

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



State of Kansas

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

12/12/2023, 8:57 AM

File Number: **51155**
This item to be completed by the Division of Water Resources staff.

Water Resources
Received

KS Dept Of Agriculture

1. Name of Applicant: Central Valley Ag Coop
Address: 204 E Court St
City: Beloit State: Ks Zip Code: 67420
Phone: 785-545-6684 Email: jeff.holling@cvacoop.com

2. The source of water is: surface water in _____ (stream)
 groundwater in Republican (drainage basin)

3. The maximum annual quantity of water desired is 1.5 million gallons acre-feet gallons
to be diverted at a maximum rate of 200 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 _____ acre-feet gallons, at a rate of _____ 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>3</u>	GMD	DUA	Use	<u>IND</u>	Source	<u>G</u>	County	<u>RP</u>	By	<u>ALB</u>	Date	<u>12/12/23</u>
Code	<u>REG</u>	Fee \$	<u>200</u>	TR #	<u>PY00103752</u>	Receipt Date	<u>12/12/23</u>	Check #					

60 DTL
1320'
3960'

Water Resources
Received

File No. _____

5. The location(s) of the proposed diversion works (well, pump site, 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.

Geo-Center 563' N
3418' W

4/8/2024
BMM

- (A) One in the SE quarter of the SE quarter of the SW quarter of Section 8, more particularly described as being near a point 276 feet North and 2799 feet West of the Southeast corner of said section, in Township 3S South, Range 5 E W, Republic County, KS. A.K.A: _____
- (B) One in the SW quarter of the SE quarter of the SW quarter of Section 8, more particularly described as being near a point 451 feet North and 3715 feet West of the Southeast corner of said section, in Township 3S South, Range _____ E W, Republic County, KS. A.K.A: _____
- (C) One in the SW quarter of the SE quarter of the SW quarter of Section 8, more particularly described as being near a point 961 feet North and 3740 feet West of the Southeast corner of said section, in Township 3S South, Range 5W E W, Republic 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 a battery of 4 wells
(number of wells, pumps, dams, etc.)
and was/will be completed on or by the following date: November 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 January 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.

Request 60 days for test hole logs

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: N/A 12/12/2023

11. Furnish a detailed topographic or aerial map that depicts the following information: Water Resources
Received
KS Dept Of Agriculture
 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:

 (name, address, and phone)

 (name, address, and phone)

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

12/12/2023

(name, address, and phone)

Water Resources
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(name, address, and phone)

KS Dept Of Agriculture

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:

Sara Moravek 700 Union St PO box 259 Courtland, KS 66939 785-955-0986

(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.

(Applicant Signature)

12-9-2023

(Date)

Jeff Holling Central Valley Ag Coop

(Applicant Name – please print)

Regional Operations Manager

(Applicant Title, if applicable – please print)

Assisted by _____ Date: _____
(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

12/12/2023

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KS Dept Of Agriculture

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>

12/12/2023

**INDUSTRIAL USE
SUPPLEMENTAL SHEET**

Water Resources
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KS Dept Of Agriculture

File No. _____

Name of Applicant (Please Print): Central Valley Ag Coop Inc.

1. Please describe type of industry or product produced: Agriculture Retail
 _____ Standard Industrial Classification Code Number: _____

2. Please complete the following table to show your past and present water requirements:

PAST PRODUCT PRODUCTION AND WATER DIVERTED, IF APPLICABLE

LAST 5 YEARS	AMOUNT OF PRODUCT	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
5 years ago	NA		
Last year	NA		
Present year	NA		

3. Please complete the following table to show your future water requirements:

ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED

NEXT 5 YEARS	AMOUNT OF PRODUCT	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1	1.0 million gallons		10,000
Year 2	1.2 million gallons		12,000
Year 3	1.3 million gallons		13,000
Year 4	1.4 million gallons		14,000
Year 5	1.4 million gallons		14,000

Number of days of operation of the industry per year is 100 days.

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
8	3s	8w																	

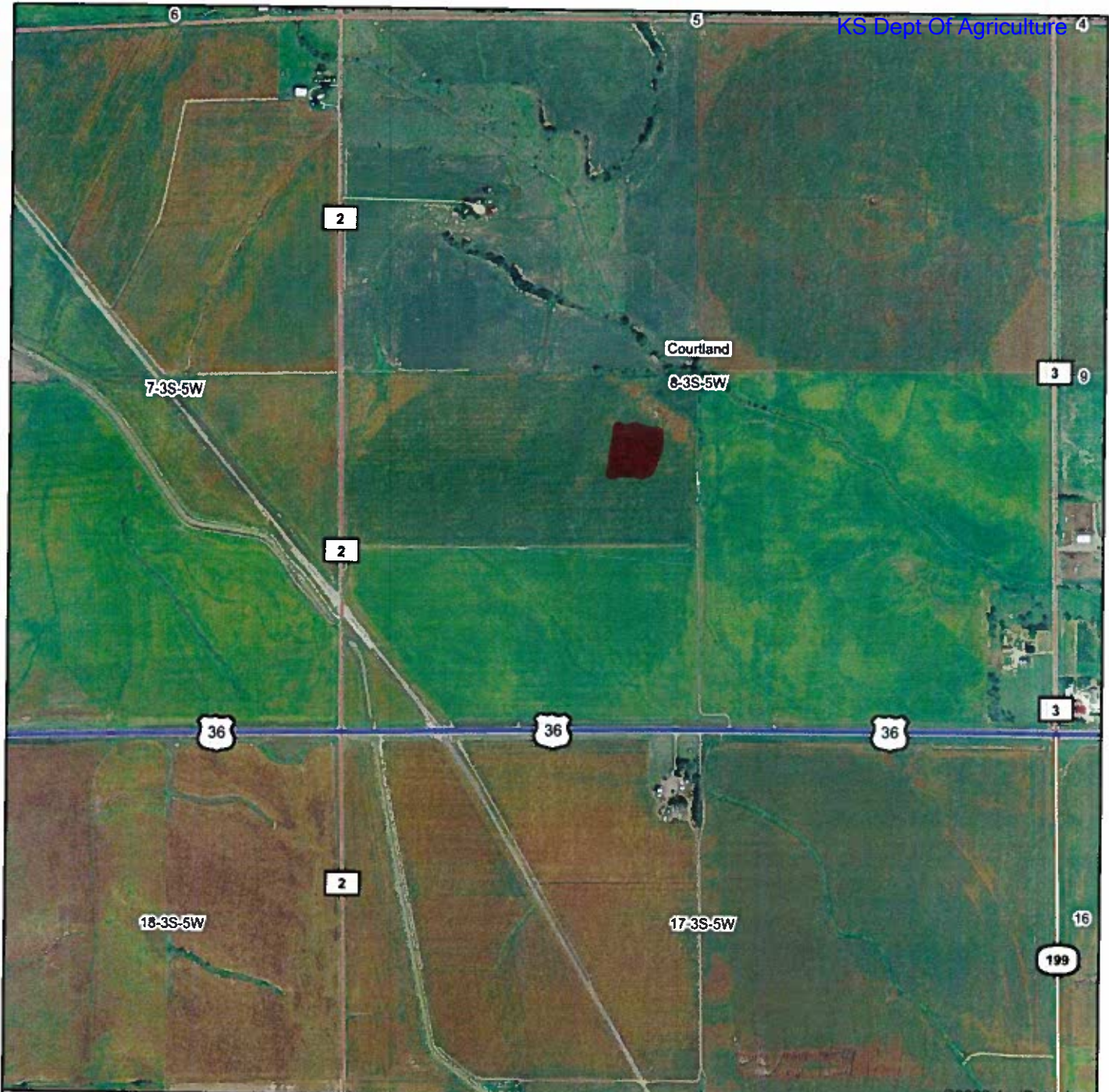
Place of use will be industrial use in a 20 mile radius.

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

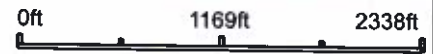
Water Resources
Received

Aerial Map

KS Dept Of Agriculture



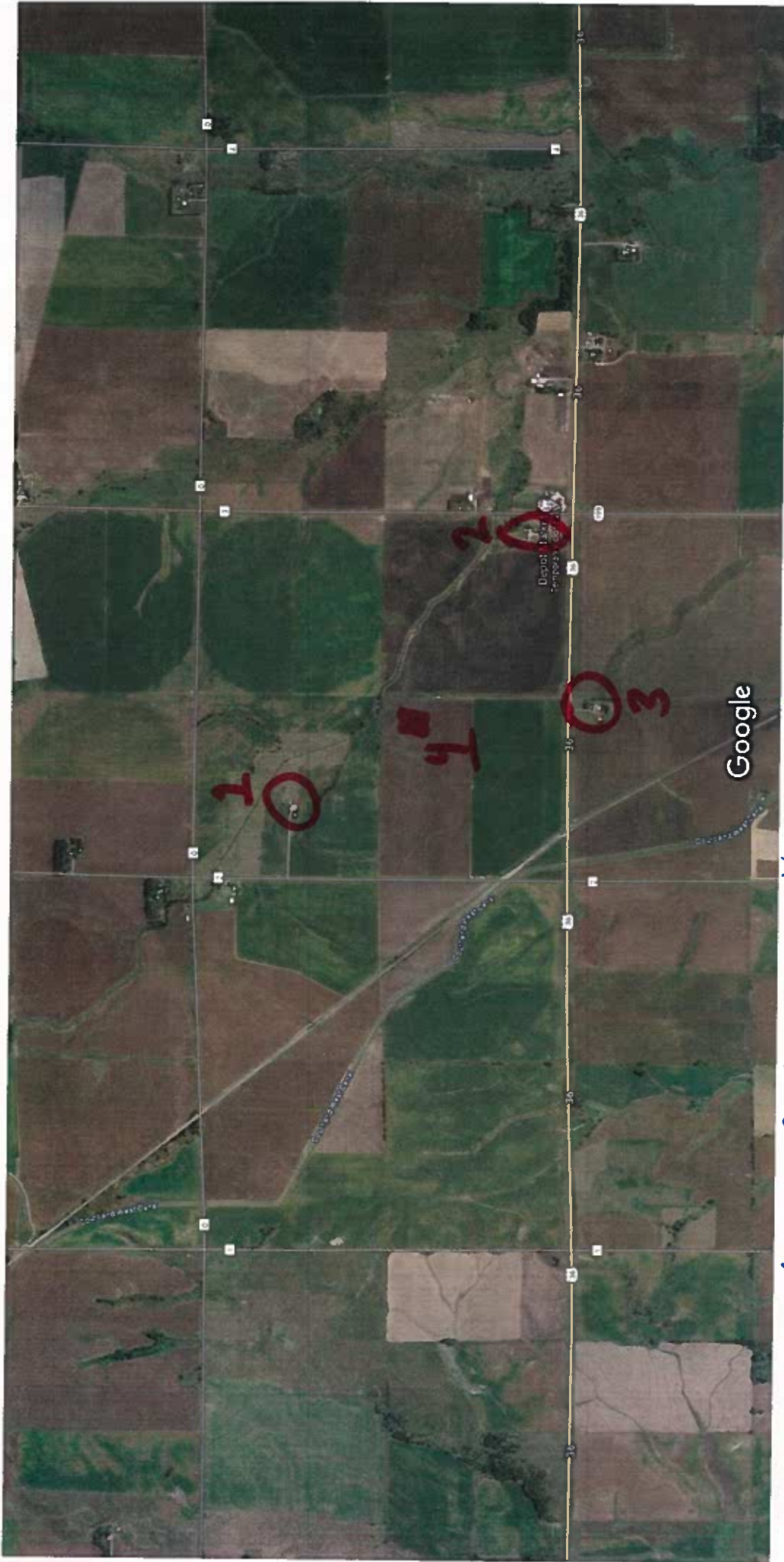
Map Center: 39° 48' 9.1, -97° 54' 30.25



8-3S-5W
Republic County
Kansas



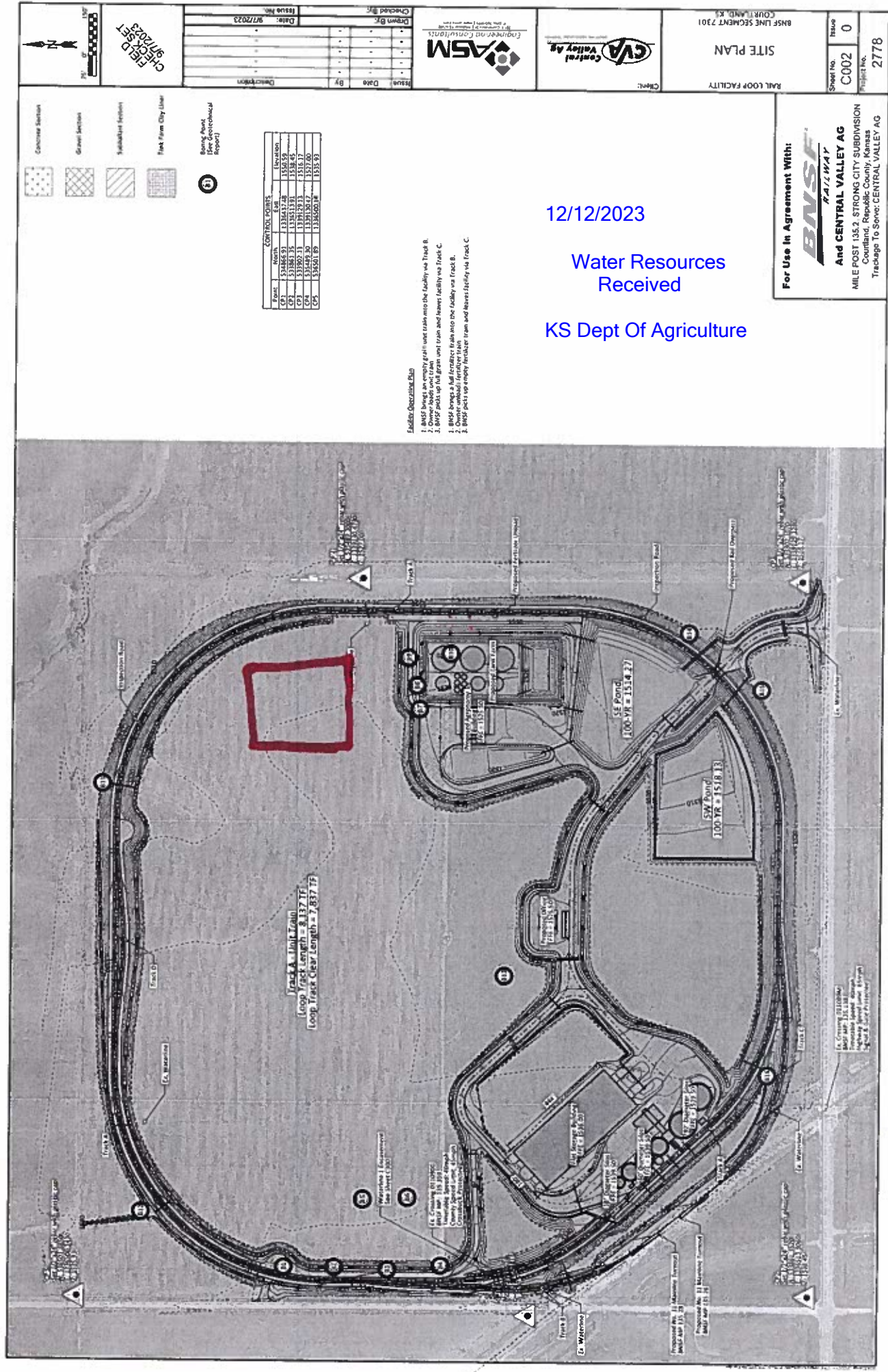
12/9/2023



- 1 - Craig Henderson P.O. Box 133 Courtland, KS 66939
- 2 - Mitchell Wrezorek 1110 30rd Courtland, KS 66939
- 3 - Richard Lindberg 245 U.S. Hiway 36 Courtland, KS 66939
- 4 - Proposed well site on Central Valley Ag Property

©2023 Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 1000 ft

Red Box is where we would like to test drill a well.



Point	North	East	Elevation
CP1	5213845.75	1335313.81	1538.45
CP2	5213845.75	1335313.81	1538.45
CP3	5213892.13	1335129.13	1516.17
CP4	5214482.30	1335136.17	1527.00
CP5	5214511.89	1335558.14	1535.95

- Fieldset Organization**
- BNSF brings an empty grain unit train into the facility via Track B.
 - Owner loads unit train.
 - BNSF picks up the grain unit train and leaves facility via Track C.
 - BNSF brings a full fertilizer train into the facility via Track B.
 - BNSF picks up empty fertilizer train and leaves facility via Track C.

12/12/2023
 Water Resources
 Received
 KS Dept Of Agriculture

For Use in Agreement With:
BNSF RAILWAY
AND CENTRAL VALLEY AG
 MILE POST 135.2, STRONG CITY SUBDIVISION
 Courland, Republic County, Kansas
 Trackage To Serve: CENTRAL VALLEY AG

Sheet No. C002
 Issue 0
 Project No. 2778

Client: BNSF LINE SEGMENT 7201
 COURTLAND, KS
 SITE PLAN

Checked By: [Signature]
 Date: 9/7/2023
 Issue No. [Blank]

Issue: [Blank]
 Date: [Blank]
 By: [Blank]
 Direction: [Blank]

Legend:
 Concrete Section
 Gravel Section
 Subgrade Section
 Feet From City Line

Survey Point (See Geotechnical Report)

Site Drawing of the Courland Hub Project

DATA ENTRY SYSTEM ID NUMBER SHEET

51155

FILE NUMBER _____

APPLICANT PERSON ID & SEQ #	PDIV ID	BATTERY ID
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

LANDOWNER PERSON ID & SEQ #	PUSE ID
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

WATER USE CORRESPONDENT PERSON ID & SEQ #	12/12/2023

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

December 15, 2023

CENTRAL VALLEY AG
204 E COURT ST
BELOIT KS 67420

RE: Application, File No(s). **51155**

Dear Sir or Madam:

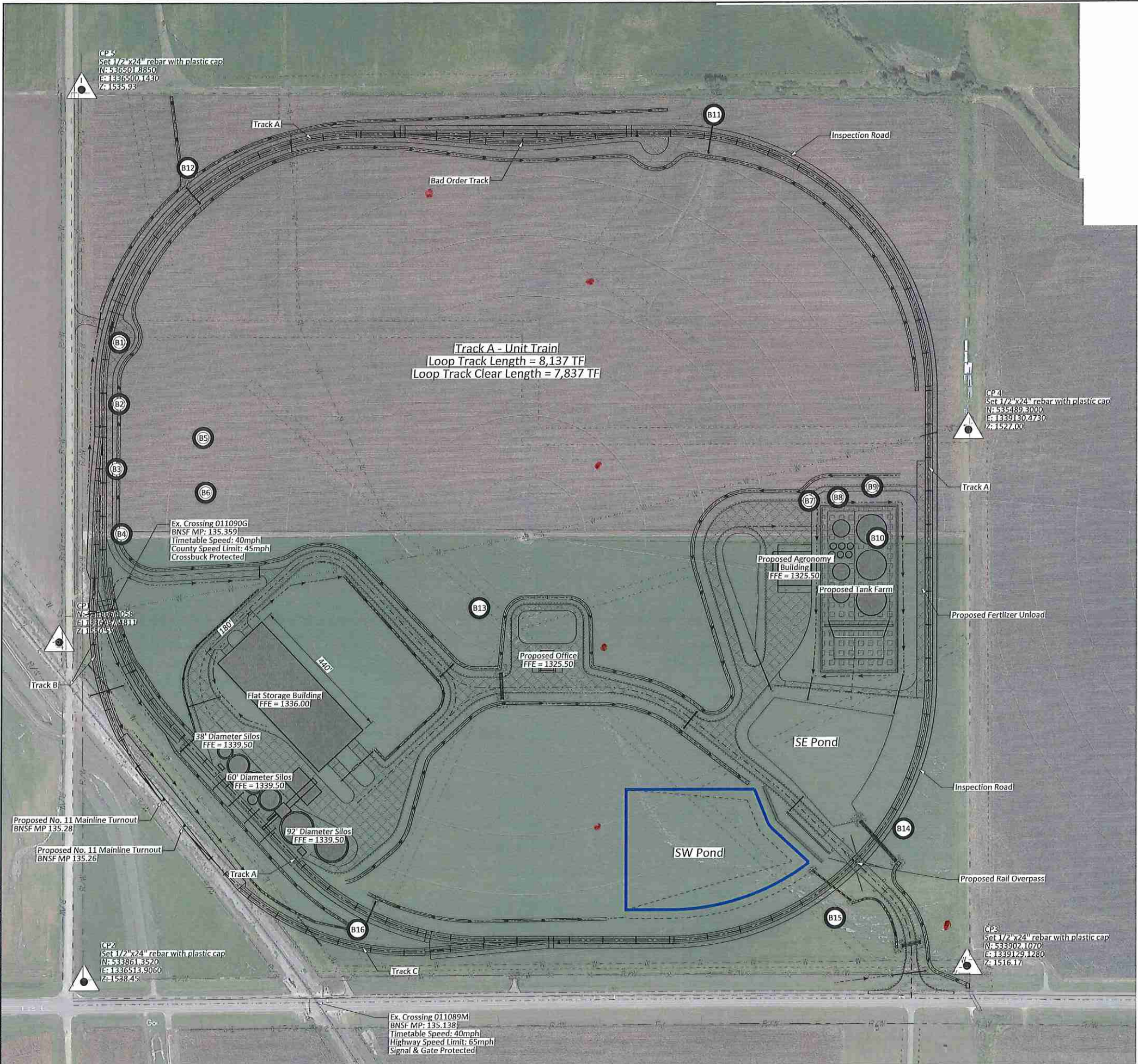
The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times 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 Stockton Field Office at 785-425-6787. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser
New Applications Lead
Water Appropriation Program

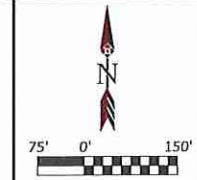


- Concrete Section
- Gravel Section
- Subballast Section
- Tank Farm Clay Liner
- Boring Point

CONTROL POINTS			
Point	North	East	Elevation
CP1	534866.91	1336437.48	1550.59
CP2	533861.35	1336513.91	1538.45
CP3	533902.11	1339129.13	1516.17
CP4	535489.30	1339130.47	1527.00
CP5	536501.89	1336500.14	1535.93

Facility Operating Plan

1. BNSF brings an empty grain unit train into the facility via Track B.
 2. Owner loads unit train.
 3. BNSF picks up full grain unit train and leaves facility via Track C.
-
1. BNSF brings a full fertilizer train into the facility via Track B.
 2. Owner unloads fertilizer train.
 3. BNSF picks up empty fertilizer train and leaves facility via Track C.



PRELIMINARY
NOT FOR
CONSTRUCTION
 2023-02-23

Issue	Date	By	Description

Drawn By: Date: 7/12/2023
 Checked By: Issue No.:



Client: **CVA Central Valley Ag**

RAIL LOOP FACILITY

SITE PLAN

BNSF LINE SEGMENT 7301
COURTLAND, KS

For Use In Agreement With:

And CENTRAL VALLEY AG

MILE POST 135.2, STRONG CITY SUBDIVISION
 Courtland, Republic County, Kansas
 Trackage To Serve: CENTRAL VALLEY AG

Sheet No. **C002**

Project No. **2778**

From: Billinger, Mark [KDA]
Sent: Mon 4/1/2024 11:42 AM
To: Baum, Kristen [KDA]
Cc: Neuhauser, Kris [KDA]; Milner, Brandon [KDA]
Subject: Fw: Proposed well locations for Courtland, KS
Attachments: Proposed well locations.pdf

Hello,

Hope you all had a wonderful Easter weekend.

I just received this for proposed well locations for file 51155. The test holes were not as good as suspected so they are wanting to change this from a battery of 4 wells at 200 gpm to a battery of 6 wells at 18-20 gpm each. They want to modify the application to reflect this. The proposed well locations are the red dots on the map.

I know we can do a battery of 4 within a quarter mile radius under 20 gpm but not a battery of 6.

My thought is to modify the application to reflect the north battery of 3 wells and then file a second application for same rates/qty when combined with 51155 for a second battery of 3 wells (south battery).

Do you agree this is the best way to proceed? They would have to have the batteries metered separately and end up with 2 water rights but I am a little concerned this may create an overpumping situation in the future if not perfected properly.

Any chances for a waiver to get a battery of 6 at 20 gpm per well within a ¼ radius or is that stretching things too far?

Mark

From: Jeff Holling <Jeff.Holling@cvacoop.com>

Sent: Friday, March 29, 2024 12:38 PM

To: Billinger, Mark [KDA] <Mark.Billinger@ks.gov>

Subject: Proposed well locations for Courtland, KS

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good afternoon, Mark. Just wanted some ideas on how to do the water well application now that we have results back from a couple test wells. Would you have time next Monday to visit about this?

Jeff Holling

Central Valley Ag.

Regional Operations Manager

204 E. Court St.

Beloit, KS 67420

jeff.holling@cvacoop.com

785-545-6684

CONFIDENTIALITY:

This message is from Central Valley Ag Coop and contains information which may be confidential and legally privileged. If you have received this message in error, you are strictly prohibited from disclosing or using its contents in any manner, and you should immediately delete it. The unauthorized disclosure or use of confidential or privileged information inadvertently transmitted to you may result in criminal and/or civil liability.

4/12/2024
KJN

Via email from Mark Billinger*

4/11/2024

Water Resources
Received

KS Dept Of Agriculture

RIESCHICK DRILLING CO. WELL DRILLING LOG

DATE 2/22/24

NAME CVA

GPS LOCATION

ADDRESS 240 US Hwy 360
Cowland, KS 66939

N 39°47'58.57"

W 97°54'17.58"

PHONE 785-545-6684

ELEVATION _____

CELL PHONE 785-545-6684

1/4 1/4 SECT T R _____

SURFACE CASING: SIZE 6" 8" OTHER _____ TYPE: STEEL PVC
Depth Set From _____ Ft. To _____ Ft. Annular Space filled with: _____
From _____ ft. To _____ ft.

CASING DETAIL: SIZE 5" 6" 8" 10" 12" 16" OTHER _____
TYPE: GLUE JOINT _____ CERTALOC _____ CLIC LOCK QUICKLOC _____ OTHER _____
FROM 30 FT. TO +1 FT. SDR 21 17 SCH 40
FROM _____ FT. TO _____ FT. SDR 21 17 SCH 40
OTHER DETAILS _____

SCREEN TYPE: SAW CUT JOHNSON V-WIRE STAINLESS _____
FROM 100 FT. TO 40 FT. SLOT SIZE 0.025
FROM 40 FT. TO 30 FT. SLOT SIZE 0.045
OTHER DETAILS _____

ANNULAR SPACE HOLE SIZE 9.2"
TYPE OF GROUT CHIP BENTONITE OTHER _____
GROUT METHOD GRAVITY PRESSURE _____ TREMIE _____
FROM 100 FT. TO 25 FT. SAND 4x8 GROUT _____ BAGS _____
FROM 25 FT. TO 0 FT. SAND _____ GROUT BAGS _____
FROM _____ FT. TO _____ FT. SAND _____ GROUT _____ BAGS _____
FROM _____ FT. TO _____ FT. SAND _____ GROUT _____ BAGS _____
FROM _____ FT. TO _____ FT. SAND _____ GROUT _____ BAGS _____

TOTAL WELL DEPTH: 100
STATIC WATER LEVEL: 9' 6.5"
WELL DEVELOPMENT: AIR LIFT JETTING _____ PUMPING
LENGTH OF TIME DEVELOPED: _____ HRS.
CAPACITY OF WELL: 18 GPM
PUMPING WATER LEVEL AT THIS CAPACITY 40 FT.

PUMP INFORMATION:
INSTALLER: _____
PUMPING RATE: _____ GPM PUMPING WATER LEVEL: _____ FT.
DROP PIPE DIAMETER: _____ INCHES LENGTH OF DROP PIPE _____
PUMP BRAND _____

EMPLOYEES WORKED:

DRILLING HRS:

