

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.

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE



State of Kansas

STATUTORY FILING FEE MUST ACCOMPANY THIS APPLICATION
Please refer to the Fee Schedule attached to this application form.

6/16/2023, 2:16 PM

File Number: **51057**

Water Resources
Received

This item to be completed by the Division of Water Resources staff.

KS Dept Of Agriculture

1. Name of Applicant: COREY HOLTHAUS
Address: 811 N 7TH ST
City: SENECA State: KS Zip Code: 66538
Phone: _____ Email: _____

2. The source of water is: surface water in UNNAMED TRIBUTARY **NEED STREAM NAME**
(stream)
 groundwater in SOUTH FORK BIG NEMAHA RIVER
(drainage basin)

3. The maximum annual quantity of water desired is 160 acre-feet gallons
to be diverted at a maximum rate of ALL NAT FLOWS gpm c.f.s. natural flows natural evaporation
 This project involves surface water storage and redirection. The maximum annual quantity of water desired to be
rediverted is 160 acre-feet gallons, at a rate of 1000 gpm c.f.s.

Conversion Factors

1 acre-foot (AF) = 325,851 gallons
1 million gallons (mg) = 3.07 acre-feet (AF)
1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm)

IMPORTANT: Once your application has been assigned a priority date and file number, the requested maximum rate of diversion and maximum requested annual quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reasonable for your proposed project.

4. The water is intended to be appropriated for the following use(s):

<input type="checkbox"/> Artificial Recharge*	<input checked="" type="checkbox"/> Irrigation*	<input type="checkbox"/> Recreational*	<input type="checkbox"/> Water Power*
<input type="checkbox"/> Industrial*	<input type="checkbox"/> Municipal*	<input type="checkbox"/> Stockwatering*	<input type="checkbox"/> Sediment Control
<input type="checkbox"/> Domestic	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Hydraulic Dredging	<input type="checkbox"/> Fire Protection
<input type="checkbox"/> Thermal Exchange	<input type="checkbox"/> Contamination Remediation		

***IMPORTANT:** You **must** submit a supplemental form providing information to substantiate your request for the quantity of water listed in Item No. 3 for the intended use(s) referenced above.

FOR OFFICE USE ONLY							
FO	<u>1</u>	GMD	_____	DUA	_____	Use	<u>IRR</u>
Code	<u>RE2</u>	Fee \$	<u>300</u>	TR #	<u>PY00064203</u>	Source	<u>S</u>
				County	<u>NM</u>	By	<u>ALB</u>
				Receipt Date	<u>6/16/2023</u>	Date	<u>6/16/23</u>
				Check #	_____		

6/19/2023
LMoody

5. The location(s) of the proposed diversion work(s) (well, pumpsite, etc.) are described below. Note that for the application to be accepted, the point of diversion location(s) **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. You can specify a nickname for the point of diversion via the A.K.A. line to help you identify it.

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 800gpm and which supply water to a common distribution system.

(A) One in the SE quarter of the NE quarter of the NW quarter of Section 27, more particularly described as being near a point 4235 feet North and 3270 feet West of the Southeast corner of said section, in Township 2 South, Range 13 E W, NEMAHA County, KS. A.K.A: _____

(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 _____ E W, _____ County, KS. A.K.A: _____

(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 _____ E W, _____ County, KS. A.K.A: _____

(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 _____ E W, _____ County, KS. A.K.A: _____

(E) 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 _____ E W, _____ County, KS. A.K.A: _____

6. The proposed project for diversion of water will consist of ONE DAM
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: JULY 2024
(date each was or will be completed)

7. The first actual application of water for the proposed beneficial use was or is estimated to be JULY 2024
(Date)

8. List any application, appropriation of water, water right, or vested right file number that covers the same point(s) of diversion 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.

OVERLAP IN PLACE OF USE WITH ANOTHER APPLICATION THAT WILL BE FILED TO COVER THE SAME PLACE OF USE

6/16/2023

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 DWR prior to submitting this application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.
Have you made an application for a permit for construction of this dam and reservoir with DWR? Yes No
If yes, write the Water Structures permit number here: _____

11. Furnish a detailed topographic or aerial map that depicts the following information:
The application **must** be supplemented by a topographic map, aerial photograph or a detailed plat showing the information described in A-D below.

- (A) The center of the section, the section lines or the section corners, and labels showing the appropriate section, township and range numbers, as well as a north arrow and scale,
- (B) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) described in Item No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section,
- (C) The location of the proposed place of use identified by crosshatching,
- (D) **For Groundwater Use**, the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells and indicate for each well its type of use and the name and mailing address of the property owner or owners, (If there are no wells within 1/2 mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines, and
- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any other structures for the purpose of storing, conveying, or using water.

12. For groundwater use, furnish copies of the driller's logs for all test holes or completed wells. Please ensure that the driller's logs provide depth to the static water level. If driller's logs cannot be obtained for an existing well, provide the following information:

Well location as shown in Item No. 5	(A)	(B)	(C)	(D)	(E)
Date drilled	_____	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____	_____

13. The owner(s) of the point of diversion, if other than the applicant is:
SAME AS APPLICANT

(name, address, and phone)

6/16/2023

(name, address, and phone)

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14. The owner(s) of the property where the water is used, if other than the applicant, is:

SEE IRRIGATION USE SUPPLEMENTAL SHEET

KS Dept Of Agriculture

(name, address, and phone)

(name, address, and phone)

15. The relationship of the applicant to the proposed place where the water will be used is that of:

Owner Agent Tenant Other: _____

16. A water use correspondent (WUC) must be designated. The WUC will be mailed the annual water use report, which must be filed with the Division by March 1 of each year. Failure to timely file an accurate water use report will subject the owner(s) to a civil fine of up to \$1,000 and potential suspension of the water appropriation or right. By signing this application, I verify that the owner(s) of the water right or permit have confirmed that the following person or agent should be designated as the WUC:

SAME AS APPLICANT

(name, address, and phone)

17. I understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. This could affect the economics of my decision to appropriate water. Situations where this might occur may include times when minimum desirable streamflow (MDS) requirements are not met, when Assurance District or Water Marketing releases are made from storage in federal reservoirs, when a Water Reservation Right upstream of a federal reservoir is administered, or when water rights administration becomes necessary to prevent impairment.

I declare, under penalty of perjury, that I have legal access to or control of, the point(s) of diversion described in this application from the landowner or the landowner's authorized representative.

By signing below, I verify that the information set forth above is true to the best of my knowledge, I agree with all statements made above, and that this application is submitted in good faith.

Keith Grimm

Digitally signed by Keith Grimm
Date: 2023.06.15 10:12:04 -05'00'

(Applicant Signature)

(Date)

COREY HOLTHAUS

(Applicant Name – please print)

(Applicant Title, if applicable – please print)

Assisted by **BRETT BUNGER**

TFO/ASST WATER COMM.

Date: **6-8-23**

(office/title)

**IRRIGATION USE
SUPPLEMENTAL SHEET**

Water Resources
Received

File No. _____

KS Dept Of Agriculture

Name of Applicant (Please Print): COREY L HOLTHAUS

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: COREY L & ABBEY L HOLTHAUS

ADDRESS: 811 NO 7TH ST SENECA KS 66538

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	2	13E	40	32.5	40	40	24.5	12	1	32.5									222.5

Landowner of Record NAME: LEON G & ARLENE K HOLTHAUS TRUST

ADDRESS: 907 BRANCH ST SENECA KS 66538

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
34	2	13E					40	40	40	40	40	40	40						320

TOTAL = 542.5 ACRES

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	

6/16/2023

STORAGE QUANTITY CALCULATION

RESERVOIR CAPACITY = 124 AF
DIRECT USE QUANTITY = 160 AF

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STORAGE QUANTITY = 160

THE QUANTITY REQUESTED WILL BE BASED ON THE CALCULATED RUNOFF AS
IT IS THE LIMITING FACTOR

UPSTREAM AND DOWNSTREAM LANDOWNERS

Upstream –

#1) J-SIX ENTERPRISES
604 NEMAHA ST
SENECA KS 66538

#2) PATRICK ALLEN
8404 4TH ST
ONEIDA KS 66522

Downstream –

#1) KEITH L & ELAINE M KRAMER
1810 144TH RD
SABETHA KS 66534

#2) ANGIE HAMMES TRUST
RYAN HAMMES TRUST
1588 L4 RD
SENECA KS 66538

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PDFs
Mean Annual Precipitation
Soil Cover Complex

Mean Annual Precip, in	35
Soil Cover Complex No.	80
Drainage Area, acres	127
Runoff at 20% Chance, AF	160.57

DO NOT EDIT BELOW THIS LINE

% Chance Firm Coefficients			
	50%	80%	90%
a	0.5317	0.1216	0.0527
b	1.0815	1.2538	1.3547

Std. Dev. 90%	1.37
Std. Dev. 80%	1.33
Avg	1.35

%Chance Firm	Runoff, in	Comp. Runoff, in
50%	4.87	4.87
80%	1.58	1.56
90%	0.84	0.86
20%		15.17

Mean annual runoff for CN = 80, inches	7.75
Mean annual runoff for CN = 85, inches	8.64
Interp. Mean annual runoff for CN = 80, inches	7.75

TOPOGRAPHIC SURVEY

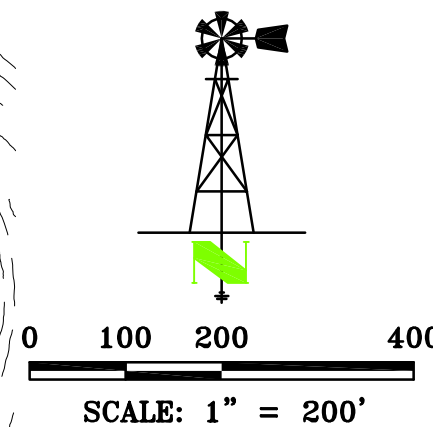
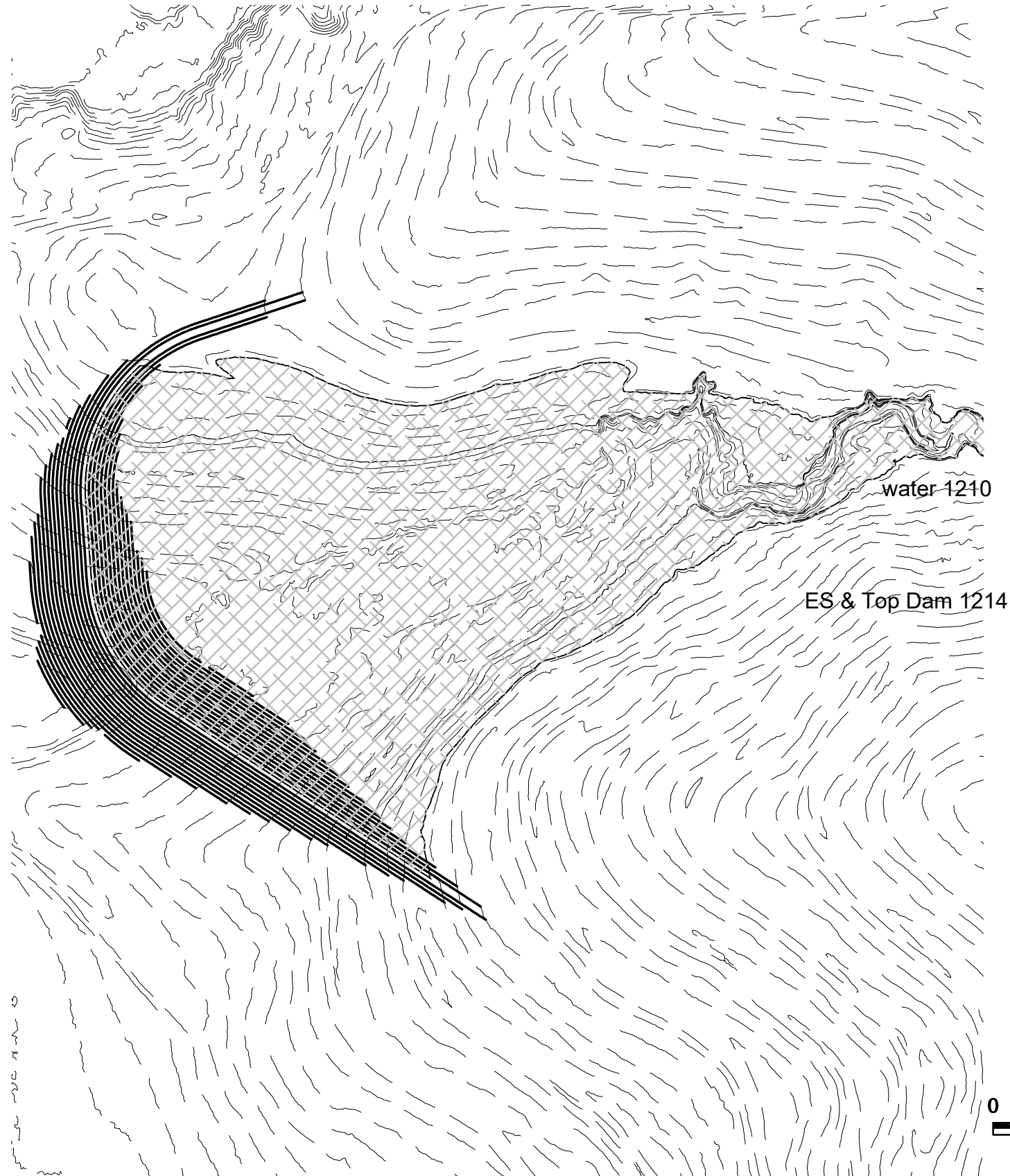
Compute Proposed Stream Obstruction Volume in the North One-Half of Section 27, Township 2 South, Range 13 East of the Sixth Principal Meridian, Nemaha County, Kansas

6/16/2023

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Contour	Area	Inc Volume	Total Volume	Ac. Ft.	Embankment	Height
1190	-					
1191	1,136.12	568.06	568.060	0.0130		6.20
1192	3,811.76	2,473.94	3,042.000	0.0698		7.20
1193	13,454.20	8,632.98	11,674.980	0.2680		8.20
1194	29,198.85	21,326.53	33,001.505	0.7576		9.20
1195	50,962.79	40,080.82	73,082.325	1.6777		10.20
1196	71,917.77	61,440.28	134,522.605	3.0882		11.20
1197	91,344.50	81,631.14	216,153.740	4.9622		12.20
1198	108,639.49	99,992.00	316,145.735	7.2577		13.20
1199	134,589.37	121,614.43	437,760.165	10.0496		14.20
1200	157,150.33	145,869.85	583,630.015	13.3983		15.20
1201	174,004.95	165,577.64	749,207.655	17.1994		16.20
1202	190,009.37	182,007.16	931,214.815	21.3778		17.20
1203	190,009.37	190,009.37	1,121,224.185	25.7398		18.20
1204	222,371.33	206,190.35	1,327,414.535	30.4732		19.20
1205	239,827.16	231,099.25	1,558,513.780	35.7786		20.20
1206	257,191.15	248,509.16	1,807,022.935	41.4835		21.20
1207	275,772.72	266,481.94	2,073,504.870	47.6011		22.20
1208	331,296.21	303,534.47	2,377,039.335	54.5693		23.20
1209	352,547.21	341,921.71	2,718,961.045	62.4188		24.20
1210	352,547.21	352,547.21	3,071,508.255	70.5121	22,224	25.20
1211	392,070.41	372,308.81	3,443,817.065	79.0592	24,991	26.20
1212	416,745.18	404,407.80	3,848,224.860	88.3431	27,973	27.20
1213	416,745.18	416,745.18	4,264,970.040	97.9102	31,180	28.20
1214	478,706.24	447,725.71	4,712,695.750	108.1886	34,619	29.20
1215	516,746.50	497,726.37	5,210,422.120	119.6148	38,297	30.20
1215.20	522,891.19	103,963.77	5,314,385.889	122.0015	38,298	30.40
1215.40	529,284.66	105,217.59	5,419,603.474	124.4170	38,299	30.60
1215.50	531,997.08	53,064.09	5,472,667.561	125.6352		30.70
1216	545,117.86	269,278.74	5,741,946.296	131.8169		31.20
1217	545,117.86	545,117.86	6,287,064.156	144.3311	46,448	32.20
1218	609,119.48	577,118.67	6,864,182.826	157.5800	51,002	33.20
1219	642,495.37	625,807.43	7,489,990.251	171.9465	55,886	34.20
1220	674,262.38	658,378.88	8,148,369.126	187.0608	61,108	35.20



General Notes for Site:
 No Field verification of LIDAR elevations performed.
 Front toe of stream obstruction elevation: 1193.32'
 Rear toe of stream obstruction elevation: 1184.80'
 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 27, T2S, R13E
 Nemaha County, Kansas
 PREPARED FOR
 MWI - Corey Holthaus

SCALE	1"=200'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	02/23/23
SHEET	1 OF 2
JOB NO.	5262.148

TOPOGRAPHIC SURVEY

Compute Proposed Stream Obstruction Volume in the North One-Half of Section 27, Township 2 South, Range 13 East of the Sixth Principal Meridian, Nemaha County, Kansas

6/16/2023

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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

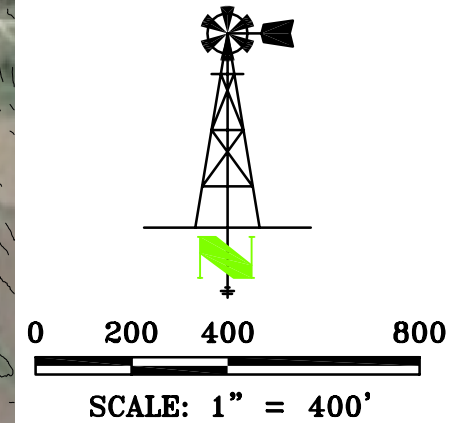
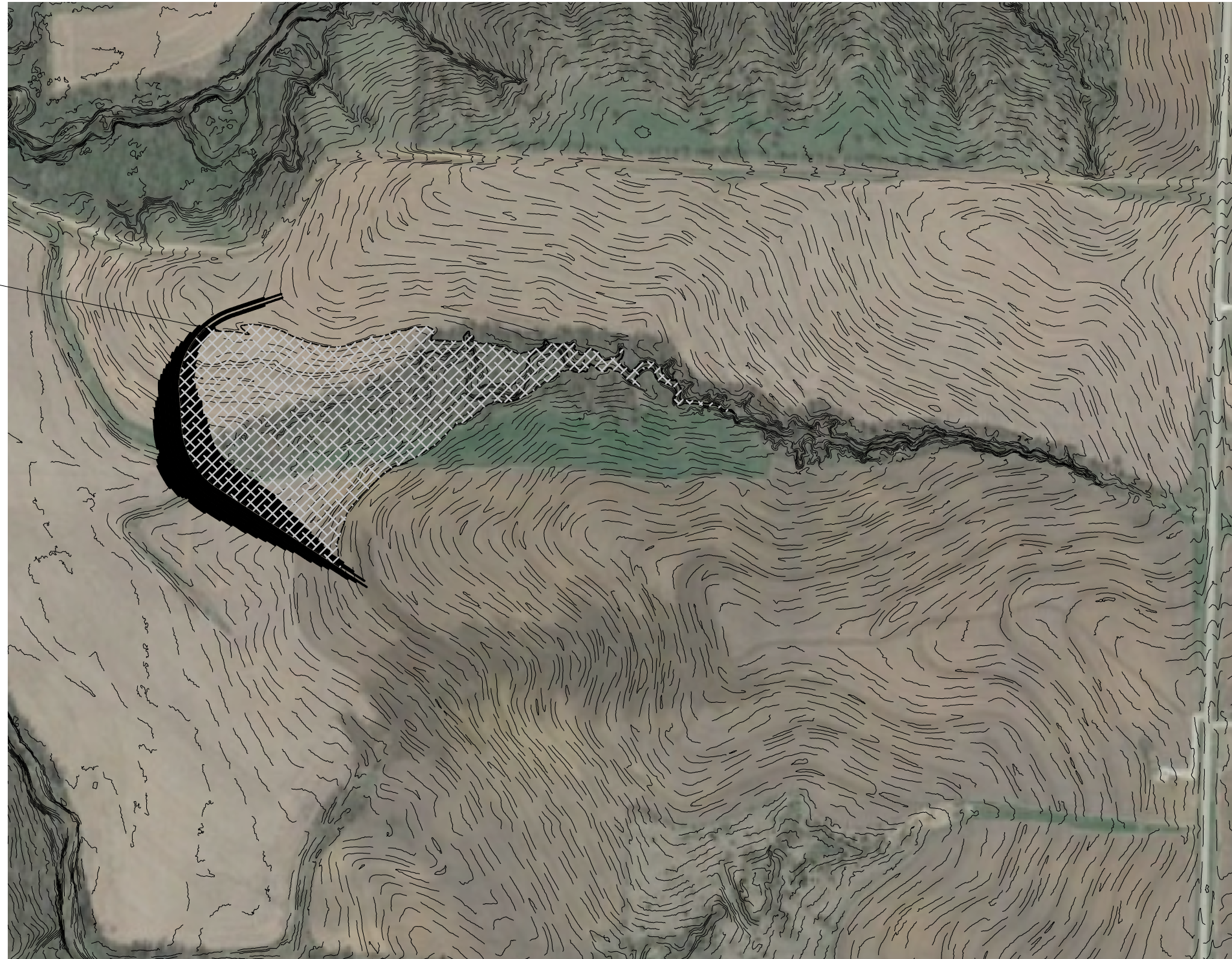
Stream Obstruction
N 1/2 Sec 27, T2S, R13E
Nemaha County, Kansas
PREPARED FOR
MWI - Corey Holthaus

SCALE	1"=400'
FIELD ON:	-
CHK. BY	MARCY
DWN. BY	BRENT
DATE:	02/23/23

SHEET 2 OF 2

JOB NO.
5262.148

Water Level at
Elev: 1215.40'



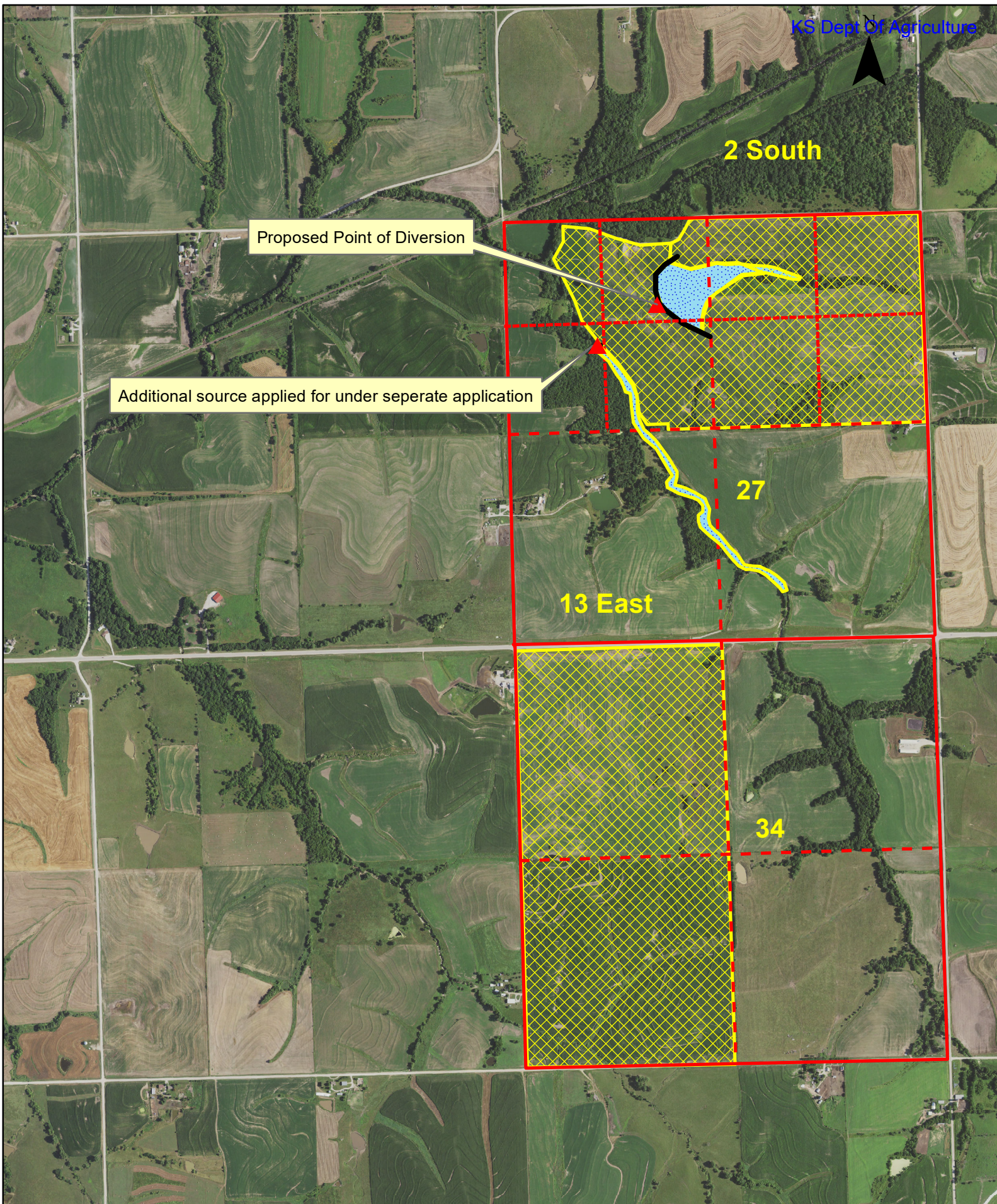
1:18,000

New Application

6/16/2023

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Proposed Point of Diversion

Additional source applied for under seperate application

2 South

13 East

27

34

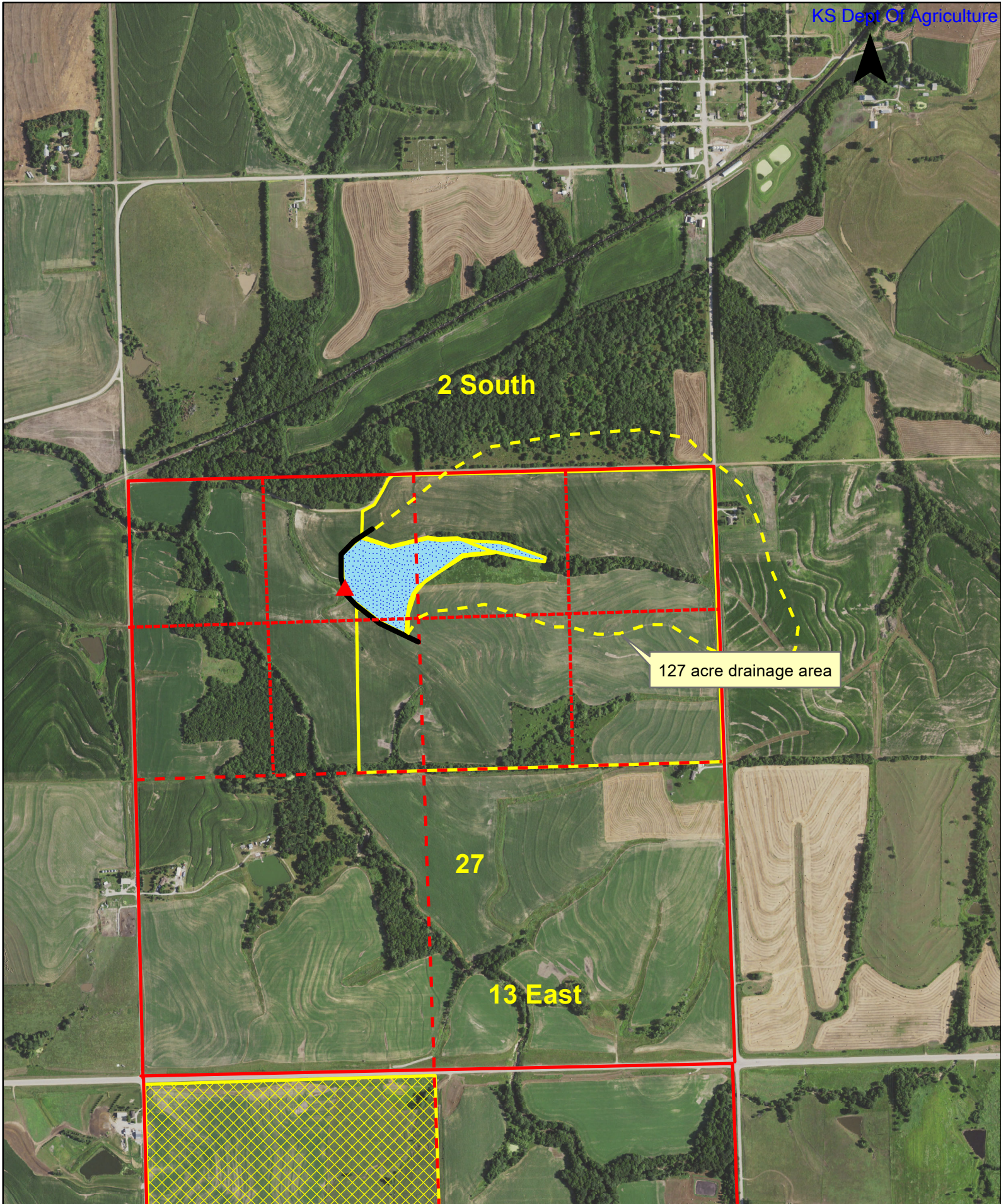
1:12,795

Holthaus Drainage Area

6/16/2023

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DATA ENTRY SYSTEM ID NUMBER SHEET

FILE NUMBER 51057

APPLICANT PERSON ID & SEQ #	PDIV ID	BATTERY ID
69050	90405	

LANDOWNER PERSON ID & SEQ #	PUSE ID
69050	71436
69051	71437

WATER USE CORRESPONDENT PERSON ID & SEQ #
69050