

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

Water Resources
Received
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: **51266**

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

1. Name of Applicant: Kevin Bergman
Address: 1029 136th RD
City: Seneca State: KS Zip Code: 66538
Phone: 785-294-2595 Email: kevinb@agpartners.com

NEEDS STREAM NAME

2. The source of water is: surface water in UNAMED TRIBUTARY of North Fork Wildcat Creek
(stream)
 groundwater in South Fork Nemaha River
(drainage basin)

3. The maximum annual quantity of water desired is 192.1 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 rediversion. The maximum annual quantity of water desired to be rediverted is 192.1 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.

FOR OFFICE USE ONLY							
FO	<u>1</u>	GMD	<u>-</u>	DUA	<u>-</u>	Use	<u>IRR</u>
Code	<u>RE2</u>	Fee \$	<u>300</u>	TR #	<u>PY2407T5V65</u>	Source	<u>SW</u>
						County	<u>NM</u>
						By	<u>KJN</u>
						Date	<u>7/17/24</u>
						Receipt Date	<u>7/11/2024</u>
						Check #	

File No. _____

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 (¼) 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 SW quarter of the SE quarter of the SE quarter of Section 10, more particularly described as being near a point 3210 feet North and 3722 feet West of the Southeast corner of said section, in Township 2 South, Range 11 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 1 dam _____
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: May 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.

7/11/2024

File No. _____

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: Filed but not approved

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 ½ 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 ½ mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) ½ mile downstream and ½ 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:
Applicant

 (name, address, and phone)

7/11/2024

_____ (name, address, and phone)

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7/11/2024

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BERGMAN

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

John E & Marceil C TST 1006 136th RD Seneca KS 66538

KS Dept Of Agriculture

(name, address, and phone)

Applicant

(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:

Kevin Bergman

7/1/2024

(Applicant Signature)

(Date)

Kevin Bergman

(Applicant Name – please print)

Applicant

(Applicant Title, if applicable – please print)

Assisted by **Darcy Nightingale**

MWI LLC

Date: **6/15/24**

(office/title)

FEE SCHEDULE

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
DWR Water Appropriation Forms
KGS Water Well Completion Records
DWR Structures Program

<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation>
<https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-appropriation-forms>
<https://www.kgs.ku.edu/Magellan/WaterWell/index.html>
<https://agriculture.ks.gov/divisions-programs/dwr/dam-safety/permit-requirements> 7/11/2024

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1:23,000

APPLICATION MAP

Water Resources
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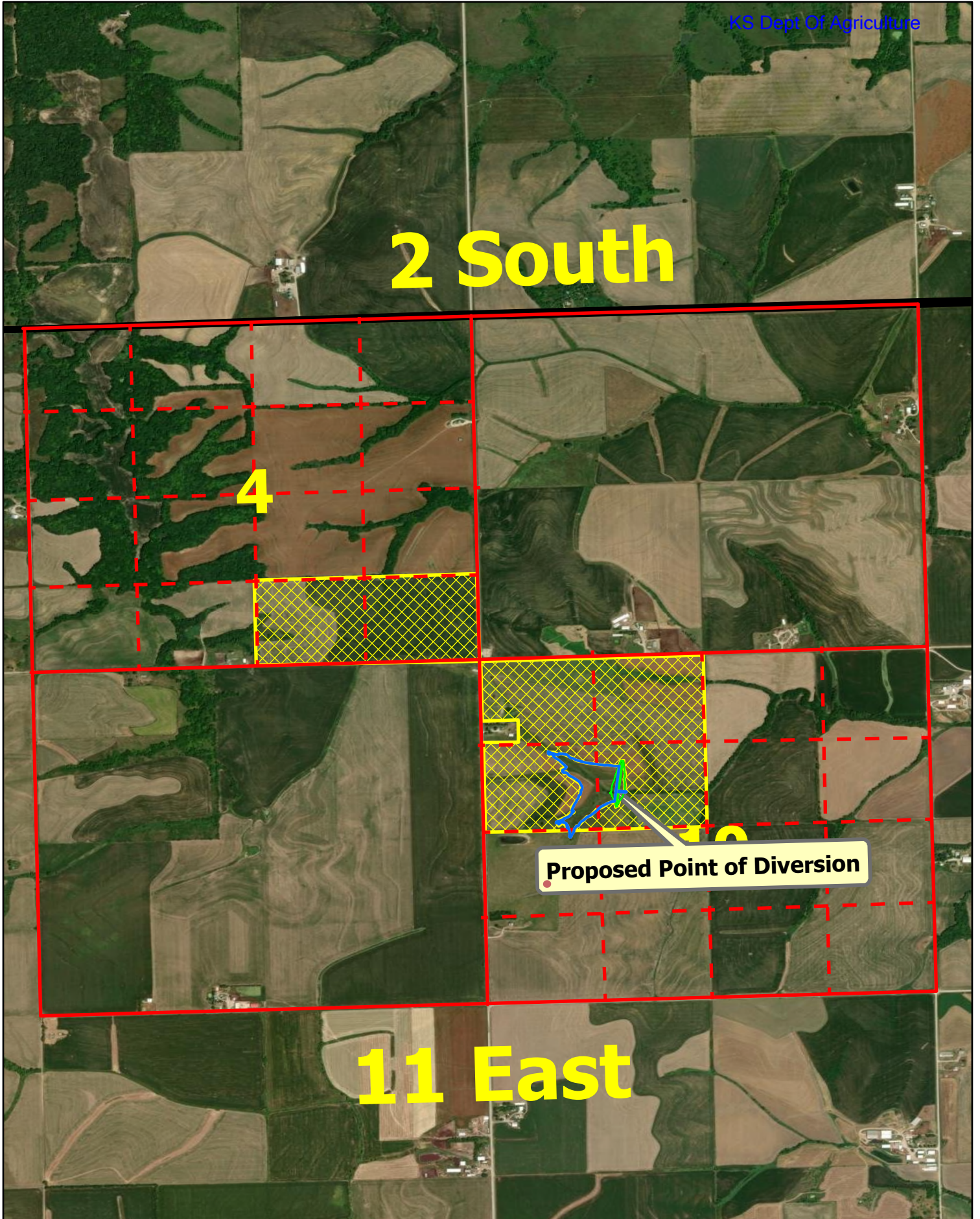
2 South

4

10

Proposed Point of Diversion

11 East



7/11/2024

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**IRRIGATION USE
SUPPLEMENTAL SHEET**

KS Dept Of Agriculture

File No. _____

Name of Applicant (Please Print): Kevin Bergman

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: Kevin Bergman

ADDRESS: 1029 136th RD 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	
10	2	11E					40	36	32	36									144
4	2	11E															40	40	80
																			Total 224

JOHN E & MARCEIL C TST BERGMAN

Landowner of Record NAME: _____

ADDRESS: 1006 136TH RD SENCA 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	
4	2	11E															40	40	80

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	

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STORAGE CALCULATIONS

TOTAL RESERVOIR CAPACITY =	57	AF		
DIRECT USE =	192.1	AF		
TOTAL RESERVOIR SURFACE AREA =	9.8	ACRES		
1 YEAR NET EVAPORATION =	9.8 ACRES X 10"/12" =		8.16667	AF
STORAGE =	192 AF+	57 +	8.1667 =	257.267 AF

UPSTREAM AND DOWNSTREAM LANDOWNERS

Upstream -

#1) Daniel & Gloria Heiman TST
 383 168th RD
 Baileyville, KS 66404

Gilbert & Janice Heiman Family TST
 808 Hillcrest DR
 Seneca, KS 66538

Downstream -

#1) Stephanie Hulsing REV LIV TST
 2079 96th RD
 Goff, KS 66428

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PDFs
Mean Annual Precipitation
Soil Cover Complex

Mean Annual Precip, in	32
Soil Cover Complex No.	76
Drainage Area, acres	223
Runoff at 20% Chance, AF	192.10

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

%Chance Firm	Runoff, in	Comp. Runoff, in
50%	3.08	3.08
80%	0.93	0.92
90%	0.48	0.49
20%		10.34

Std. Dev. 90%	1.46
Std. Dev. 80%	1.42
Avg	1.44

Mean annual runoff for CN = 75, inches	4.87
Mean annual runoff for CN = 80, inches	5.90
Interp. Mean annual runoff for CN = 76, inches	5.07

1:23,000

Drainage Map

Water Resources
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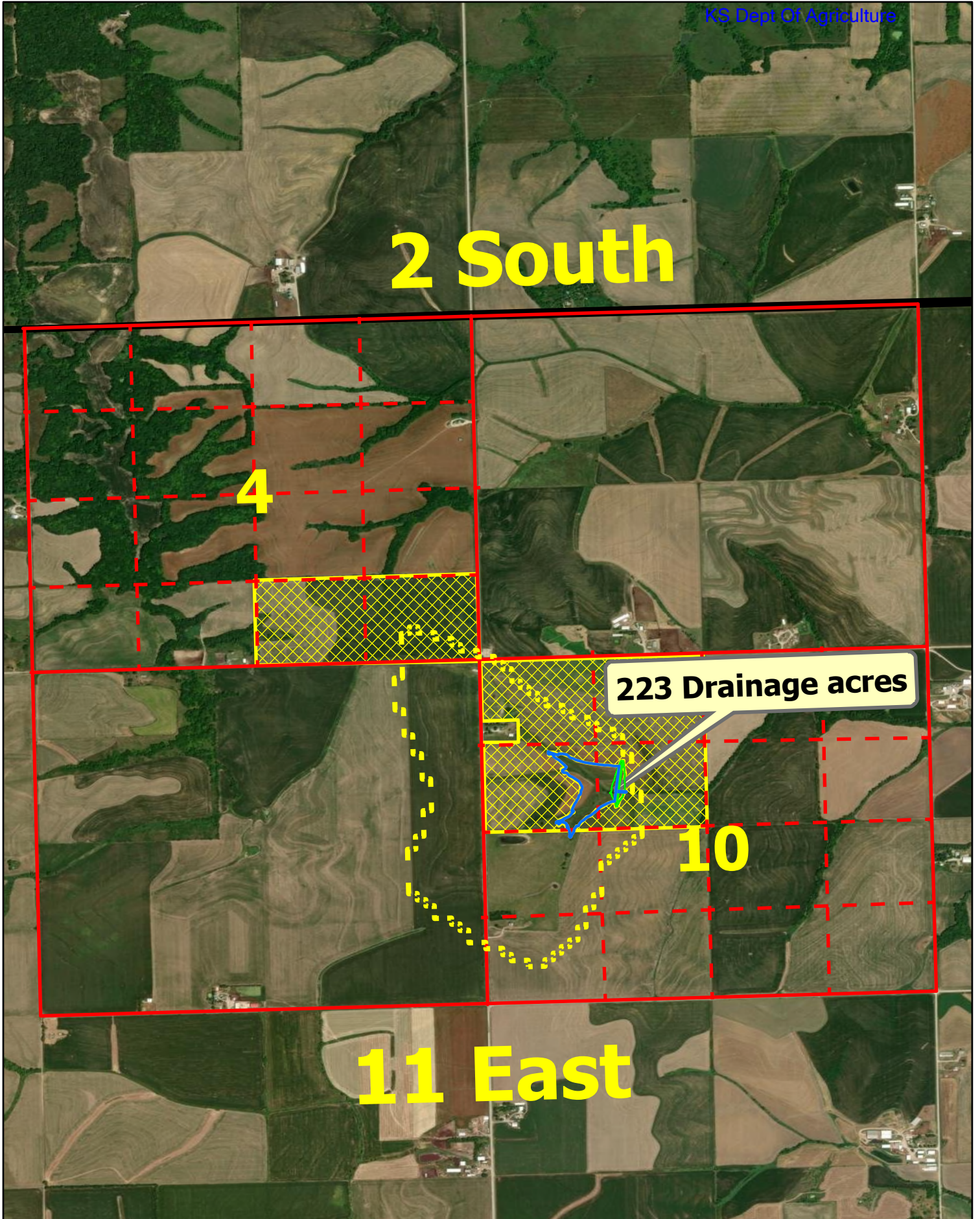
2 South

4

223 Drainage acres

10

11 East



STAGE - STORAGE TABLE FOR POND DESIGN

Owner: **Steve Bergman**
 Legal:
 County: **Nemaha**

Designed By: **ajb**
 Date: 06/11/24
 Checked By:
 Date:

Pond Estimate Stage Storage

Map Scale: 1 inch = **208.7103260** Feet
 Conversion Factor = **1.00** ac./sq. in.

Elevation (ft)	Area (in^2)	Area (ft^2)	Storage (ft^3)	Total Storage (ft^3)	Total Storage (gal.)	Days @ 500 gal/min 13.5 hour day	Inches per 41 Acres	Total Storage Acre- Feet
=====	=====	=====	=====	=====	=====	=====	=====	=====
1235.8	0	0	0	0	0	0	0	0
1238.0	2069	2069	2276	2276	17,024	0.0	0.05	0.05
1240.0	12096	12096	14165	16441	122,978	0.3	0.38	0.38
1242.0	34599	34599	46695	63136	472,257	1.2	1.45	1.45
1244.0	65987	65987	100586	163722	1,224,640	3.0	3.76	3.76
1246.0	117300	117300	183287	347009	2,595,627	6.4	7.97	7.97
1248.0	182035	182035	299335	646344	4,834,652	11.9	14.84	14.84
1250.0	253291	253291	435326	1081670	8,090,891	20.0	24.83	24.83
1252.0	350692	350692	603983	1685653	12,608,684	31.1	38.70	38.70
1254.0	446695	446695	797387	2483040	18,573,139	45.9	57.00	57.00
1256.0	554957	554957	1001652	3484692	26,065,496	64.4	80.00	80.00
1258.0	649893	649893	1204850	4689542	35,077,774	86.6	107.66	107.66
1260.0	784700	784700	1434593	6124135	45,808,529	113.1	140.59	140.59
		0	0	0	0	0.0	0.00	
		0	0	0	0	0.0	0.00	
		0	0	0	0	0.0	0.00	
		0	0	0	#REF!	#REF!	0.00	
		0	0	0	#REF!	#REF!	0.00	
		0	0	0	#REF!	#REF!	0.00	

Principal Spillway Storage @ Elev. 1254.0

57.00 Ac Ft

Aux. Spillway Storage

93.83 Ac Ft

Interpolated @ Elev. 1257.0

1320 Research Park Drive
Manhattan, KS 66502
785-564-6700
www. agriculture.ks.gov



900 SW Jackson, Room 456
Topeka, KS 66612
785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

July 22, 2024

KEVIN BERGMAN
1029 136TH RD
SENECA KS 66538

RE: Application, File No(s). **51266**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at agriculture.ks.gov/divisions-programs/dwr. If you have any other questions, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser
New Applications Lead
Water Appropriation Program