

Water Resources  
Received

Submit To:  
CHIEF ENGINEER  
Division of Water Resources  
Kansas Department of Agriculture  
1320 Research Park Drive  
Manhattan, KS 66502-5000  
<http://agriculture.ks.gov/dwr>

# APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

KS Dept Of Agriculture



State of Kansas

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

File Number: **51288**

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

1. Name of Applicant: Eichman Farm LLC  
Address: 11230 Myers Valley RD  
City: St George State: KS Zip Code: 66535  
Phone: 785-458-2871 Email: jeichman4020@gmail.com

**NEEDS STREAM NAME**

**8/9/2024**  
**KJN**

2. The source of water is:  surface water in Unamed Tributary to Rock Creek  
(stream)  
 groundwater in Kansas River Basin **VERMILLION RIVER BASIN**  
(drainage basin)

3. The maximum annual quantity of water desired is 105.39  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 105.39  acre-feet  gallons, at a rate of 1200  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):  
 Artificial Recharge\*  Irrigation\*  Recreational\*  Water Power\*  
 Industrial\*  Municipal\*  Stockwatering\*  Sediment Control  
 Domestic  Dewatering  Hydraulic Dredging  Fire Protection  
 Thermal Exchange  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.

<b>FOR OFFICE USE ONLY</b>																	
Code	FO	REG	1	GMD	-	DUA	-	Use	IRR	Source	SW	County	PT	By	KJN	Date	8/9/24
	Fee \$	200	TR #	PY2408F26N7			Receipt Date	08/08/2024		Check #							

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 NW quarter of the SW quarter of the SE quarter of Section 28, more particularly described as being near a point 913 feet North and 2500 feet West of the Southeast corner of said section, in Township 8 South, Range 9 E W, Pottawatomie 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 1 Dam  
(number of wells, pumps, dams, etc.)  
and was/will be completed on or by the following date: May 2025  
(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 May 2025  
(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.

PU- ANOTHER PERMIT APPLICATION FOR A CREEK PUMP SITE  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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:

Eichman Brothers INC 13075 Brush Creek RD Westmoreland, KS 66549

\_\_\_\_\_  
(name, address, and phone)

785-458-2871

\_\_\_\_\_  
(name, address, and phone)

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KS Dept Of Agriculture File No. \_\_\_\_\_

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

APPLICANT

\_\_\_\_\_  
(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:

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.

DocuSigned by:  
*Jameson Eichman*  
30080087224224

4/17/2024

(Applicant Signature)

(Date)

Jameson Eichman

(Applicant Name – please print)

Owner

(Applicant Title, if applicable – please print)

Assisted by Darcy Nightingale MWI LLC 4/8/24  
(office/title) Date:



**FEE SCHEDULE**

KS Dept Of Agriculture

*Make checks payable to the Kansas Department of Agriculture.*

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

Million Gallons (mg)	Acre-Feet (AF)	Fee
≤ 32.585	≤ 100	\$200.00
32.586 - 104.272	100.1 – 320.0	\$300.00
> 104.272	> 320	\$300.00 plus \$20 for each additional 100AF (32.586mg) or any part thereof

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

Million Gallons (mg)	Acre-Feet (AF)	Fee
≤ 81.462	≤ 249.9	\$200.00
≥ 81.463	≥ 250	\$200.00 plus \$20 for each additional 100AF (32.586mg) 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 **waterpower** or **dewatering** use shall be \$100.00 plus \$200.00 for each 44,880 gallons per minute (100 c.f.s.), or part thereof, of the diversion rate requested.

**IMPORTANT NOTICE**

If this application is approved, the applicant shall notify the Chief Engineer when the diversion works (well, pump, reservoir, pit, etc.) has/have been completed via the *Notice of Completion of Diversion Works* form (DWR 1-203.11) and along with the statutorily required field inspection fee of:

- \$200.00 for sediment control use or groundwater pits for industrial use, or
- \$400.00 for all other uses made of water

Failure to complete the diversion works by the deadline specified in the *Approval of Application and Permit to Proceed* (or any subsequent extension of time of said deadline) and/or failure to submit the proper notice and field inspection fee will result in the dismissal of the appropriation and forfeiture of any priority associated with it.

**For assistance with this application, please contact the Division of Water Resources (DWR).**

**Manhattan HQ**

1320 Research Park Dr.  
Manhattan, KS 66502  
785-564-6638

**Topeka Field Office**

1131 SW Winding Rd, Ste 400  
Topeka, KS 66615  
785-296-5733

**Stafford Field Office**

300 S. Main St  
Stafford, KS 67578  
620-234-5311

**Stockton Field Office**

820 S. Walnut  
Stockton, KS 67669  
785-425-6787

**Garden City Field Office**

4532 W. Jones Ave, Ste B  
Garden City, KS 67846  
620-276-2901

**Helpful Sources of Information**

DWR Water Appropriation Program

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

DWR Water Appropriation Forms

<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-appropriation-forms>

KGS Water Well Completion Records

<https://www.kgs.ku.edu/Magellan/WaterWell/index.html>

DWR Structures Program

<https://agriculture.ks.gov/divisions-programs/dwr/dam-safety/permit-requirements>

**IRRIGATION USE  
SUPPLEMENTAL SHEET**

File No. \_\_\_\_\_

Name of Applicant (Please Print): Eichman Brothers

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: Eichman Brothers

ADDRESS: 13075 Brush Creek RD Westmoreland, KS 66549

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
28	8S	9E	0	0	0	0	0	0	0	0	0	0	0	40	0	0	36	40	37	7.5	0	160.5
33	8S	9E	39	39	40	40	28.5	36	37	37.5	0	0	0	0	0	0	0	0	0	0	0	297
																						Total 457.5

**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.

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.



8/8/2024

DocuSign Envelope ID: B75087F0-8313-409C-A8A9-FC1B14A0E580

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1:16,000

# Application Map

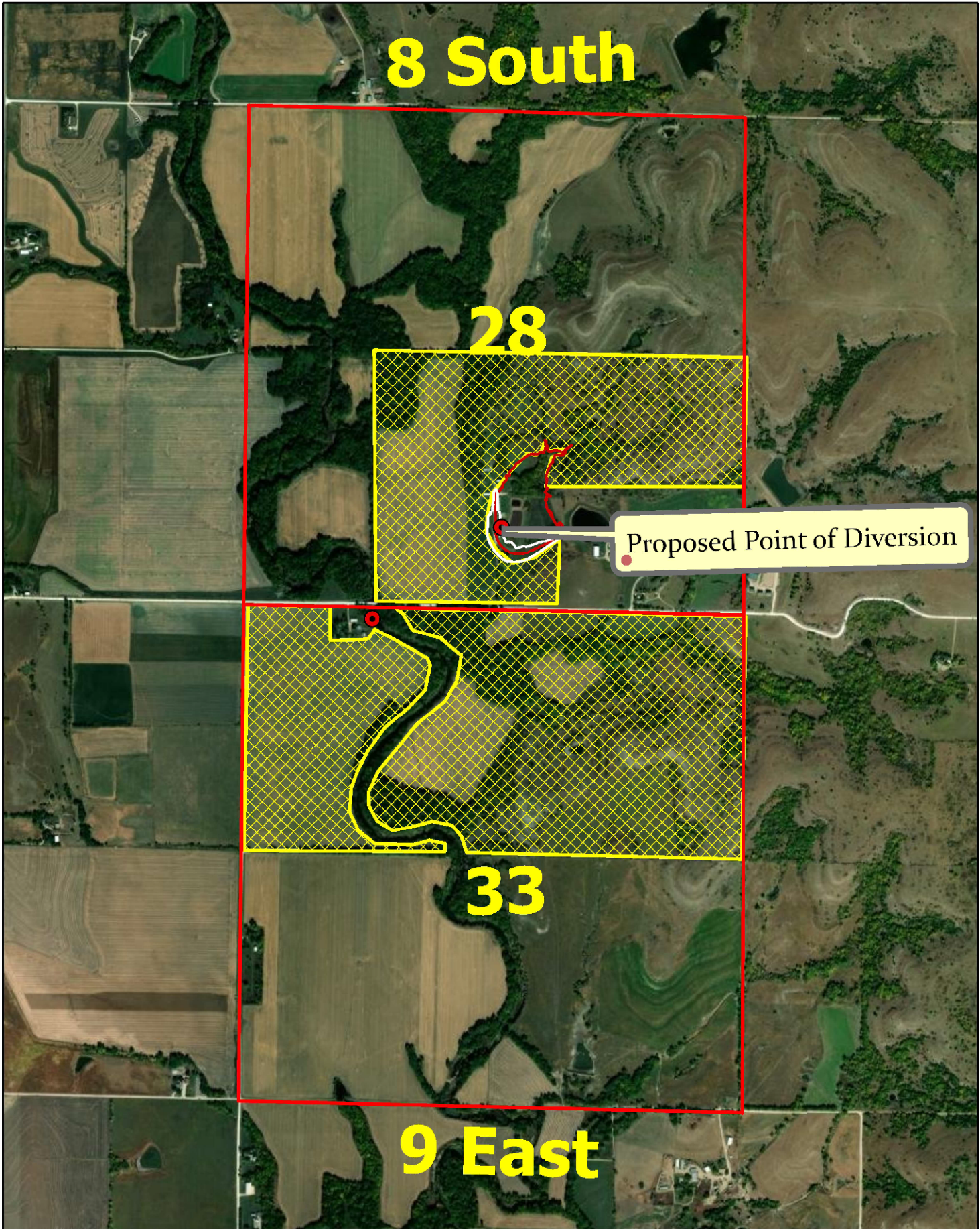
**8 South**

**28**

Proposed Point of Diversion

**33**

**9 East**







1:16,000

# Drainage Map

KS Dept. Of Agriculture.

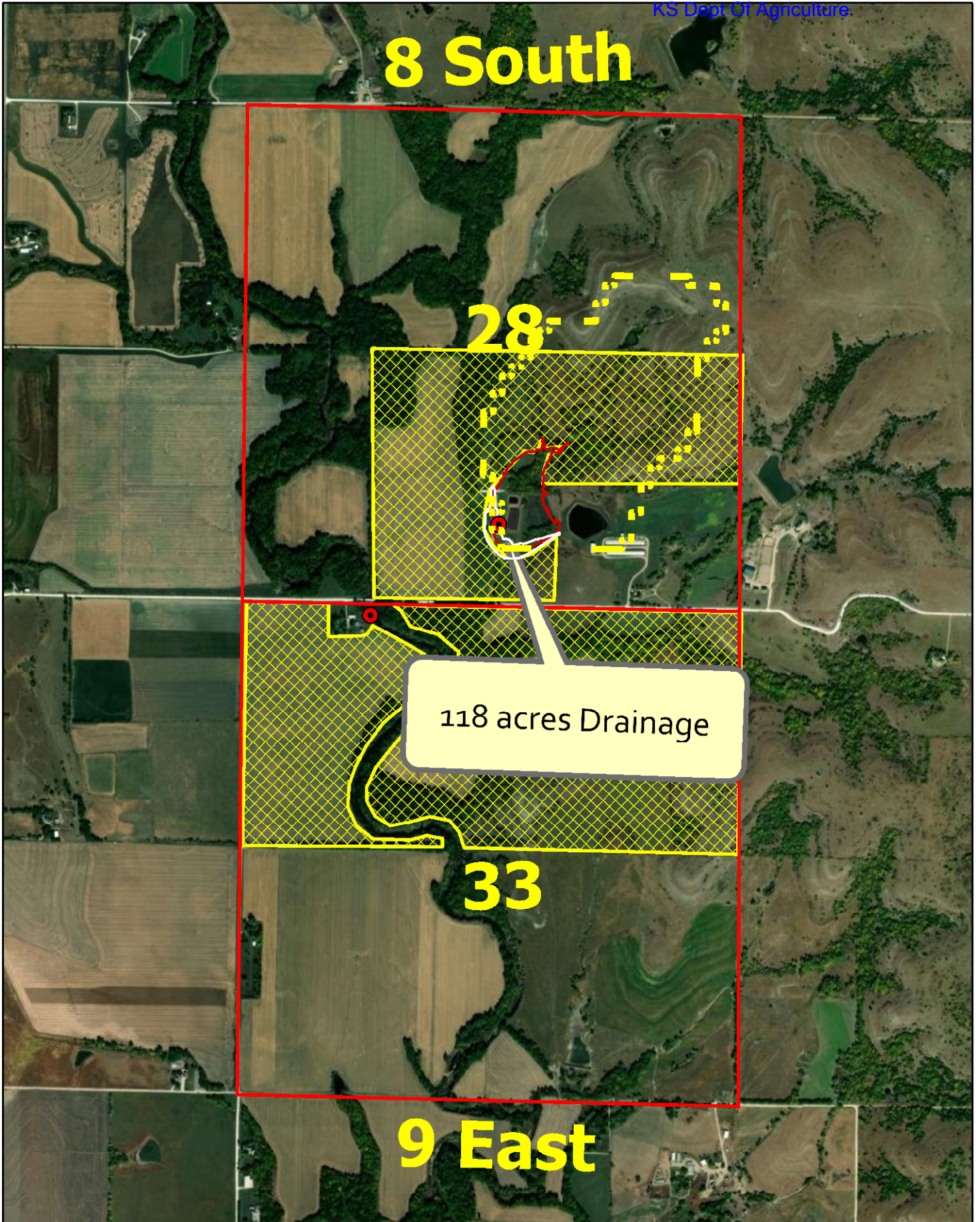
## 8 South

### 28

118 acres Drainage

### 33

## 9 East



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<b>PDFs</b>
<a href="#">Mean Annual Precipitation</a>
<a href="#">Soil Cover Complex</a>

Mean Annual Precip, in	<b>32</b>
Soil Cover Complex No.	<b>77</b>
Drainage Area, acres	<b>118</b>
<b>Runoff at 20% Chance, AF</b>	<b>105.39</b>

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%	1.45
Std. Dev. 80%	1.41
Avg	1.43

%Chance Firm	Runoff, in	Comp. Runoff, in
50%	3.22	<b>3.22</b>
80%	0.98	<b>0.96</b>
90%	0.50	<b>0.51</b>
20%		<b>10.72</b>

Mean annual runoff for CN = 75, inches	4.87
Mean annual runoff for CN = 80, inches	5.90
Interp. Mean annual runoff for CN = 77, inches	5.28

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**STORAGE CALCULATIONS**

The storage quantity and direct use are based on the calculated runoff which is the limiting factor

**UPSTREAM AND DOWNSTREAM LANDOWNERS**

Upstream -

#1) Aldena Scott  
12555 Antelope Run RD  
Westmoreland, KS 66549

Downstream -

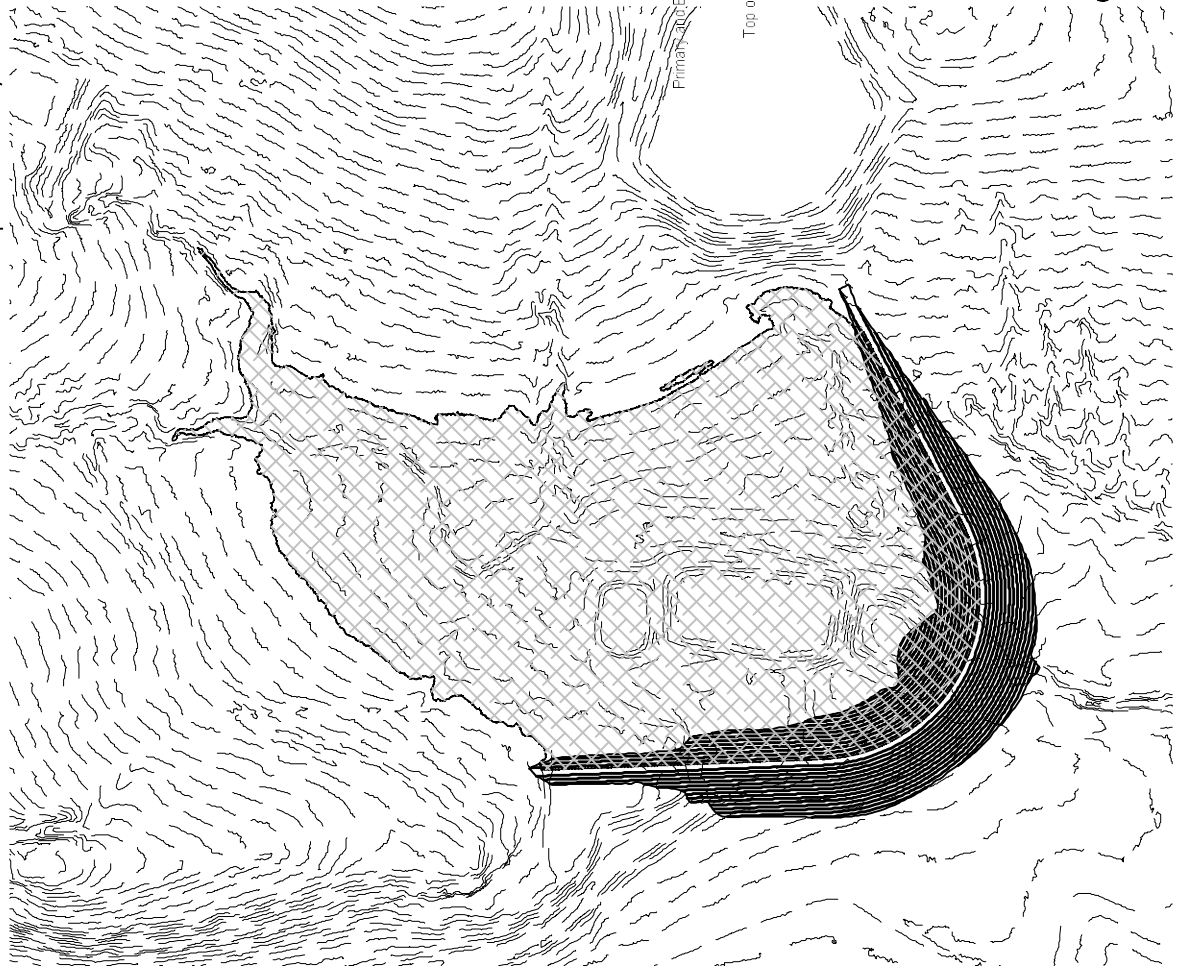
#1) Eichman Farm LLC  
11230 Myers Valley RD  
St George, KS 66535



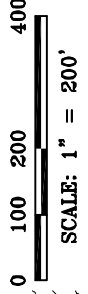
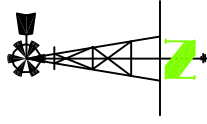
8/8/2024  
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# TOPOGRAPHIC SURVEY

## Compute Proposed Stream Obstruction Volume In the South One-Half of Section 28, Township 8 South, Range 9 East of the Sixth Principal Meridian, Pottawatomie County, Kansas

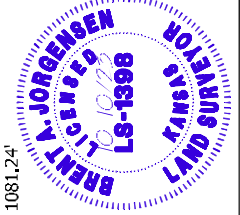


Contour	Area	Inc. Volume	Total Volume	Ac. Ft.	Embankment	Height
1081	-					
1082	516.09	258.05	258.045	0.0059		0.76
1083	1,918.12	1,217.11	1,475.150	0.0339		1.76
1084	3,261.90	2,590.01	4,065.160	0.0933		2.76
1085	4,888.60	4,075.25	8,140.410	0.1869		3.76
1086	6,368.55	5,628.58	13,768.985	0.3161		4.76
1087	8,141.62	7,255.09	21,024.070	0.4826		5.76
1088	10,327.72	9,587.17	30,611.240	0.7027		6.76
1089	13,990.21	12,511.47	43,122.705	0.9900		7.76
1090	17,932.58	15,961.40	59,084.100	1.3564		8.76
1091	24,786.50	21,359.54	80,443.640	1.8467		9.76
1092	35,004.77	29,895.64	110,339.275	2.5330		10.76
1093	47,022.98	41,013.88	151,353.150	3.4746		11.76
1094	61,978.04	64,500.51	215,853.660	4.9553		12.76
1095	96,107.80	89,042.92	304,896.580	6.9995		13.76
1096	110,010.51	103,059.16	407,955.735	9.3654		14.76
1097	126,670.18	118,340.35	526,296.080	12.0821		15.76
1098	149,755.04	138,212.61	664,508.690	15.2550		16.76
1099	181,645.94	165,700.49	830,209.180	19.0590		17.76
1100	207,733.63	194,689.79	1,024,898.965	23.5284		18.76
1101	231,027.19	219,380.41	1,244,279.375	28.5647		19.76
1102	252,989.89	242,008.54	1,486,287.915	34.1205		20.76
1103	276,137.67	264,563.78	1,750,851.695	40.1940		21.76
1104	298,865.76	287,501.72	2,038,353.410	46.7942		22.76
1105	321,193.20	310,029.48	2,348,382.890	53.9115		23.76
1106	355,459.12	338,326.16	2,686,709.050	61.6784		24.76
1107	387,446.08	371,452.60	3,058,161.650	70.2057		25.76
1108	416,461.46	401,953.77	3,460,115.420	79.4333	28,301	26.76
1109	454,674.03	435,567.75	3,895,683.165	89.4326	31,922	27.76
1110	484,414.03	469,544.03	4,365,227.195	100.2118	35,872	28.76
1111	511,336.57	497,875.30	4,863,102.495	111.6415	40,134	29.76
1112	540,260.84	525,798.71	5,388,901.200	123.7121	44,708	30.76
1113					49,599	31.76
1114					54,812	32.76



**General Notes for Site:**  
 No field verification of LIDAR elevations performed.  
 Front toe of stream obstruction elevation: 1081.60'  
 Rear toe of stream obstruction elevation: 1081.24'  
 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 \_\_\_\_\_.



Primary and ES spillway 1108  
 Top of Structure 1111

Stream Obstruction  
 S 1/2 Sec 28, T8S, R9E  
 Pottawatomie County, Kansas  
 PREPARED FOR  
 MWI - Eichman

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

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

JOB NO.  
 5262.169

SHEET 1 OF 2

DATE: 10/10/23

DRAWN BY: BRETT

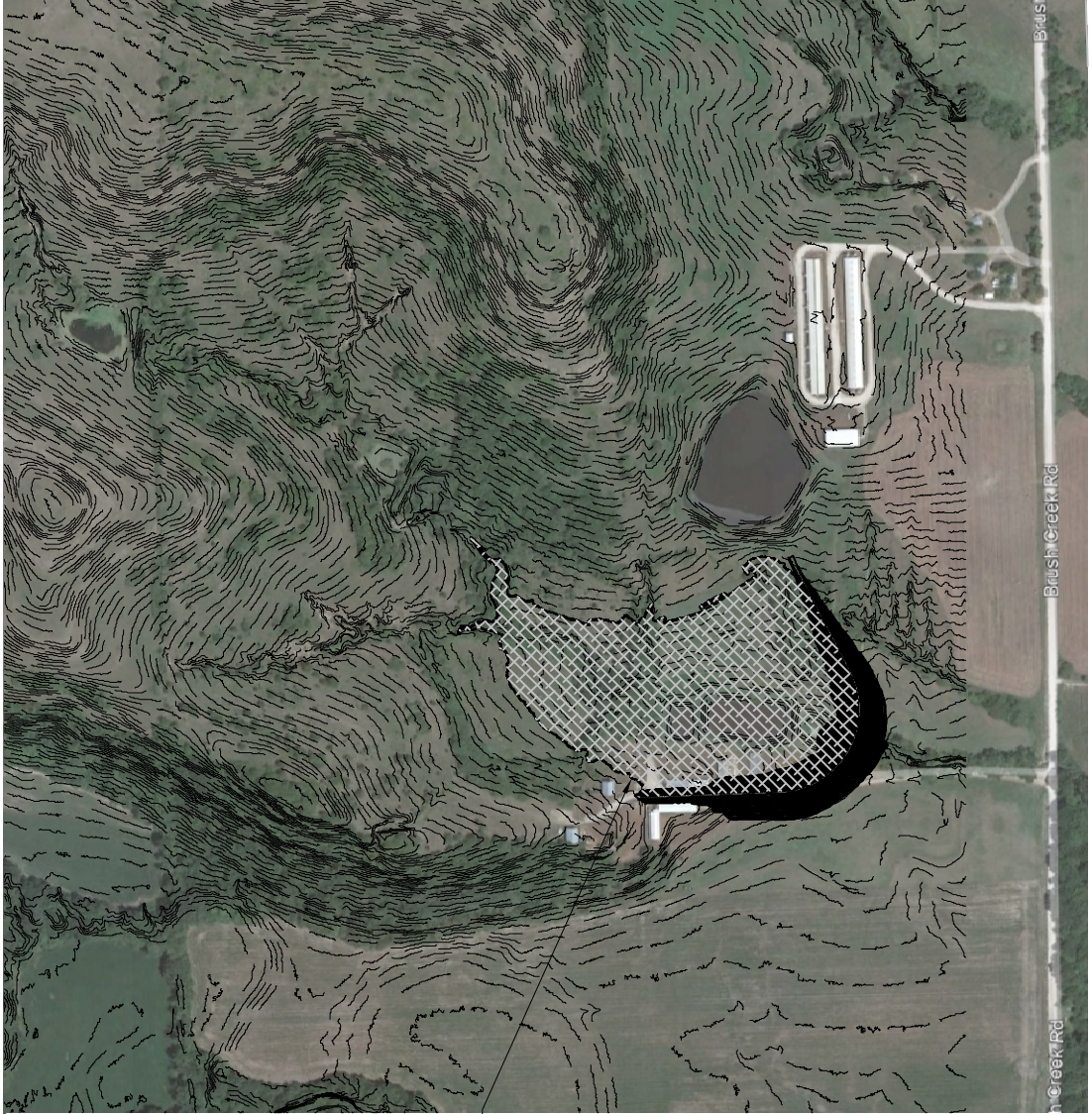
CHECK BY: MARCY

FIELD ON: -

SCALE: 1" = 200'



**TOPOGRAPHIC SURVEY**  
Compute Proposed Stream Obstruction Volume In the South One-Half of  
Section 28, Township 8 South, Range 9 East of the  
Sixth Principal Meridian, Pottawatomie County, Kansas

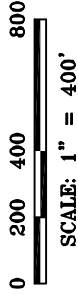


Water Level at  
Elev: 1112'

8/8/2024

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Stream Obstruction

S 1/2 Sec 28, T8S, R9E

Pottawatomie County, Kansas

MWI - Eichman

PREPARED FOR

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

THIS DRAWING ORIGINALLY CREATED AT  
MEASURED SCALE. IF LINE BELOW DOES NOT  
REDUCE,  
ORIGINAL DRAWING  
SIZE: 1 INCH

SCALE	1"=400'
FIELD ON	
CHK BY	MARCY
DRAWN BY	BRENT
DATE	10/10/23
SHEET	2 OF 2
JOB NO.	5262.169