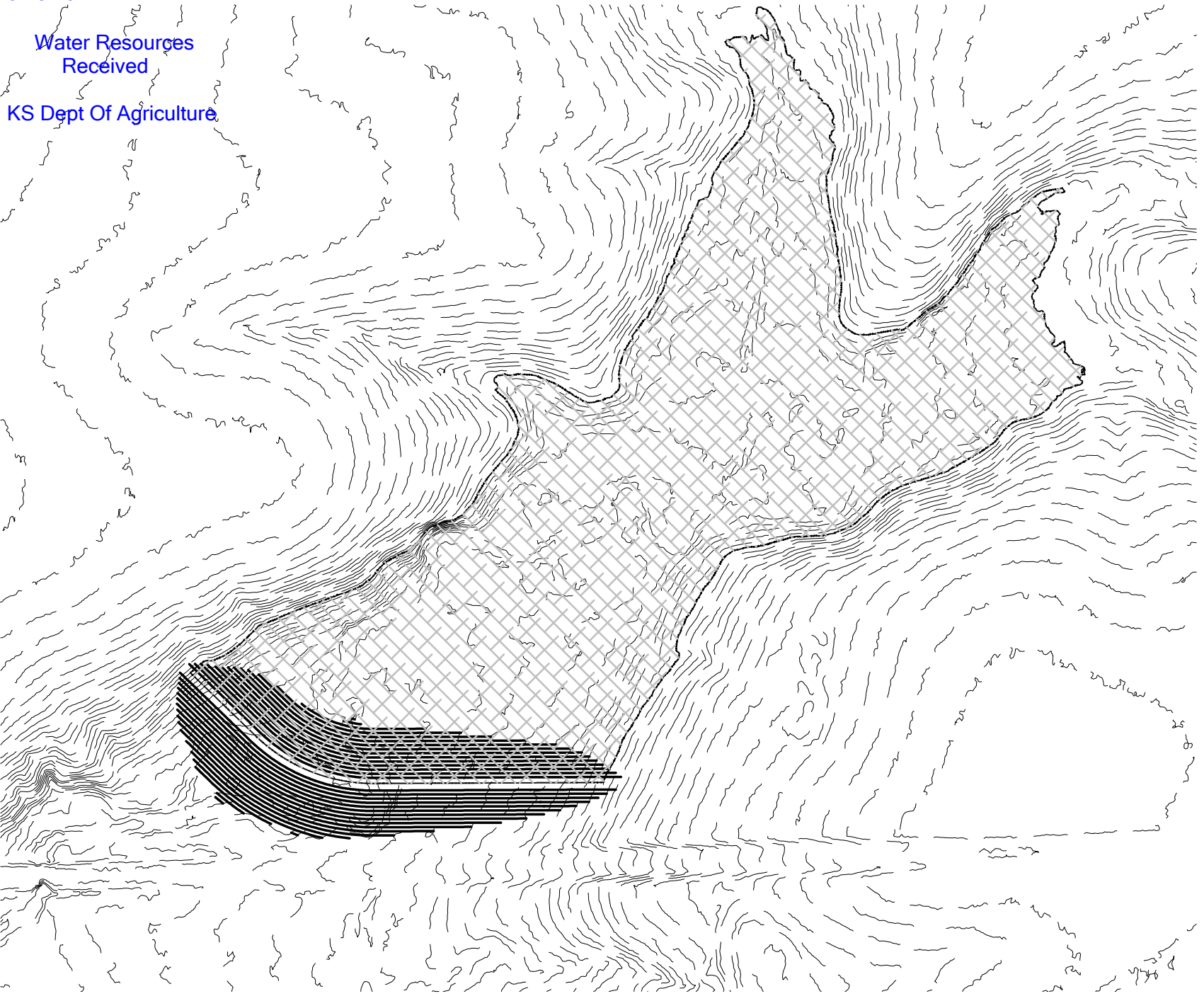
Downstream Landowners

- #1) Etta Mae Manning
6210 Puerto Dr.
Rancho Murieta CA 95683
- #2) Edmond Stryker
1328 Woodbridge Ct
Hutchinson KS 67502

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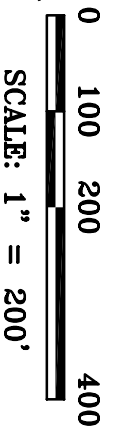
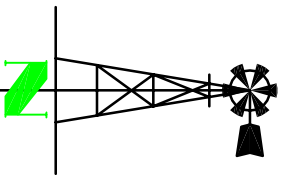
TOPOGRAPHIC SURVEY
 Compute Proposed Stream Obstruction Volume in the East One-Half of
 Section 21, Township 28 South, Range 14 East of the
 Sixth Principal Meridian, Wilson County, Kansas

Contour	Area	1' Volume	Total Volume	Ac. Ft.	Embankment	Height
934	-					
935	64.07	32.04	32.035	0.0007		4.24
936	929.37	496.72	528.755	0.0121		5.24
937	4,005.29	2,467.33	2,996.085	0.0688		6.24
938	9,524.71	6,765.00	9,761.085	0.2241		7.24
939	18,498.18	14,011.45	23,772.530	0.5457		8.24
940	32,924.52	25,711.35	49,483.880	1.1360		9.24
941	50,997.95	41,961.24	91,445.115	2.0993		10.24
942	70,643.14	60,820.55	152,265.660	3.4955		11.24
943	88,625.88	79,634.51	231,900.170	5.3237		12.24
944	111,788.13	100,207.01	332,107.175	7.6241		13.24
945	133,265.92	122,527.03	454,634.200	10.4370		14.24
946	160,060.21	146,663.07	601,297.265	13.8039		15.24
947	186,355.54	173,207.88	774,505.140	17.7802		16.24
948	209,137.35	197,746.45	972,251.585	22.3198		17.24
949	233,121.35	221,129.35	1,193,380.935	27.3963		18.24
950	256,999.03	245,060.19	1,438,441.125	33.0221		19.24
951	286,129.93	271,564.48	1,710,005.605	39.2563		20.24
952	312,008.90	299,069.42	2,009,075.020	46.1220		21.24
953	333,839.32	322,924.11	2,331,999.130	53.5353		22.24
954	359,314.94	346,577.13	2,678,576.260	61.4916		23.24
955	384,950.69	372,132.82	3,050,709.075	70.0346		24.24
956	408,902.98	396,926.84	3,447,635.910	79.1468		25.24
957	434,984.13	421,943.56	3,869,579.465	88.8333		26.24
958	461,130.36	448,057.25	4,317,636.710	99.1193		27.24
959	486,222.86	473,676.61	4,791,313.320	109.9934		28.24
960	510,185.33	498,204.10	5,289,517.415	121.4306	29,184	29.24
961	534,855.93	522,520.63	5,812,038.045	133.4260	32,040	30.24
962	559,819.84	547,337.89	6,359,375.930	145.9912	35,046	31.24
963	586,466.67	573,143.26	6,932,519.185	159.1487	38,201	32.24
964	612,961.30	599,713.99	7,532,233.170	172.9163	41,506	33.24
965	638,793.83	625,877.57	8,158,110.735	187.2845	44,962	34.24

General Notes for Site:
 No Field verification of LIDAR elevations performed.
 Front toe of stream obstruction elevation: 935.98'
 Rear toe of stream obstruction elevation: 930.76'
 Assumed top of structure width: 12'
 Assumed front and back slope: 3:1

LAND SURVEYOR'S CERTIFICATE

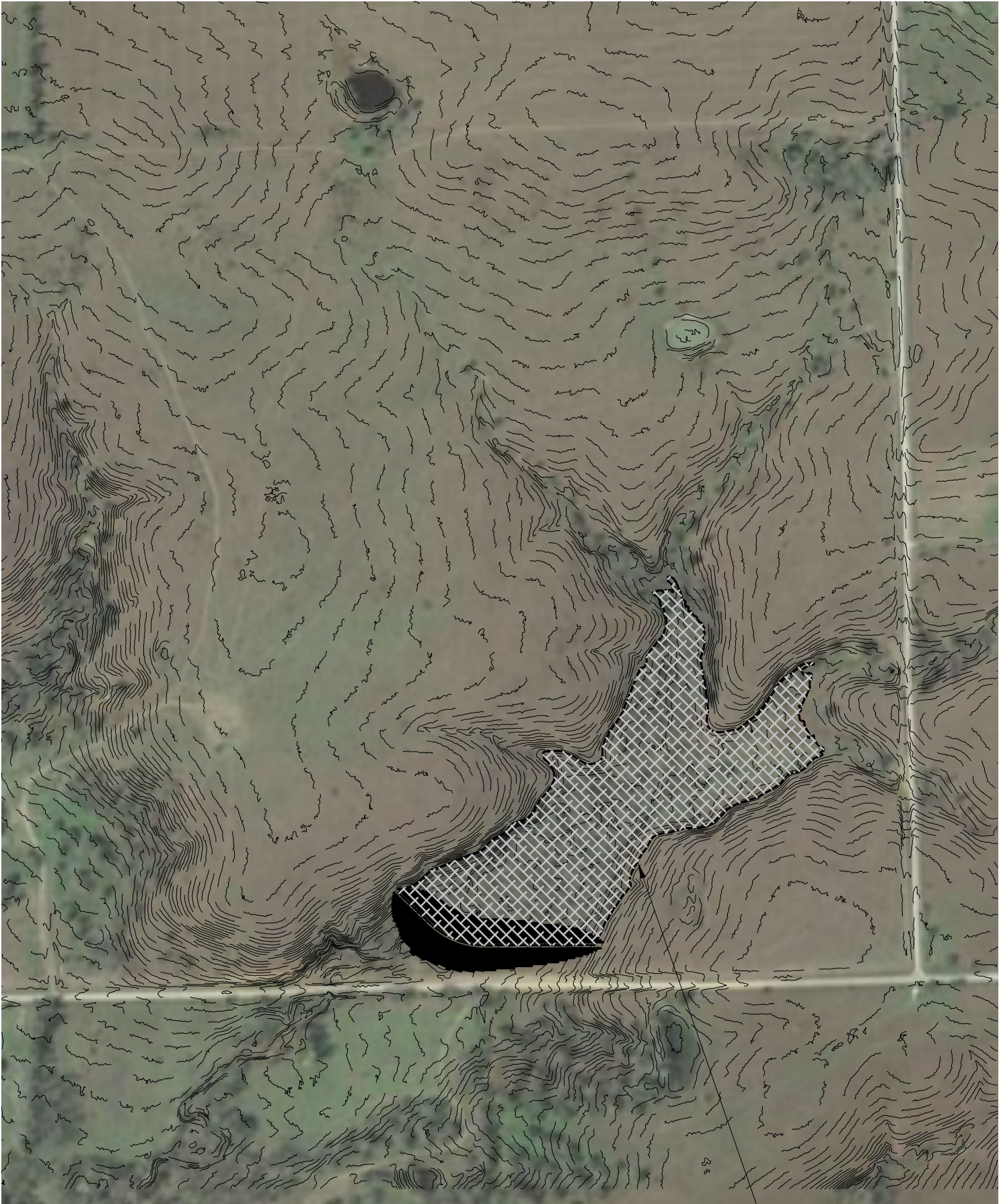
THIS IS TO CERTIFY THAT THIS SURVEY
 WAS DONE BY THE UNDERSIGNED, AND
 THAT THE SURVEY WAS DONE ON THE
 GROUND ON _____.



<p>Stream Obstruction E 1/2 Sec 21, T28S, R14E Wilson County, Kansas</p> <p style="font-size: small;">PREPARED FOR MWI - Michael Jantz</p>	<p>JORGENSEN SURVEYING 73051 617 Ave Tecumseh, NE 68450 (402) 335-2033 jorgensensurveying@gmail.com</p>	<p>THIS DRAWING ORIGINALLY CREATED AT SPECIFIED SCALE. IF LINE BELOW DOES NOT MEASURE 1 INCH, DRAWING HAS BEEN REDUCED.</p> <p style="text-align: center;">ORIGINAL DRAWING SIZE: 1 INCH</p>
<p>SCALE: 1"=200'</p> <p>FIELD ON: -</p> <p>CHK. BY: MARCY</p> <p>DWN. BY: BRENT</p> <p>DATE: 03/14/21</p> <p>SHEET 1 OF 2</p> <p>JOB NO. 5262.114</p>		

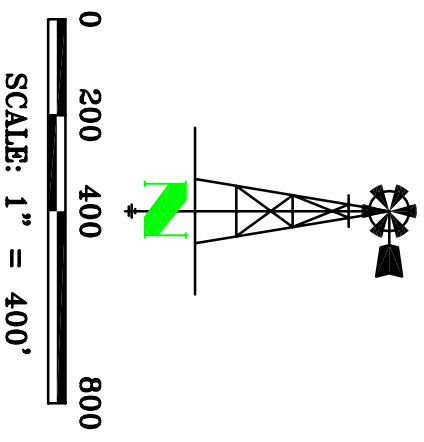
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TOPOGRAPHIC SURVEY
 Compute Proposed Stream Obstruction Volume in the East One-Half of
 Section 21, Township 28 South, Range 14 East of the
 Sixth Principal Meridian, Wilson County, Kansas

Water Level at Elev: 960'



SCALE 1"=400' FIELD ON: - CHK. BY MARCY DWN. BY BRENT DATE: 03/14/21 SHEET 2 OF 2 JOB NO. 5262.114	Stream Obstruction E 1/2 Sec 21, T28S, R14E Wilson County, Kansas	JORGENSEN SURVEYING 73051 617 Ave Tecumseh, NE 68450 (402) 335-2033 jorgensensurveying@gmail.com	THIS DRAWING ORIGINALLY CREATED AT SPECIFIED SCALE. IF LINE BELOW DOES NOT MEASURE 1 INCH, DRAWING HAS BEEN REDUCED. ORIGINAL DRAWING SIZE: 1 INCH
	PREPARED FOR MWI - Michael Jantz		

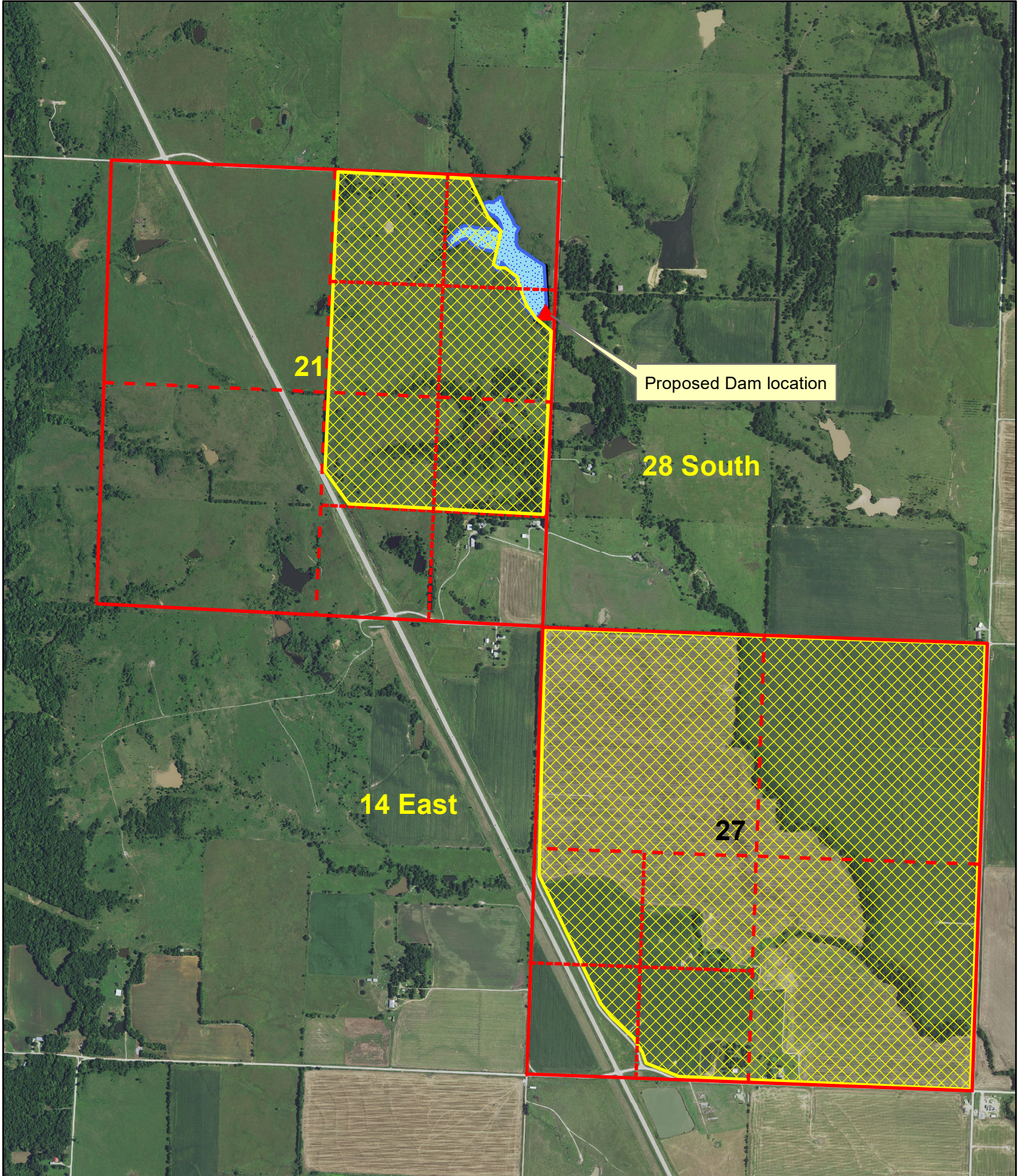
5/13/2021

New Application

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1:18,000

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DATA ENTRY SYSTEM ID NUMBER SHEET

FILE NUMBER 50579

APPLICANT PERSON ID & SEQ #	88824	PDIV ID	BATTERY ID
67802			

LANDOWNER PERSON ID & SEQ #	70400	PUSE ID
67802	70401	
67803	70402	
67804	70403	
67805		

WATER USE CORRESPONDENT PERSON ID & SEQ #
67802