

Kansas Department of Agriculture / Division of Water Resources
Stockton Field Office

TO: HEADQUARTERS

RE Vested Right; Water Right; Appropriation of Water; Application

File No(s). 11,993 County SH

Enclosed are the following checked items:

A _____ FIR Full Partial Inspection Return to Field Office
 Proposed Certificate to deliver to Certificate Unit

Meter Order: GMD#4
 Lower Smoky
 Other _____

A Compliance Check Inspection on _____
 Meter Install New App Chg App Other _____
 In Compliance Not in Compliance, why _____
Modify Point of Diversion No Yes, document attached
Indicate all overlapping p/d files _____

An application and judgment sheet with recommendation.

A memorandum dated _____

A request for an extension of time to perfect or complete.

A verified report.

A closure request.

A field investigation report.

Notice of Non-Compliance _____

Violation

Date

An ownership change (name(s) and address(es) below).

A water use report for _____

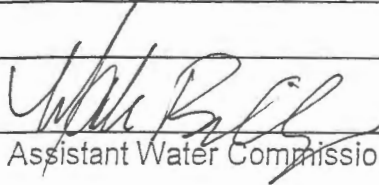
A letter dated _____

A copy of an Approval to Change the place of use and/or point of diversion,
 Filing Fee attached. #8790
\$200.00

An Advanced copy of a change application and the filing fee, to be processed at the field office.

An original field office change application and the filing fee needing headquarters office review and further processing.

Other: _____


Assistant Water Commissioner

4-26-17
Date

CHECK SHEET Short Change

File No. 11,993

Field Office No. 3

GMD No. 4

1. **Plugging agreement obtained for GMD?** Yes No Non Applicable
2. **Is Landowner correct as currently shown in WRIS?** Yes No **Address Change?** NO
If applicable, list Place of Use Overlap File Nos. _____
3. **Is Water Use Correspondent correct as currently shown in WRIS?** Yes No **Address Change?** NO
Name of Former WUC _____ Name of New WUC _____
4. a. **Point of diversion computer ID No(s).** n/a for point(s) being changed.
- b. **Show feet distances from the** SE **corner of the section for the new point(s) of diversion:**

Action	PDIV ID	Geo Ctr?	Sec	Twp	Rng	'N	'W	County	Qualifiers

c. **If multiple points of diversion exist and rates and quantities are individually assigned, show:**

Old PDIV ID	Authorized Rate	Additional Rate	Authorized Quantity	Additional Quantity
_____	_____ gpm/cfs	_____ gpm/cfs	_____ af/mgy	_____ af/mgy
_____	_____ gpm/cfs	_____ gpm/cfs	_____ af/mgy	_____ af/mgy
_____	_____ gpm/cfs	_____ gpm/cfs	_____ af/mgy	_____ af/mgy

- d. **Name of Drainage Basin** _____ **Is this correctly shown in WRIS?** Yes No
- e. **Formation Name & No.** _____ **Special Use Area** _____

5. **Distances from the previous/original p/d:** _____ ' N / S _____ ' E / W

6. WATER RIGHT ACTION TRAIL COMMENTS

04/20/17 Change Application Received (date accepted for priority)
04/26/17 Change Approved
 Notice and Proof by ____/____/____
 Completion Requirement Removed (Change No. C____)

7. METER ACTION TRAIL COMMENTS

____/____/____ DWR Meter Required by ____/____/____

8. **Base Acres** _____ **Year** _____ **Minimum Reasonable Quantity** _____

Date Created **4/26/17** by **Billinger**
 Date Entered _____ by _____

CHECK SHEET ATTACHMENT

9. Changes to the place of use will be:

File Number 11993

Action	Owner Person ID	Place Use ID #	Sec.	Twp.	Range		NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
							NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
MOD	63930	11648	29	08	42W	Acres Authorized							20	20			33	26					99
						New Acres							20	20			33	26					99
DEL	11198	11648	29	08	42W	Acres Authorized											26	36					62
						New Acres											26	36					62
MOD	23606	37002	30	08	42W	Acres Authorized													38	L-2 7		26	69
						New Acres													38	L-2 7		26	69
MOD	63930	21002	32	08	42W	Acres Authorized						30											30
						New Acres						30											

Names and Address:

1. Person ID # <u>11198</u> <u>GENEVIEVE MATTHEWS REV TR</u> <u>GENEVIEVE MATTHEWS TRS</u> <u>104 WALNUT</u> <u>KANORADO KS 67741</u>	2. Person ID # <u>63930</u> <u>DENNIS KORBELIK</u> <u>PO BOX 116</u> <u>KANORADO, KS 67741-0116</u>	3. Person ID # <u>23606</u> <u>VIRGINIA L FLATT JAMES T THOMAS</u> <u>PO BOX 193</u> <u>BURLINGTON, CO 80807</u>
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GENERAL INSTRUCTIONS

1. Give to Applicant:
 - a. Original application/approval
 - b. Original receipt (one for each application)
 - c. Information packet containing:
 - Notice and Proof form
 - Water Meter Specifications
 - Acceptable Meter list
 - Water level measurement tube specifications
 - Check Valve specifications
 - Pink Sheet - K.S.A. 82a-728 letter
 - Form stating to record in Register of Deeds Office (OPTIONAL AS NEEDED)
2. Send to headquarters:
 - a. Good, microfilmable copy of application and/or approval and this check sheet
 - b. Original check and copy of receipt
 - c. Test hole log
 - d. GMD recommendation, if any
 - e. Map or aerial photograph, if any
3. Send to KDHE: Letter (KDHE.LT) advising of location of abandoned well.
4. Date stamp received and approved.
5. Complete ownership and WUC change information.

ADDITIONAL PHOTOCOPIES

CONDITIONS

1. Insert notice and proof date.
2. Type or print applicant's/owner's name on line.
3. Complete notary statement.



Stockton Field Office
820 S. Walnut
Stockton, Kansas 67669-0192
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Kelly Stewart, Water Commissioner

Phone: (785) 425-6787
Fax: (785) 425-6842
www.agriculture.ks.gov
Sam Brownback, Governor

April 26, 2017

ALEX C & BRIDGET A SCHEIERMAN
5735 ROAD 4
KANORADO KS 67741

Re: Water Right, File No. 11,993

Dear Mr. & Mrs. Scheierman:

Enclosed is the order executed by David W. Barfield, Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the terms, conditions, and limitations specified in this approval for change.

Since this order modifies the original certificate, it should be recorded with the Register of Deeds as other instruments affecting real estate.

This document is a summary order by this agency regarding this matter. This order shall become final if a request for a hearing is not filed with the Chief Engineer within 15 days of the date of service of this order.

If you have any questions, please feel free to contact this office. If you wish to refer to a specific file, please reference it when you contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Billinger".

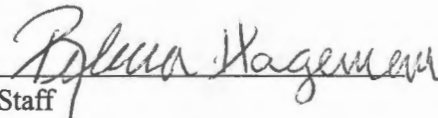
Mark Billinger
Assistant Water Commissioner

MB:rh
Enclosures
pc: G.M.D. No. 4

CERTIFICATE OF SERVICE

On this 26th day of April, 2017, I hereby certify that the attached SUMMARY ORDER APPROVING APPLICATION FOR CHANGE in PLACE OF USE for water right, File No. 11,993, dated on the 26th day of April, 2017, was mailed postage prepaid, first class, U.S. mail, to the following:

ALEX C & BRIDGET A SCHEIERMAN
5735 ROAD 4
KANORADO KS 67741


Staff

A copy of this Change Approval was sent to the following:

Groundwater Management District No. 4
P.O. Box 905
Colby, KS 67701

Submit completed application to:
 Kansas Department of Agriculture
 Division of Water Resources
 Field Office for your area.

Call for address:

Topeka -- (785) 862-6300
 Stafford -- (620) 234-5311
 Stockton -- (785) 425-6787
 Garden City -- (620) 276-2901
www.ksda.gov/dwr

DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

**Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.
 Fee Schedule is on the third page of this application form.**

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

RECEIVED

File No. 11993

APR 20 2017
 3:32 P.M.
 Stockton Field Office
 Division of Water Resources

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: DENNIS KORBELIK

PO BOX 116 KANORADO, KS 67741

Phone Number: (785)399-2307

Email address: _____

Name and address of Water Use Correspondent: ALEX C & BRIDGET A SCHEIERMAN

5735 ROAD 4 KANORADO, KS 67741

Phone Number: (785)399-2798

Email address: _____

3. The presently authorized place of use is:

Owner of Land --- NAME: DENNIS KORBELIK (SEC 29 & 32) VIRGINIA L FLATT JAMES T THOMAS (SEC 30)

ADDRESS: PO BOX 116 KANORADO, KS 67741 PO BOX 193 BURLINGTON, CO 80807

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
29	8	42							22	12			26	36					96
32	8	42					4	25											29
30	8	42														38	L-2 9	22	69

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land --- NAME: DENNIS KORBELIK (SEC 29 & 32) VIRGINIA L FLATT JAMES T THOMAS (SEC 30)

ADDRESS: PO BOX 116 KANORADO, KS 67741 PO BOX 193 BURLINGTON, CO 80807

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
29	8	42							20	20			33	26					99
32	8	42					30												30
30	8	42														30	L-2 7	26	69

For Office Use Only: Code _____ Fee \$ _____ TR # _____ Receipt Date _____ Check # _____

5. **Presently authorized point of diversion:**
 One in the NA Quarter of the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

6. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

7. Why do you need a new point of diversion? NA

the diagram below in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram below represents presently authorized point of diversion.)

8. If a well, is the test hole log attached? Yes No

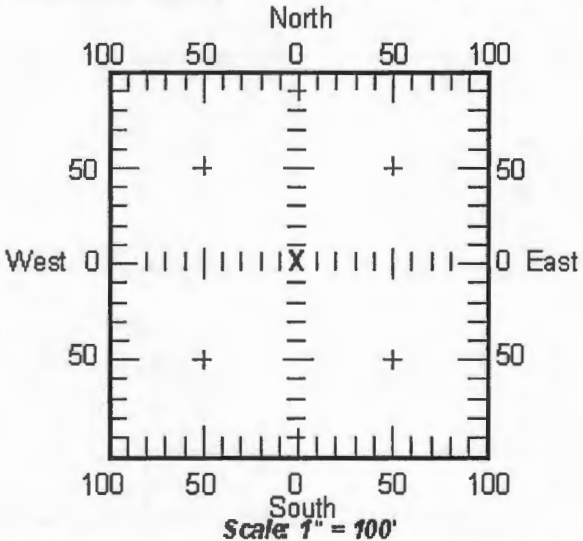
9. When do you propose to complete the new point of diversion?
NA

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
NA

(b) When will this be done? NA

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by RL GMD #4 _____



13b. If the proposed point of diversion will be relocated more than 100 feet but within 1320 feet from the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines.

13a. If the proposed point of diversion will be relocated within 100 feet of the existing point of diversion, indicate its location on

14. If the proposed groundwater point of diversion is 300 or fewer feet from existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
 - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?
 Yes No (If yes, all owners must sign this application.)
 - (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?
 Yes No (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regard to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Burlington, ^{Colorado} ~~Kansas~~, this 7th day of April, 2017.

Virginia Flatt
 (Owner)

 (Spouse)

Virginia Flatt
 (Please Print)

 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

State of ^{Colorado} ~~Kansas~~
 County of Kit Carson } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 7th day of April, 2017.

Katherine M Stolz
 Notary Public
 STATE OF COLORADO
 Notary ID 19984004481
 My Commission Expires March 12, 2018

Katherine M. Stolz
 Notary Public

My Commission Expires 3-12-18

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

FEE SCHEDULE

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200

RECEIVED

APR 20 2017

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-14-3 and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq.*, and rules and regulations promulgated thereunder, K.A.R. 5-1-1 et. seq. With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 11,993.

1. A change application was received on 4-20-17 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a _____ foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion authorized herein shall not actually be located more than _____ feet from the previously authorized point(s) of diversion. Applicable Not Applicable
5. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
6. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before **December 31, 20**_____, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
7. Installation of the works for diversion of water shall be completed on or before **December 31, 20**_____, or within any authorized extension of time. By March 1, 20_____, the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
8. The completed well log shall be submitted with the required notice. Applicable Not Applicable
9. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
10. Additional Conditions are attached. Yes No
11. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

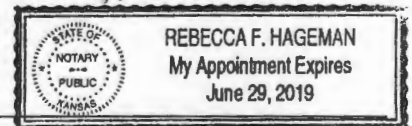
Administrative Appeal and Effective Date of Order

You have the right to a hearing in accordance with K.A.R. 5-14-3 before this Summary Order becomes final action of the Kansas Department of Agriculture. Any request for a hearing must be filed with the **Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502**, within 15 days after the date shown on the Certificate of Service attached hereto. If a hearing is not requested in accordance with K.A.R. 5-14-3, this Summary Order will become effective on the 15th day after the date shown on the Certificate of Service.

For Use by Register of Deeds

FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

By: *Mark Billinger*
Duly Authorized Designee of the Chief Engineer
(Print Name): MARK BILLINGER
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: 4-26-17
State of Kansas)
County of ROOKS) SS
Acknowledged before me on 4-26-17
by Mark Billinger
Signature: *Rebecca Hageman*
Notary Public



My commission expires: 6-29-19
(Notary Seal)

APPLICATION FOR APPROVAL TO CHANGE
THE PLACE OF USE AND/OR POINT OF DIVERSION
SUPPLEMENTAL SHEET
FILE NO. 11993

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete.

Dated at KANORADO (city), Kansas, this 7 (day) day of April (month), 2017 (year).

Dennis Korbelik
(Owner)

Dagmar Korbelik
(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

State of Kansas)
County of Sherman) SS

I hereby certify that Dennis Korbelik & Dagmar Korbelik (Please Print) appeared before me and signed this foregoing application in my presence this 7th day of April, 2017.



Ashley H. Miller
Notary Public

My Commission Expires _____.

RECEIVED

APR 20 2017

Stockton Field Office
Division of Water Resources

APPLICATION FOR APPROVAL TO CHANGE
THE PLACE OF USE AND/OR POINT OF DIVERSION
SUPPLEMENTAL SHEET
FILE NO. 11993

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete.

Dated at Manryado (city), Kansas, this 7 (day) day of April (month), 2017 (year).

Alexis Korbelik
(Owner)

Dagmar J. Korbelik
(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

(Owner)

(Spouse)

State of Kansas)
County of Sherman) SS

I hereby certify that Dennis Korbelik + Dagmar Korbelik appeared before me and signed this foregoing application in my presence this 7th (Please Print) day of April, 2017.



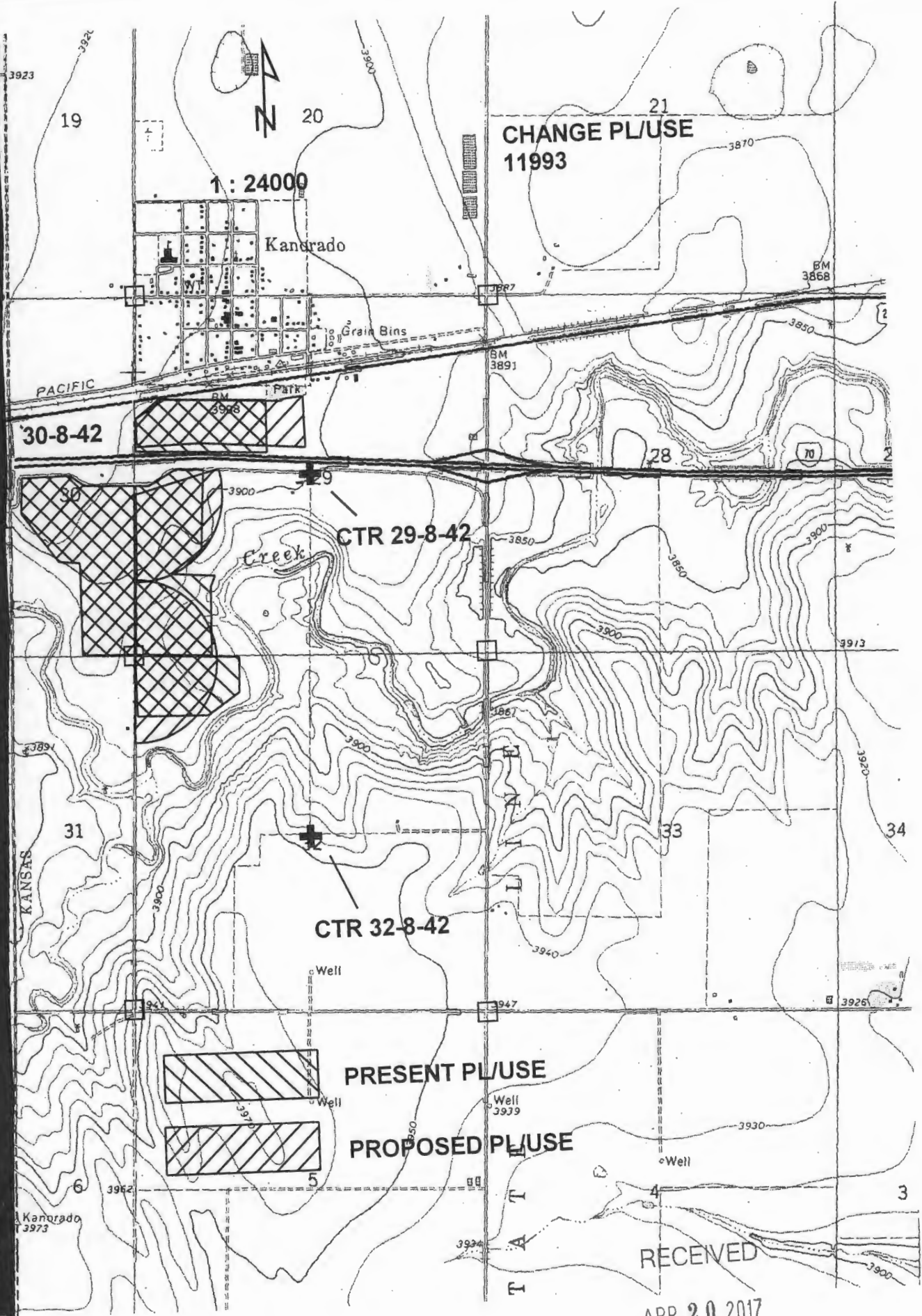
Ashley H. Miller
Notary Public

My Commission Expires _____.

RECEIVED

APR 20 2017

Stockton Field Office
Division of Water Resources



RECEIVED

APR 20 2017

Stockton Field Office
Division of Water Resources



Stockton Field Office
820 S. Walnut
Stockton, Kansas 67669-0192
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Kelly Stewart, Water Commissioner

Phone: (785) 425-6787
Fax: (785) 425-6842
www.agriculture.ks.gov
Sam Brownback, Governor

April 21, 2017

GROUNDWATER MANAGEMENT DISTRICT NO 4
PO BOX 905
COLBY KS 67701

Re: Water Right, File No. 11,993

Dear Ladies and Gentlemen:

Reference is made to the application referred to above which appears to be in proper form.

We are delaying any further action until May 5, 2017 to allow you time to submit your recommendation concerning this application.

Please submit your recommendation within the allotted time or any authorized extension of time thereof. If you wish to refer to a specific file, please reference it when you contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly C. Stewart".

Kelly C. Stewart
Water Commissioner

KCS:rfh
Enclosures

SCANNED



**NORTHWEST KANSAS
GROUNDWATER MANAGEMENT
DISTRICT NO. 4**

1290 West 4th Street
P.O. Box 905
Colby, Kansas 67701-0905

April 25, 2017

Kelly Stewart
Stockton Field Office
820 South Walnut Street
Stockton KS 67669

RE: Application 11,993
Dennis Korblik

Dear Kelly

The Northwest Kansas Groundwater Management District has reviewed the above referenced application and based on our records and the information supplied by the applicant, we have determined that the following recommendations be made to the Chief Engineer:

Approve application. Resource Development Plan and signed memo attached.

If you have any questions, please contact this office.

Sincerely,

Ray Luhman
Manager

RPL: rw
attachments

RECEIVED

APR 25 2017

Stockton Field Office
Division of Water Resources

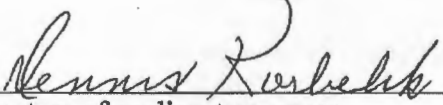
WATER RIGHT FILE NUMBERS 11993

LEGAL DESCRIPTIONS 29 - 32 - 8 - 42

I understand that, as per KAR 5-24-8(a), GMD #4 will not require a full Resource Development Plan on the above referenced Water Rights. However, the irrigation system or systems changed or added under the above referenced Water Rights will be required to comply with KAR 5-24-8(d). A copy of the system design plan or plans is attached.

I understand that GMD #4 will inspect any irrigation system described in paragraph 1 to determine compliance, and will require that the systems be in compliance with the plan provisions.

I understand that it is my responsibility to notify GMD #4 if the system configuration is changed in order to have the applicable design plans updated and the systems re-inspected to determine compliance.


Signature of applicant or owner

4/7/2017
Date

LEGAL (OPT) 29 & 32-8-42 S PIVOT 11993

PIVOT LENGTH (REQD) 1216

ROTATION DEGREES (REQD) 180

GPM (REQD) 700

NOZZLE SPACING IN FT (OPT) 8.4

RESIDUE IN LBS/ACR (REQD) 4000

ACRES OF CLASS VI SOIL
IN GRASS, ALFALFA, ETC. 0

CROPS ANY IRRIGABLE CROPS MAY
BE PRODUCED

ADDED PROVISIONS/NOTES NONE

RECEIVED

APR 25 2017

Stockton Field Office
Division of Water Resources

SCANNED

CALCULATIONS FOR AVERAGE FIELD SLOPE

ACRES IN FIELD:

53.32111

MAP UNIT NUMBER	SOIL TYPE	AVERAGE SLOPE	ACRES OF THE SOIL TYPE	WEIGHTED AVERAGE
1655	Kuma-Keith silt loams, 0 to 2 percent slopes	1 +	21.2 +	0.39759
1857	Ulysses silt loam, 1 to 3 percent slopes	2 +	31.2 +	1.17027
1580	Colby silt loam, 5 to 15 percent slopes	10 +	1.3 +	0.24381
	0 +	0 +	+	0
	0 +	0 +	+	0
	0 +	0 +	+	0
	0 +	0 +	+	0
	0 +	0 +	+	0
	0 +	0 +	+	0

AVERAGE WEIGHTED FIELD SLOPE:

1.81 %

ENTER CLASS VI ACRES HERE:

1.3 ACRES

ENTER STEEPEST SLOPE IF CLASS VI:

7 %

WEIGHTED AVERAGE FIELD SLOPE:

1.811665 %

PER CENT CLASS VI SOIL

2.438059 %

DESIGN SLOPE FOR CENTER PIVOT:

1.811665 %

DESIGN GROUP 5

design slope	1.811665 %	3	1	4.2
residue	4000 lbs/acre	4000	3	2.5
			5	1.5
			7	1.1
max all. Appl. Rate	3 in/hr			

900	0.85
1000	0.9
1500	0.95
2000	1
2500	1.05
3000	1.1
3500	1.15
4000	1.2
4500	1.25

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CALCULATED

MAX ALLOW APPL RATE	PIVOT LENGTH	GPM:WTD DIA	GPM	WTD DIA
3	1216	18.95	700.00	36.94

GPM = 700

APPL RT= 3.00

RADIUS	GPM	NZL SPCNG	GPM/AC
1216	700	8.4	6.56

697.46 =SUM NZL GPM
9.62 =GPM END NZL

REPORT

NO. 65494

018

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LEGAL (OPT) 29-8-42 N PIVOT 11993

PIVOT LENGTH (REQD) 1290

ROTATION DEGREES (REQD) 108

GPM (REQD) 700

NOZZLE SPACING IN FT (OPT) 8.4

RESIDUE IN LBS/ACR (REQD) 4000

ACRES OF CLASS VI SOIL
IN GRASS, ALFALFA, ETC. 0

CROPS ANY IRRIGABLE CROPS MAY
BE PRODUCED

ADDED PROVISIONS/NOTES NONE

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CALCULATIONS FOR AVERAGE FIELD SLOPE

ACRES IN FIELD:

36.00499

MAP UNIT NUMBER	SOIL TYPE	AVERAGE SLOPE	ACRES OF THE SOIL TYPE	WEIGHTE AVERAGE
1655	Kuma-Keth silt loams, 0 to 2 percent slopes	1 +	14 +	0.38884
1857	Ulysses silt loam, 1 to 3 percent slopes	2 +	20.3 +	1.12762
1580	Colby silt loam, 5 to 15 percent slopes	10 +	1.8 +	0.44438
		0 +		0
		0 +		0
		0 +		0
		0 +		0
		0 +		0
		0 +		0

AVERAGE WEIGHTED FIELD SLOPE:

1.96 %

ENTER CLASS VI ACRES HERE:
 ENTER STEEPEST SLOPE IF CLASS VI:
 WEIGHTED AVERAGE FIELD SLOPE:
 PER CENT CLASS VI SOIL
 DESIGN SLOPE FOR CENTER PIVOT:

1.6 ACRES
 7 %
 1.960839 %
 4.443829 %
 1.960839 %

DESIGN GROUP 5

design slope	1.960839 %	3	1	4.2
residue	4000 lbs/acre	4000	3	2.5
			5	1.5
			7	1.1
max all. Appl. Rate	3 in/hr			

900	0.85
1000	0.9
1500	0.95
2000	1
2500	1.05
3000	1.1
3500	1.15
4000	1.2
4500	1.25

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CALCULATED

MAX ALLOW
APPL RATE 3

PIVOT
LENGTH 1290

GPM:WTD DIA
20.10

GPM
700.00

WTD DIA
34.82

GPM = 700

APPL RT= 3.00

RADIUS
1290

GPM
700

NZL SPCNG
8.4

GPM/AC
5.83

699.34 =SUM NZL GPM

9.08 =GPM END NZL



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