

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.

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

50786

5/11/2022

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

Water Resources
Received
8:00 AM
KS Dept Of Agriculture

**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): GEORG FARMS LLC
Address: 2490 136 RD
City: SABETHA State KS Zip Code 66534
Telephone Number: (785) 284-2457

Needs Stream Name

2. The source of water is: surface water in UNNAMED TRIB TO MUDDY CREEK
(stream)
OR groundwater in DELAWARE 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 = 148 AF

3. The maximum quantity of water desired is STORAGE = 217.4 AF acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of ALL NAT FLOWS gallons per minute OR _____ cubic feet per second.

RE-DIVERSION = 1000 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) 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

5/16/2022
LMoody

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 NM By BMM Date 5/11/22
Code RE2 Fee \$ 300 TR # PY00040595 Receipt Date 5/11/2022 Check # CC

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 **NW** quarter of the **SW** quarter of the **SW** quarter of Section **23**, more particularly described as being near a point **1015** feet North and **5250** feet West of the Southeast corner of said section, in Township **3** South, Range **14 EAST, NEMAHA** _____ 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):

APPLICANT _____
(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 May 11th, 2022.



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) **JUNE 2023** _____
(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 2023** _____
(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.

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

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

OWNER/TENANT
(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 Hiawatha, Kansas, this 11 day of May, 2022.
(month) (year)



(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

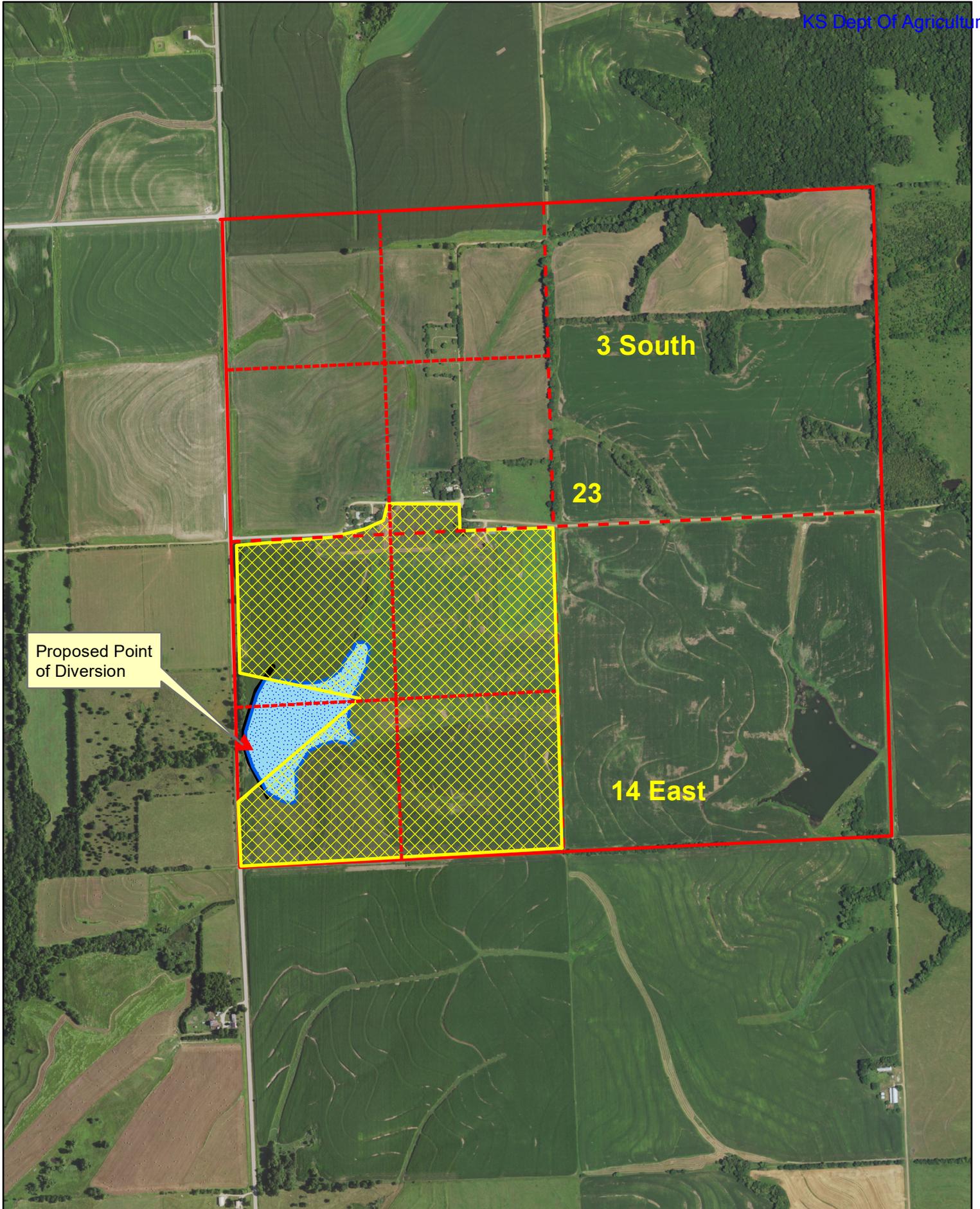
1:12,000

NEW APPLICATION

5/11/2022

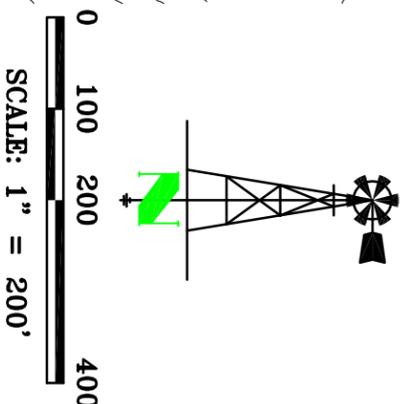
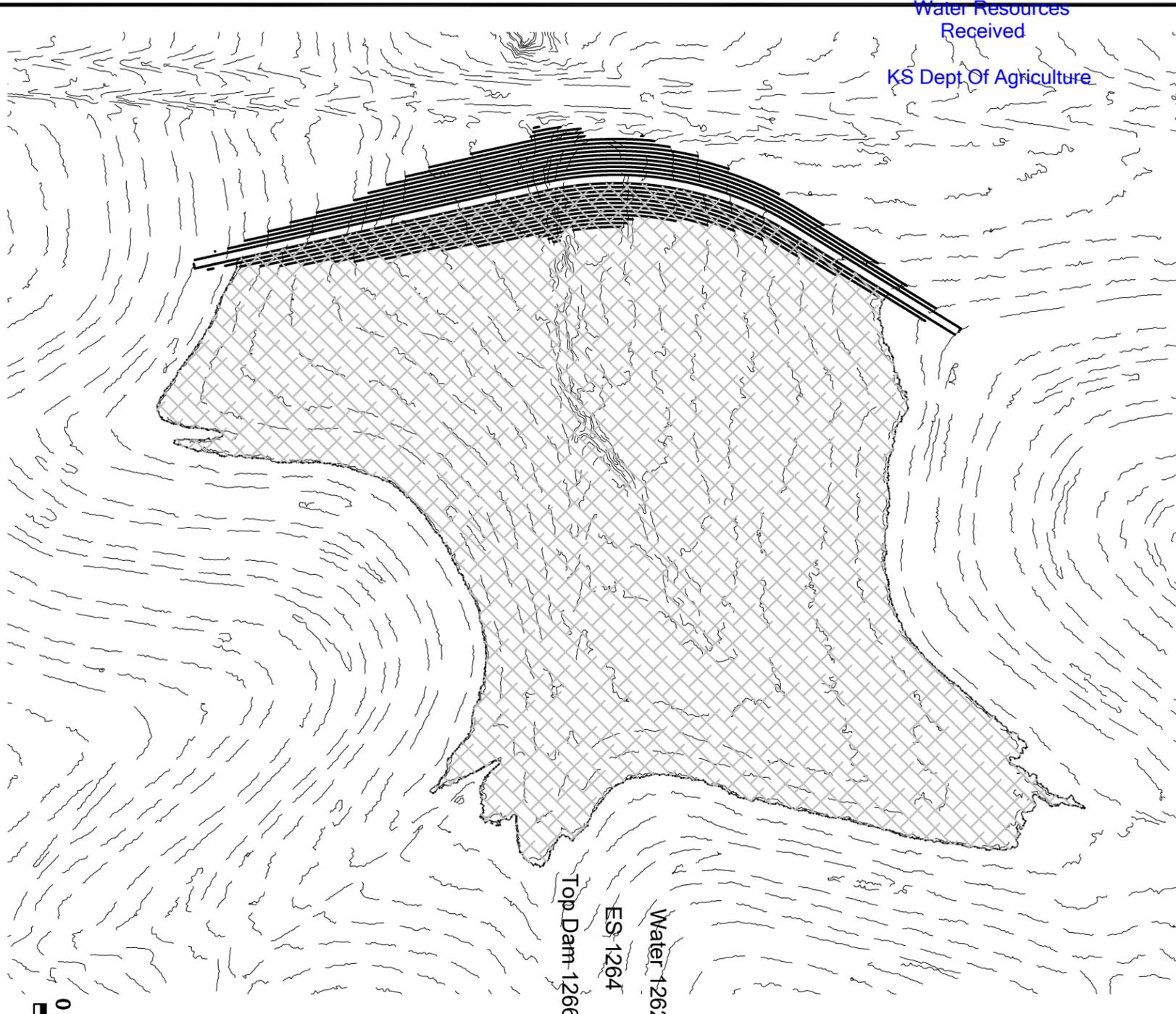
Water Resources
Received

KS Dept Of Agriculture



TOPOGRAPHIC SURVEY
Compute Proposed Stream Obstruction Volume in the Southwest One-Quarter of
Section 23, Township 3 South, Range 14 East of the
Sixth Principal Meridian, Nemaha County, Kansas

| Contour | Area | 1' Volume | Total Volume | Ac. Ft. | Embankment | Height |
|---------|--------------|--------------|---------------|----------|------------|--------|
| 1242 | - | 36.59 | 36.585 | 0.0008 | | 2.56 |
| 1243 | 73.17 | 582.08 | 618.665 | 0.0142 | | 3.56 |
| 1244 | 1,090.99 | 1,687.99 | 2,306.655 | 0.0530 | | 4.56 |
| 1245 | 2,284.99 | 2,761.67 | 5,068.320 | 0.1164 | | 5.56 |
| 1246 | 3,238.34 | 5,123.78 | 10,192.100 | 0.2340 | | 6.56 |
| 1247 | 7,009.22 | 8,895.52 | 19,087.615 | 0.4382 | | 7.56 |
| 1248 | 10,781.81 | 19,061.59 | 38,149.200 | 0.8758 | | 8.56 |
| 1249 | 27,341.36 | 34,443.71 | 72,592.910 | 1.6665 | | 9.56 |
| 1250 | 41,546.06 | 49,121.33 | 121,714.235 | 2.7942 | | 10.56 |
| 1251 | 56,696.59 | 64,549.12 | 186,263.350 | 4.2760 | | 11.56 |
| 1252 | 72,401.64 | 85,165.23 | 271,428.575 | 6.2311 | | 12.56 |
| 1253 | 97,928.81 | 112,659.18 | 384,087.755 | 8.8174 | | 13.56 |
| 1254 | 127,389.55 | 143,559.87 | 527,647.620 | 12.1131 | | 14.56 |
| 1255 | 159,730.18 | 177,168.83 | 704,816.450 | 16.1804 | | 15.56 |
| 1256 | 194,607.48 | 212,439.40 | 917,255.850 | 21.0573 | | 16.56 |
| 1257 | 230,271.32 | 250,271.62 | 1,167,527.465 | 26.8027 | | 17.56 |
| 1258 | 270,271.91 | 295,411.34 | 1,462,938.805 | 33.5845 | | 18.56 |
| 1259 | 320,550.77 | 350,829.87 | 1,813,768.675 | 41.6384 | | 19.56 |
| 1260 | 381,108.97 | 410,632.50 | 2,224,401.170 | 51.0652 | | 20.56 |
| 1261 | 440,156.02 | 471,780.28 | 2,696,181.445 | 61.8958 | | 21.56 |
| 1262 | 503,404.53 | 534,188.71 | 3,230,370.150 | 74.1591 | | 22.56 |
| 1263 | 564,972.88 | 593,707.82 | 3,824,077.965 | 87.7888 | | 23.56 |
| 1264 | 622,442.75 | 655,249.91 | 4,479,327.870 | 102.8312 | | 24.56 |
| 1265 | 688,057.06 | 720,770.83 | 5,200,098.695 | 119.3778 | 21,857 | 25.56 |
| 1266 | 753,484.59 | 784,266.55 | 5,584,636.620 | 128.2056 | 24,809 | 26.56 |
| 1266.25 | 769,276.13 | 815,410.31 | 5,984,555.835 | 137.3865 | 28,024 | 27.56 |
| 1267 | 815,410.31 | 847,162.35 | 6,831,718.180 | 156.8347 | 31,526 | 28.56 |
| 1268 | 878,914.38 | 919,442.55 | 7,751,160.725 | 177.9422 | | 29.56 |
| 1269 | 959,970.71 | 1,000,801.25 | 8,751,961.975 | 200.9174 | 35,321 | |
| 1270 | 1,041,631.79 | | | | | |

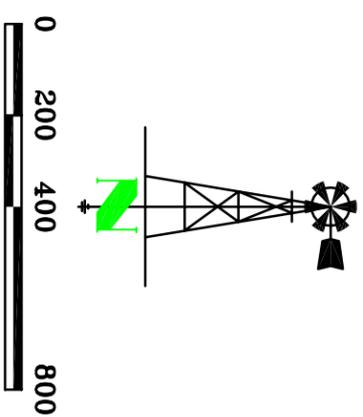


General Notes for Site:
 No Field verification of LIDAR elevations performed.
 Front toe of stream obstruction elevation: 1243.22'
 Rear toe of stream obstruction elevation: 1240.44'
 Assumed top of structure width: 12
 Assumed front and back slope: 3:1



| | | | |
|---|---|---|--|
| <p>Stream Obstruction</p> <p>SW 1/4 Sec 23, T3S, R14E Nemaha County, Kansas</p> <p>PREPARED FOR MWI - Georg Family Farms</p> | | <p>JORGENSEN SURVEYING</p> <p>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>ORIGINAL DRAWING SIZE: 1 INCH</p> |
| <p>SCALE: 1"=200'</p> <p>FIELD ON: -</p> <p>CHK. BY: MARCY</p> <p>DRAWN BY: BRENT</p> <p>DATE: 12/10/21</p> <p>SHEET 1 OF 2</p> <p>JOB NO. 5262.125</p> | <p>LAND SURVEYOR'S CERTIFICATE</p> <p>THIS IS TO CERTIFY THAT THIS SURVEY WAS DONE BY THE UNDERSIGNED, AND THAT THE SURVEY WAS DONE ON THE GROUND ON _____.</p> | | |

TOPOGRAPHIC SURVEY
 Compute Proposed Stream Obstruction Volume in the Southwest One-Quarter of
 Section 23, Township 3 South, Range 14 East of the
 Sixth Principal Meridian, Nemaha County, Kansas



| | | | |
|-----------|---|--|---|
| | Stream Obstruction SW 1/4 Sec 23, T3S, R14E Nemaha County, Kansas <small>PREPARED FOR</small> MWI - Georg Family Farms |  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. <u>ORIGINAL DRAWING</u> SIZE: 1 INCH |
| SCALE | 1"=400' | | |
| FIELD ON: | - | | |
| CHK. BY | MARCY | | |
| DWN. BY | BRENT | | |
| DATE: | 12/10/21 | | |
| SHEET | 2 OF 2 | | |
| JOB NO. | 5262.125 | | |

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. _____

Name of Applicant (Please Print): **GEORG FARMS 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: **GEORG FARMS LLC**

ADDRESS: **2490 136 RD SABETHA KS 66534**

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL | |
|----|---|-----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|-----|
| | | | NE | NW | SW | SE | | |
| 23 | 3 | 14E | | | | | | | | | | 39 | 33 | 30 | 40 | | | | | 142 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Landowner of Record NAME: **JOYCELN A KATHRENS**

ADDRESS: **2316 116TH RD SABETHA KS 66534**

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL | |
|----|---|-----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|-----|
| | | | NE | NW | SW | SE | | |
| 23 | 3 | 14E | | | | | | | .5 | 3 | 1 | 2 | | | | | | | | 6.5 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Landowner of Record NAME: _____

ADDRESS: _____

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

STORAGE QUANTITY CALCULATIONS

RESERVOIR CAPACITY = 61.8 AF

DIRECT USE QUANTITY = 148 AF

RESERVOIR SURFACE AREA = 11.5 ACRES

NET EVAP = 8"

1 YEAR NET EVAP = 11.5 ACRES X 8"/12" = 7.6 AF

STORAGE QUANTITY = 61.8 AF + 148 AF + 7.6 AF = 217.4 AF

UPSTREAM AND DOWNSTREAM LANDOWNERS

Upstream –

#1) JOYCELN A KATHRENS
2316 116TH RD
SABETHA KS 66534

#2) SAMUEL PAYNE
331 N 9TH ST
SABETHA KS 66534

Downstream –

#1) CONNIE J ROBINSON TRUST
2047 144TH RD
SABETHA KS 66534

#2) NELL THOMPSON
6530 SW 27TH ST
TOPEKA KS 66614

DATA ENTRY SYSTEM ID NUMBER SHEET

FILE NUMBER 50786

| APPLICANT PERSON ID & SEQ # | PDIV ID | BATTERY ID |
|--------------------------------|---------|------------|
| 66534 | 89529 | |
| | | |
| | | |
| | | |
| | | |

| LANDOWNER PERSON ID & SEQ # | PUSE ID |
|--------------------------------|---------|
| 66534 | 70859 |
| 68385 | 70860 |
| | |
| | |
| | |

| WATER USE CORRESPONDENT PERSON ID & SEQ # |
|--|
| 66534 |
| |
| |
| |