

Kansas Department of Agriculture  
 Division of Water Resources  
**CHANGE: P/D WORKSHEET**

1. File Number: <b>23043</b>	2. Status Change Date: <b>4-30-2024</b>	3. Change Num: <b>C2</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: <b>4/10/2024</b>
8a. Landowner, applicant New to system <input type="checkbox"/>  <b>A K CORAL CAY FAMILY TRUST Attn: E J &amp; KATHLEEN DE GROOT PO BOX 1227 SYRACUSE, KS 67878-1227</b>		8c. Landowner(s) New to system <input type="checkbox"/>  <b>ZACHARY GALE PO BOX 1227 SYRACUSE, KS 67878-1227</b>		
8b. Landowner(s) New to system <input type="checkbox"/>  <b>REMOVE C3 REQUIREMENT</b>		8d. WUC, New to system <input type="checkbox"/>  <b>ZACHARY GALE PO BOX 1227 SYRACUSE, KS 67878-1227</b>		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/2024</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>3/1/2025</b>				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan    Date Required: _____    Date Approved: _____    Date to Comply: _____				
10. Use Made of Water    From: _____    To: _____				
<div style="display: flex; justify-content: space-between;"> <span>REMOVE C3 REQUIREMENT</span> <span>Date Prepared: <b>4/30/2024</b>    By: <b>MAM</b></span> </div> <div style="display: flex; justify-content: space-between;"> <span></span> <span>Date Entered: _____    By: _____</span> </div>				

File No. **23403**      11. County: HM      Basin: **BEAR CREEK**      Stream:      Formation Code: **331**      Special Use:

12. Points of Diversion  
 Rate and Quantity  
 Authorized      Additional  
 Rate      Quantity      Rate      Quantity  
 gpm      af      gpm      af      Overlap PD Files

**DEL 72673**

ENT	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
<b>ENT</b>	<b>NESESE</b>	<b>17</b>	<b>26</b>	<b>42W</b>		<b>753</b>	<b>444</b>		<b>1400</b>	<b>320</b>	<b>1400</b>	<b>182</b>	<b>NONE</b>

13. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

14. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

15. 5YR Allocation:      Allocation Type \_\_\_\_\_      Start Year \_\_\_\_\_      5 YR Amount \_\_\_\_\_      Amount Unit \_\_\_\_\_      Base Acres \_\_\_\_\_      Comment \_\_\_\_\_

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
<b>CHK 11850</b>																									

Base Acres: **155**      Year:      Minimum Reasonable Quantity:

Comments:

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

April 30, 2024

A K CORAL CAY FAMILY TRUST  
Attn: E J & KATHLEEN DE GROOT  
PO BOX 1227  
SYRACUSE, KS 67878-1227

RE: Field Office Application for Change  
Water Right, File Nos. 23043

Dear Madam or Sir:

Enclosed is an order executed by the designee of the 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 enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original documents referred to above, they should be recorded with the Register of Deeds as other instruments affecting real estate.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer  
Water Commissioner

MAM:  
Enclosures  
pc: Zachary Gale  
GMD3

**CERTIFICATE OF SERVICE**

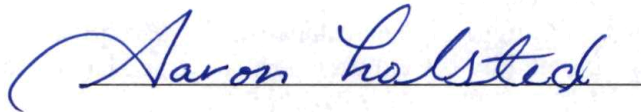
On this 30<sup>th</sup> day of April 2024, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 23,043 dated 30<sup>th</sup> day of April 2024 was mailed postage prepaid, first class, US mail to the following:

A K CORAL CAY FAMILY TRUST  
Attn: E J & KATHLEEN DE GROOT  
PO BOX 1227  
SYRACUSE, KS 67878-1227

pc:

ZACHARY GALE  
PO BOX 1227  
SYRACUSE, KS 67878-1227

GMD3

A handwritten signature in blue ink that reads "Aaron Halsted". The signature is written in a cursive style and is positioned above a horizontal line.

Division of Water Resources Staff

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

Topeka -- (785) 296-5733  
 Stafford -- (620) 234-5311  
 Stockton -- (785) 425-6787  
 Garden City -- (620) 276-2901  
<http://agriculture.ks.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.

File No. 23043

RECEIVED  
 1:01 pm  
 APR 10 2024

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

Garden City Field Office  
 Division of Water Resources

2. Name and address of Applicant: AK CORAL CAY FAMILY TRUST

PO BOX 1227 SYRACUSE KS 67878-1227

Phone Number: (    ) \_\_\_\_\_

Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: NO CHANGE

Phone Number: (    ) \_\_\_\_\_

Email address: \_\_\_\_\_

3. The presently authorized place of use is:

Owner of Land ---- NAME: NO CHANGE

ADDRESS: \_\_\_\_\_

(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		

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: NO CHANGE

ADDRESS: \_\_\_\_\_

(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		

For Office Use Only: Code _____ Fee \$ <u>200.00</u> TR # _____ Receipt Date <u>4-10-24</u> Check # <u>5663</u>
---

5. **Presently authorized point of diversion:**  
 One in the SE Quarter of the NW Quarter of the SE Quarter of Section 17, Township 26 South, Range 42 W, in HM County, Kansas, 1825 feet North 1450 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well 425 (feet)  
 (DWR use only: Computer ID No. 03 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the NE Quarter of the SE Quarter of the SE Quarter of Section 17, Township 26 South, Range 42 W, in HM County, Kansas, 753 feet North 444 feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) 736  
 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:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 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. The changes herein are desired for the following reasons?  
 (please be specific) \_\_\_\_\_  
 \_\_\_\_\_

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

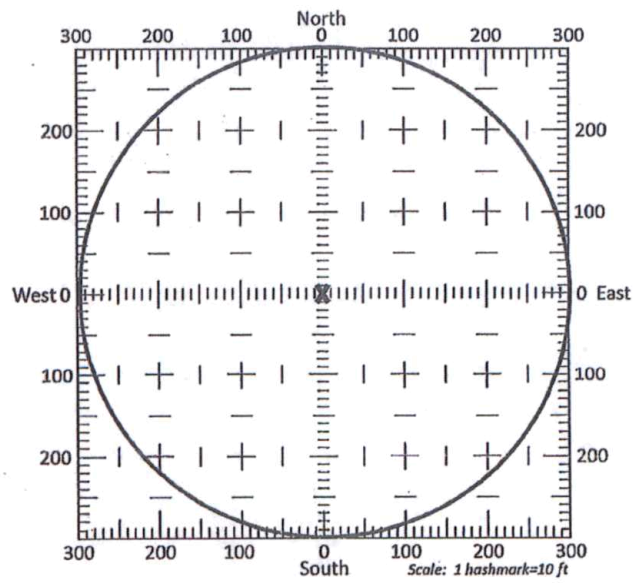
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
 \_\_\_\_\_  
 (b) When will this be done? \_\_\_\_\_

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by MM/DWR \_\_\_\_\_

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of 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



13b. If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)



**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. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq.*, and rules and regulations promulgated thereunder. With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 23043

1. A change application was received on APRIL 10, 2024 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 300 foot radius of the authorized point(s) of diversion.  Applicable  Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application.  Applicable  Not Applicable
5. 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
6. 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
7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2024, 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
8. Installation of the works for diversion of water shall be completed on or before December 31, 2024, or within any authorized extension of time. By March 1, 2025 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
9. The completed well log shall be submitted with the required notice.  Applicable  Not Applicable
10. 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
11. Additional Conditions are attached.  Yes  No
12. 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**

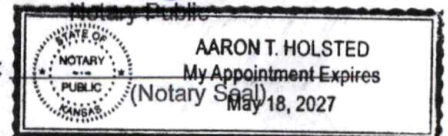
If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within 15 days of service of this Order and a request for administrative review by the Secretary must be filed within 30 days pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

*For Use by Register of Deeds*

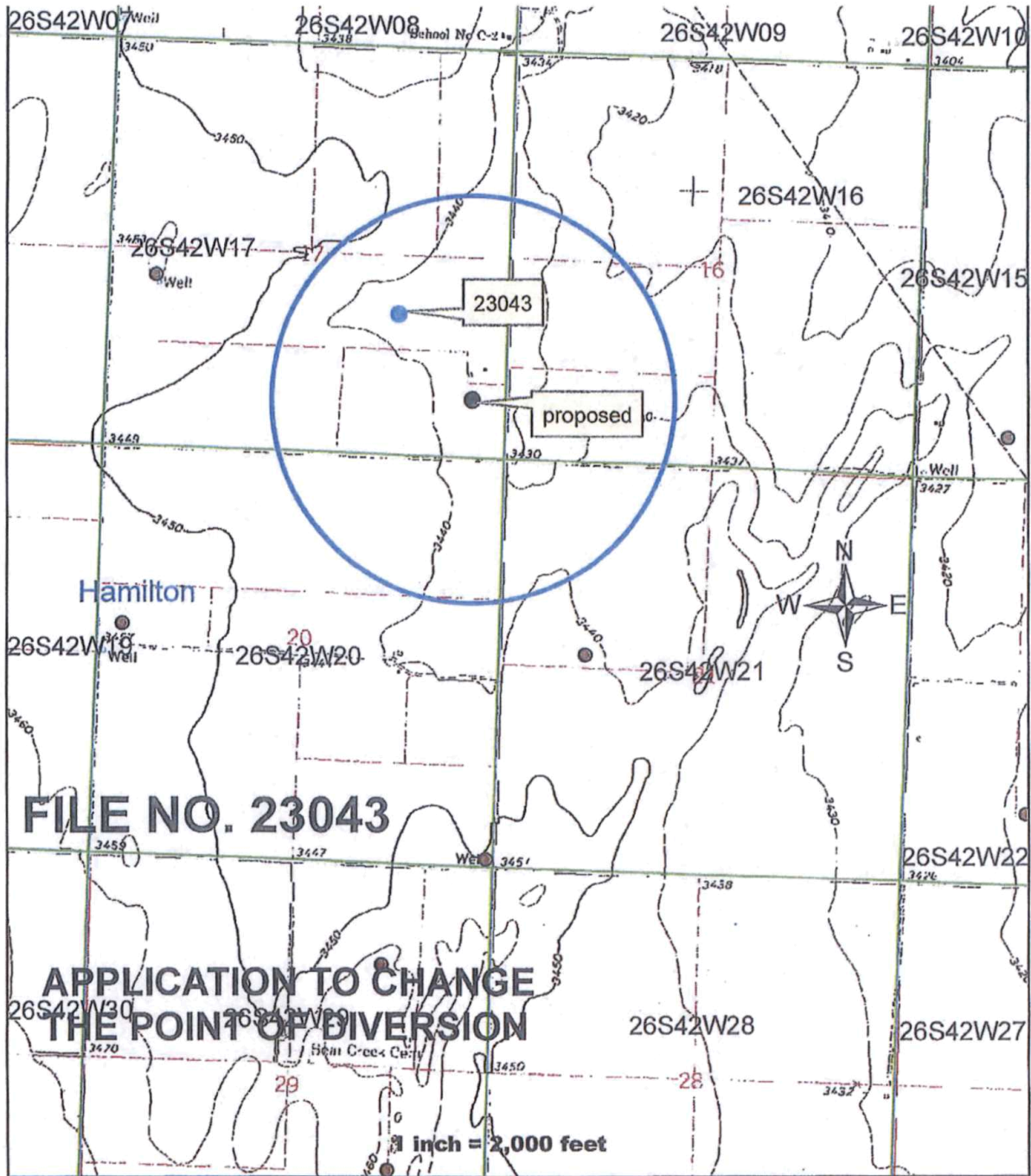
FOR OFFICE USE ONLY  
**APPLICATION APPROVED AND  
SUMMARY ORDER ISSUED**

By: Michael Meyer  
Duly Authorized Designee of the Chief Engineer  
(Print Name): MICHAEL A. MEYER  
Division of Water Resources - Kansas Department of Agriculture  
Date of Issuance: April 30, 2024  
State of Kansas )  
County of Finney ) SS  
Acknowledged before me on April 30, 2024  
by Michael A Meyer  
Signature: Aaron Holsted

My commission expires:

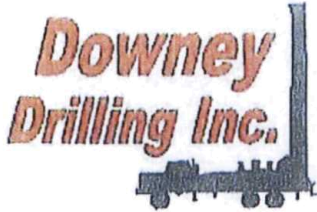






WELL LOG

DATE: 11/14/2023



CUSTOMER NAME: EZ FARMS / ZACH GALE

TH#3

LEGAL: SE 17-26S-42W

COUNTY: HAMILTON CO, KS

GPS: 37.783971

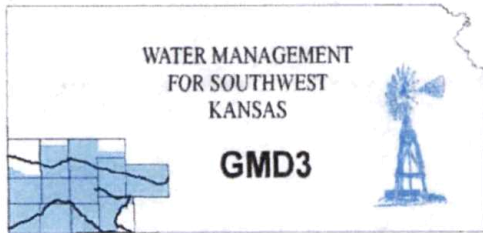
-101.92672

DRILLER: DIEGO

WO: 23-1445

V	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	3	TOP SOIL	SOFT	DRK BROWN	FAST		SMOOTH
	3	12	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	12	22	FINE SAND W/ BROWN SILTY CLAY	SOFT	BROWN	FAST		VIBRATION
	22	71	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	71	96	FINE SAND W/ SANDY CLAY	SOFT	BROWN	FAST		VIBRATION
	96	111	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	111	126	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	126	132	FINE-MED SAND W/ SANDY CLAY	SOFT	BROWN	FAST		VIBRATION
	132	137	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	137	152	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	152	157	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	157	165	FINE SAND W/ SANDY CLAY	SOFT	BROWN	FAST		VIBRATION
	165	169	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	169	175	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	175	185	SANDY CLAY W/ FINE SAND	SOFT	BROWN	FAST		SMOOTH & VIBRATION
	185	196	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	196	203	LIGHT GRAY CLAY	SOFT	LIGHT GRAY	SLOW		SMOOTH
	203	222	BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH
	222	229	SANDY CLAY W/ FINE SAND	SOFT	BLUE	FAST		VIBRATION
	229	263	BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH
	263	264	HARD SPOT	HARD		SLOW		CHATTER
	264	277	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	277	296	FINE SAND W/ BROWN ROCK & SANDSTONE	FIRM	BROWN & YELLOW	FAST		FAST CHATTER
	296	301	YELLOW SOAPSTONE W/ LIGHT GRAY CLAY	SOFT	YELLOW & LIGHT GRAY	SLOW		SMOOTH & VIBRATION
	301	310	BROWN ROCK W/ SANDSTONE & FINE SAND	STIFF	BROWN & YELLOW	FAST		FAST CHATTER
	310	320	BLACK SHALE	SOFT	BLACK	SLOW		SMOOTH
	320	341	SANDSTONE W/ FINE SAND & SOAPSTONE	FIRM	GRAY	FAST		SLIGHT CHATTER
	341	355	SANDSTONE W/ FINE SAND & IRON PYRITE TRACE	STIFF	GRAY	FAST		FAST CHATTER
	355	379	LIGHT GRAY CLAY	SOFT	LIGHT GRAY	FAST		SMOOTH
	379	393	SOAPSTONE W/ SANDSTONE & FINE SAND	FIRM	GRAY	FAST		CHOPPY
	393	411	SHALE	SOFT	BLUE	SLOW		SMOOTH
	411	456	FINE SAND W/ SANDSTONE & IRON PYRITE	STIFF	GRAY	FAST		FAST CHATTER
	456	464	YELLOW FINE SAND W/ BROWN ROCK & SANDSTONE	STIFF	YELLOW & BROWN	FAST		CHATTER
	464	473	SOAPSTONE W/ SANDSTONE & SHALE	SOFT	GRAY	FAST		CHOPPY
	473	474	HARD SPOT	HARD		SLOW		CHATTER





**Southwest Kansas**  
**Groundwater Management District No. 3**  
2009 E. Spruce Street  
Garden City, Kansas 67846  
(620) 275-7147 phone  
www.gmd3.org

April 24, 2024

Michael A. Meyer  
Division of Water Resources  
4532 W Jones Ave., Suite B  
Garden City, Kansas 67846

RE: Application for Change in Point of Diversion  
Water Right, File Nos. 23043

Dear Mike:

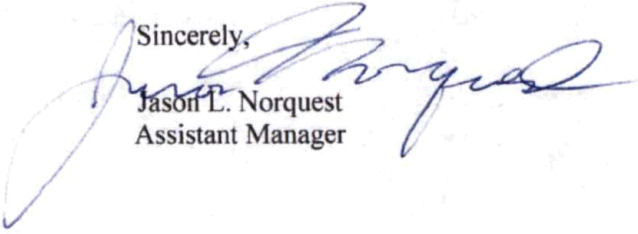
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft with saturated thickness is greater than 200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees these moves as meeting current rules and would recommend approval with better information given to ensure that neighboring wells are not adversely affected. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

  
Jason L. Norquest  
Assistant Manager

## GMD3 Change Review

---

File No(s): 23043. DWR office: GC.  
App filed to change: PD.  
Is Landowner(s) correct in WRIS: AK Coral Cay Family Trust.  
If NO, is documentation included?  
Is Water Use Correspondent correct in WRIS?    .  
If NO, is documentation included?  
Regulation(s) Reviewed: KAR 5-23-3  
Point of diversion ID No(s) 03 being changed.

	ft. North	ft. West	
Authorized PD	1825	1450	Section 17-26-42
Proposed PD	753	444	
Difference	1072 s	1006 e	
$a^2 + b^2 = c^2$	1149184	1012036	1470.109 foot move SE

GPS for proposed PD: Lat: 37.783971 Long: -101.92672.

Is proposed PD stacking on existing WRs? No.  
Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:    .  
Name Eddie & Barbara Westeman (18697).  
Address 8100 SW CR 33.  
Zip Syracuse, KS 67878.  
Email: edw@pld.com Phone:    .  
Domestic well(s) notified:    .

Name    .  
Address    .  
Zip    .

Base Acres:    .  
Perfected Acres:    .  
Irr. Return-Flow    %

### Hamilton County

**Authorized: 320AF @ 1400gpm, LIMITED to 320AF w/8346 & 9970**

**Avg reported use (2014-2023): 268.5AF/yr**

**Current well around 425'**

**Proposed well going down to 736'**

Is a waiver needed: Move is less than half mile and minimum spacing appears to be met. Analysis shows effects within guidelines and no critical wells. No response from notices.

Recommendation: After review of all available information, it appears current area rules are met. Staff therefore recommends approval of the application.



Water Rights and Points of Diversion Within 1 mile of point defined as:

753 Feet N and 444 Feet W of the Southeast Corner of Section 17 Twp 26S Rng 42W  
 Located at: 101.926720 West Longitude and 37.783971 North Latitude  
 Both SURFACE WATER and GROUNDWATER

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan
A__ AF	8346	00	IRR NK G	4427	--	NW	NW	SW	2200	4625	17	26	42W	4	2300	788.00	788.00
A__ AF	9970	00	IRR NK G	4427	--	NW	NW	SW	2200	4625	17	26	42W	4	1900	92.00	92.00
A__ AF	18697	00	IRR NK G	3610	--	SE	SW	SW	2800	4200	21	26	42W	1	1900	320.00	320.00
A__ AF	23043	00	IRR NK G*	1469	--	SE	NW	SE	1825	1450	17	26	42W	3		320.00	182.00

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	1382.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1382.00	.00

*Minimum Spacing  
Appears MET.*

An \* after the source of supply indicates a pending application for change under the file number.  
 An \* after the ID indicates a 15 AF exemption was granted under the file number.  
 A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.  
 The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1 mile of point defined as:

753 Feet North and 444 Feet West of the Southeast Corner of Section 17 Twp 26S Rng 42W  
 Located at: 101.926720 West Longitude and 37.783971 North Latitude  
 Both SURFACE WATER and GROUNDWATER  
 WATER USE CORRESPONDENTS:

- > File Number Use ST SR
- > ZACHARY GALE
- >
- > PO BOX 1227
- > SYRACUSE KS 67878
- 
- > ZACHARY GALE
- >
- > PO BOX 1227
- > SYRACUSE KS 67878
- 
- > EDDIE & BARBARA WESTEMAN
- >
- > 8100 SW CR 33
- > SYRACUSE KS 67878
- 
- > ZACHARY GALE
- >
- > PO BOX 1227
- > SYRACUSE KS 67878
- 

*8346*

*Applicant*

*↓*

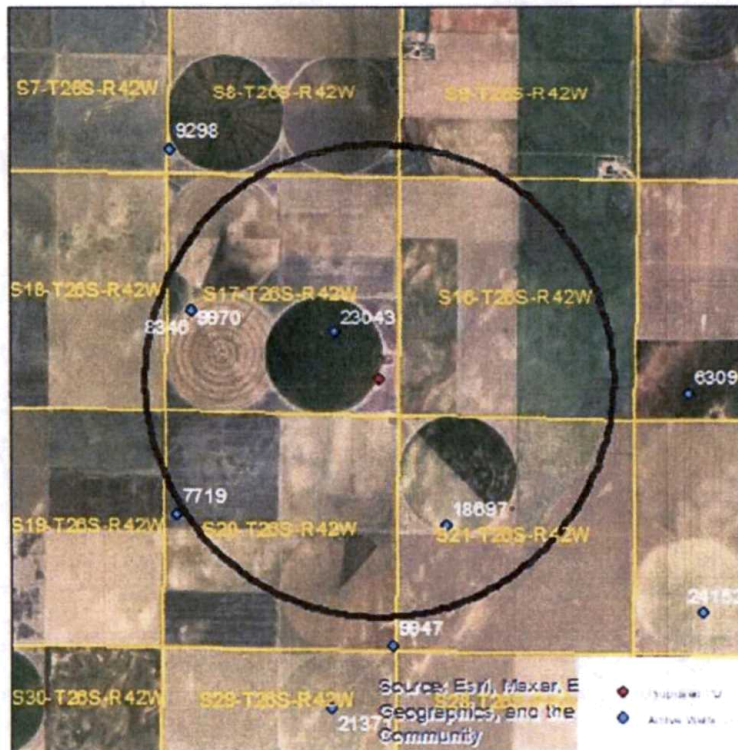
*9970*

*18697*

*23043* *Application*

## Evaluation of proposed move for Water Right No. 23043

Proposed: Move water right no. 23043 to a new well location, a distance of 1,469 ft to the southeast.



Wells within 1 mile: 8346 & 9970 and 18697.

The saturated thickness at the proposed well location is estimated to be 404 ft, based upon the driller's log and measured water table elevation in section 22-26-42. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

**50 year This Analysis:** The following values were used to run the analysis:

$S = 0.1393$ ,  $T = 2256 \text{ ft}^2/\text{day}$ ,  $t_{p\text{current}} = 120 \text{ days}$  (assumed),  $Q_{\text{current}} = 506 \text{ gpm}$  (based on average use and assumed pumping days),  $t_{p\text{proposed}} = 52 \text{ days}$ ,  $Q_{\text{proposed}} = 1400 \text{ gpm}$

Their drawdowns were calculated as follows:

8346 & 9970:	Drawdown from current location = 4.90 ft
	Drawdown from proposed location = 4.84 ft
	Net drawdown = <b>-0.1 ft</b>
18697:	Drawdown from current location = 3.76 ft
	Drawdown from proposed location = 5.54 ft
	Net drawdown = <b>1.8 ft</b>

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Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

**Conclusion:**

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
[www.agriculture.ks.gov](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

April 11, 2024

SOUTHWEST KANSAS GROUNDWATER  
MANAGEMENT DISTRICT NO. 3  
2009 E SPRUCE ST  
GARDEN CITY KS 67846

Re: Request for Recommendation  
Water Right, File No. 23043

Dear Mr. Norquest:

This is to advise you that AK Coral Cay Family Trust has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion.

We are delaying action on the change application to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Michael A. Meyer  
Water Commissioner

MAM  
Enclosures