

Kansas Department of Agriculture
Division of Water Resources
PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: <p style="text-align: center; font-size: 1.2em;">49,817</p>	2. Status Change Date: <p style="text-align: center; font-size: 1.2em;">3/12/2018</p>	3. Field Office: <p style="text-align: center; font-size: 1.2em;">2</p>	4. GMD: <p style="text-align: center; font-size: 1.2em;">2</p>
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
<p>7a. Applicant(s) New to system <input type="checkbox"/></p> <p style="text-align: right;">Person ID <u>20328</u> Add Seq# _____</p> <p>MAJOR & NANCY COKELEY 12014 E LAKE CABLE RD HAVEN KS 67543</p>	<p>7c. Landowner(s) New to system <input checked="" type="checkbox"/></p> <p style="text-align: right;">Person ID <u>65978</u> Add Seq# _____</p> <p>ASHLEY REID 19757 BIRDSLEY RD COUNCIL BLUFFS IA 51503</p>		
<p>7b. Landowner(s) New to system <input checked="" type="checkbox"/></p> <p style="text-align: right;">Person ID <u>65976</u> Add Seq# _____</p> <p>CLAYTON GILMORE 305 E MAIN ST HAVEN KS 67543</p>	<p>7d. Misc. New to system <input checked="" type="checkbox"/></p> <p style="text-align: right;">Person ID <u>65977</u> Add Seq# _____</p> <p>NORMA HALE 626 W LADENEY DR ONTARIO CA 91762</p>		
<p>8. WUR Correspondent New to system <input type="checkbox"/> Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">Person ID _____ Add Seq# _____ Notarized WUC Form <input type="checkbox"/></p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>		
10. Completion Date: <u>12/31/2019</u>		11. Perfection Date: <u>12/31/2023</u>	
12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date to Comply: _____ Date WLMD Installed: _____			
Date Prepared: 2/28/2018 By: AM Date Entered: 3/13/2018 By: UM			

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: February 28, 2018

FROM: Austin McColloch

RE: New Application,
File No. 49,817

Nancy Cokeley has filed an application to appropriate groundwater for irrigation use, requesting a quantity of 212.8 acre-feet of water per calendar year, and a diversion rate of 1,000 gallons per minute. The proposed point of diversion is located near the center of the Southeast Quarter (SE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas, within the Arkansas River drainage basin.

There are no other water rights overlapping the point of diversion or place of use. The applicant has signed the application form stating that they have legal access to the point of diversion.

The place of use is 152 acres located in the Southeast Quarter. The proposed quantity of 212.8 acre-feet per calendar year provides 1.4 acre-feet per acre, making it within the reasonable quantity for Reno County (1.4).

The applicant identified seven (4) domestic wells and one appropriated well within one-half mile of the proposed point of diversion. Notification letters were sent out on October 23, 2017. The site map indicates that the nearest domestic well, not owned by the applicant, is close to 660 feet away. This domestic well is owned by Cy Cokeley and has signed a domestic well owner water well spacing consent form. Even with this consent form the approval will have a condition that the well constructed shall meet a spacing distance of 660 feet to all domestic wells. The proposed point of diversion meets minimum spacing distance from all non-domestic wells of 1,320 feet and minimum spacing to all other domestic wells of 660 feet.

The point of diversion is located within the boundaries of Equus Beds Groundwater Management District No. 2. K.A.R. 5-22-7 applies to safe yield evaluation in GMD 2. One of the specific criteria is to determine the extent of the unconfined aquifer, it was determined that the entire two mile circle should be considered, providing 8,042 acres. Per GMD No. 2 evaluation it was determined that safe yield allowable appropriation is 4,021 acre-feet. Total existing consumptive appropriations in the area of consideration is 3,335.22 acre-feet leaving 685.78 acre-feet available for appropriation. Thus, the application meets safe yield.

In a letter dated January 31, 2018, Tim Boese, Manager, GMD No. 2, stated that the application complies with all rules and regulations of the GMD and recommended that the application be approved.

In an email dated February 28, 2018 e-mail, Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the application.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

Based on the above discussion, the area is open to new appropriations, the application complies with safe yield and well spacing criteria, approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest. It is recommended that the referenced application be approved.



Austin McColloch
Environmental Scientist

1320 Research Park Drive
Manhattan, Kansas 66502
785-564-6700



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

Secretary Jackie McClaskey

Governor Jeff Colyer, M.D.

March 14, 2018

MAJOR & NANCY COKELEY
12014 E LAKE CABLE RD
HAVEN KS 67543

FILE COPY

Re: Appropriation of Water
File No. 49,817

Dear Sir or Madam:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents. A water meter is required on the proposed diversion works and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter must be used to provide the information required on the annual water use report.

The enclosed form must be used to notify the Chief Engineer that the proposed diversion works have been completed. Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works and pay the field inspection fee within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the enclosed permit. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00. There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right.

If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A Baum
New Application Unit Supervisor
Division of Water Resources

KAB:am

Enclosures

pc: Clayton Gilmore
Ashley Reid
Norma Hale
Stafford Field Office
Groundwater Management District No. 2

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**

(This is not a Certificate of Appropriation)

This is to certify that I have examined Application File No. **49,817** of the applicant

**MAJOR & NANCY COKELEY
12014 E LAKE CABLE RD
HAVEN KS 67543**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **April 10, 2017**.

2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				
2	25S	4W																38	36	40	38	152

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one well located near the center of the Southeast Quarter (SE¼), of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **1,000 gallons per minute (2.23 c.f.s.)** and to a quantity not to exceed **212.8 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2019** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2023** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.

8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.

9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.

10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.

11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).

14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.

15. That the applicant identified in this order shall install an anti-reverse totalizing water flowmeter which meets or exceeds specifications adopted by the Chief Engineer.

16. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

17. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

CERTIFICATE OF SERVICE

On this 14th day of March, 2018, I hereby certify that the foregoing Approval of Application, File No. 49,817, dated March 12th, 2018 was mailed postage prepaid, first class, US mail to the following:

MAJOR & NANCY COKELEY
12014 E LAKE CABLE RD
HAVEN KS 67543

With photocopies to:

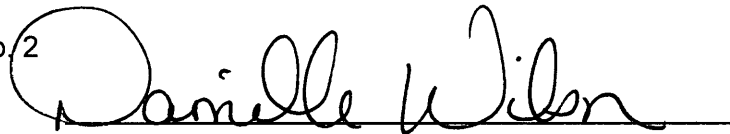
CLAYTON GILMORE
305 E MAIN ST
HAVEN KS 67543

ASHLEY REID
19757 BIRDSLEY RD
COUNCIL BLUFFS IA 51503

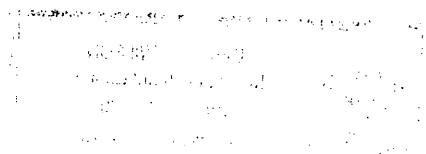
NORMA HALE
626 W LADENEY DR
ONTARIO CA 91762

Stafford Field Office

Groundwater Management District No. 2



Division of Water Resources



APPLICATION COMPLETE

2/28/18
Reviewer AM

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49817
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APR 10 2017

12:55
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): Nancy Cokeley
Address: 12014 E Lake Cable Rd.
City: Haven State KS Zip Code 67543
Telephone Number: (620) 465-3302

2. The source of water is: surface water in _____ (stream)
OR groundwater in Little Arkansas River Basin - Equus Beds (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.

3. The maximum quantity of water desired is 212.8 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1000 gallons per minute OR _____ cubic feet per second.

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

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. 2 GMD 2 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G/S County RN By AM Date 4/10/17
Code RES Fee \$ 200 TR # _____ Receipt Date 4/10/17 Check # 2004

4/13/2017 UCM

5. The location of the proposed wells, pump sites or other works for diversion of water is:

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 _____ quarter of the NC quarter of the SE quarter of Section 2, more particularly described as being near a point 1320 feet North and 1320 feet West of the Southeast corner of said section, in Township 25 South, Range 4W East/West (circle one), RENO 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):

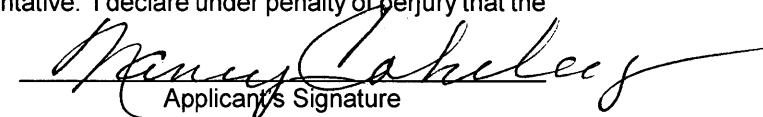
Nancy Cokeley, 12014 E Lake Cable Rd., Haven, KS 67543 (620) 465-3302, Clayton Gilmore C/O Vicki Gilmore 305 E. Main St. Haven, KS 67543
(name, address and telephone number)

Ashley Reid 19757 Birdsley Rd., Council Bluffs, IOWA 51503; Norma Hale 626 W. Ladenev Dr. Ontario, CA. 91762
(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 April 7, 2017


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 1 Well
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) 4/1/2018
(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 4/1/2018
(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.

No overlapping Points of Diversion of Places of Use.

WATER RESOURCES
RECEIVED

APR 10 2017

CANNED

KS DEPT OF AGRICULTURE

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	2/17/17	_____	_____	_____
Total depth of well	100	_____	_____	_____
Depth to water bearing formation	10	_____	_____	_____
Depth to static water level	10	_____	_____	_____
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 Co Owner
(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):

Nancy Cokeley, 12014 E Lake Cable Rd., Haven, KS 67543 (620) 465-3302, Clayton Gilmore C/O Vicki Gilmore 305 E. Main St. Haven, KS 67543
(name, address and telephone number)

Ashley Reid 19757 Birdsley Rd., Council Bluffs, IOWA 51503; Norma Hale 626 W. Ladeney Dr. Ontario, CA. 91762
(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 Halstead, Kansas, this 7 day of April, 2017.
(month) (year)

Nancy Cokeley
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Steve Flaherty Hydrogeologist Date: 4/7/2017
(office/title)

RECEIVED
APR 11 2017
STATE OF KANSAS
DEPARTMENT OF REVENUE
DIVISION OF WATER RESOURCES

49817

IRRIGATION USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): Nancy Cokeley

- 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:

Nancy Cokeley, 12014 E Lake Cable Rd., Haven, KS 67543 (620) 465-3302; Clayton Gilmore C/O Vicki Gilmore
305 E. Main St. Haven, KS 67543; Ashley Reid 19757 Birdsley Rd., Council Bluffs, IOWA 51503; Norma Hale
626 W. Ladeney Dr. Ontario, CA. 91762

ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE					
2	25S	04W																38	36	40	38	152	

Landowner of Record NAME: _____

ADDRESS: _____

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

Landowner of Record NAME: _____

ADDRESS: _____

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

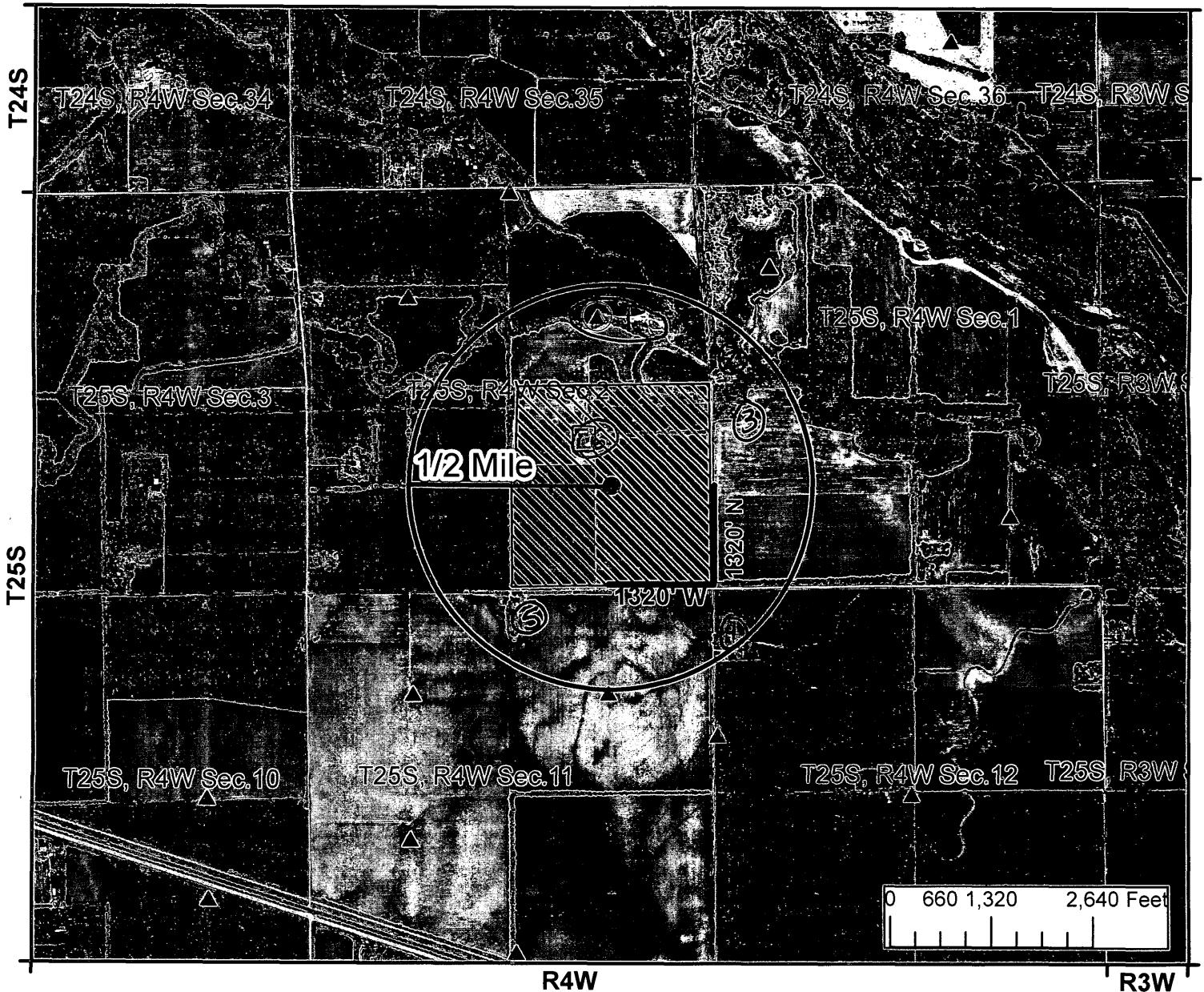
WATER RESOURCES
RECEIVED

APR 10 2017

SCANNED

New Application Proposed Place of Use Map

49817



I declare that all water wells or diversion sites using the same source of supply and within 1/2 mile of the proposed point of diversion have been plotted on the application map.

Nancy Cahaley
Signature

4/7/2017
Date

- New Application
- Application No. To Change:
 - Point of Diversion
 - Place of Use
 - Use Made of Water

- Proposed Point of Diversion
- Existing Points of Diversion
- Proposed Place of Use
- Authorized Place of Use



WATER RESOURCES RECEIVED

APR 10 2017 See attached list for surrounding well owners

SCANNED

Baum, Kristen

From: Baum, Kristen
Sent: Thursday, March 8, 2018 4:01 PM
To: Lanterman, Jeff [KDA]
Cc: Conant, Cameron [KDA]; McColloch, Austin [KDA]
Subject: RE: Nancy Cokeley File No. 49817

I just spoke to Nancy Cokeley about her application. She's perfectly comfortable staying 660' away from their domestic. As an FYI, she said the domestic is located near a small building right behind the house. They rent out the house and once this tenant leaves, they will probably only use it for watering livestock on pasture. I will send this one for signatures today. Thanks!

From: Baum, Kristen
Sent: Wednesday, March 7, 2018 4:30 PM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Cc: Conant, Cameron [KDA] <Cameron.Conant@ks.gov>; McColloch, Austin [KDA] <Austin.McColloch@ks.gov>
Subject: Nancy Cokeley File No. 49817

Hi Jeff,

I'm going over Austin's approval documents for this file and getting them ready for signature. In your recommendation, you mentioned including a condition to maintain domestic well spacing. I agree that it is pretty close, and when completed there is the 300' radius to work with that could bring it even closer. Normally, I would agree that there should be a permit condition. In this case, the point appears to just meet spacing on paper – GMD2 didn't recommend a waiver. We have a domestic spacing consent form, that in my mind is like a request for waiver of spacing. I guess I'm a little hesitant to include the permit condition unless we really feel like we need it to prevent an impairment claim down the road. If we do feel like we need it, I'm not opposed to keeping it but I'll probably call the applicant and let her know it's coming so she isn't surprised by the requirement. Just wondering what your thoughts are and how strongly you felt about that permit condition.

Thanks!

Kristen A. Baum
Division of Water Resources – Water Appropriations
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan KS 66502
(785) 564-6627

My email address has changed: kristen.baum@ks.gov

McColloch, Austin [KDA]

From: Lanterman, Jeff [KDA]
Sent: Wednesday, February 28, 2018 2:09 PM
To: Conant, Cameron [KDA]; McColloch, Austin [KDA]
Subject: FW: Recommendation File No. 49817
Attachments: 49817 Approval Letter 2-01-18.pdf; 49817_Memo.doc; 49817 app map.pdf

Austin;

I agree with Cameron this one looks like a slam dunk as far as the area and water levels are concerned.

Since we are not planning on a waiver to the domestic well which looks too close to me maybe we should add a permit condition that the well as constructed shall meet a spacing distance of 660' to all existing domestic wells. To be on the safe side. This thing is pumping 1000 GPM.

Other than that go ahead and approve it!

Jeff

From: Conant, Cameron [KDA]
Sent: Wednesday, February 28, 2018 9:03 AM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Subject: FW: Recommendation File No. 49817

Jeff,

This is an irrigation application for a single well (Premier well log is on file with the application) to irrigate 152 acres with a full 212.8AF @ 1000gpm. There are 4 different listed owners on this 152 acre place of use. Application map is attached.

This met the GMD#2 SY analysis and had something like 600AF remaining.

The irrigation well is really close to not meeting the 660' required spacing to an existing domestic well owned by the applicant and the applicant has provided a domestic well spacing consent form for this well. I agree that all nearby wells were listed on the map. Far as the file indicates, there were no additional comments from any nearby wells.

Here are some nearby water levels. All 4 hydrographs appear stable.

http://hercules.kgs.ku.edu/geohydro/wizard/wizardwelldetail.cfm?usgs_id=375441097433301 (~½ mile N) unknown depth

http://hercules.kgs.ku.edu/geohydro/wizard/wizardwelldetail.cfm?usgs_id=375421097462702 (~2½ miles W) 88' deep

http://hercules.kgs.ku.edu/geohydro/wizard/wizardwelldetail.cfm?usgs_id=375421097462701 (~2½ miles W) 132' deep

http://hercules.kgs.ku.edu/geohydro/wizard/wizardwelldetail.cfm?usgs_id=375157097421801 (~3 miles SE) unknown depth

Based on the SY analysis showing water available, adequate spacing (with the consent agreement), and the steady area water table according to the above hydrographs, I think we can recommend approval of this application. Please pass on to Austin if you agree.

Cameron

From: McColloch, Austin [KDA]
Sent: Friday, February 2, 2018 2:21 PM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Cc: Conant, Cameron [KDA] <Cameron.Conant@ks.gov>
Subject: Recommendation File No. 49817

Jeff,

Attached is my draft memo for New Application, File No. 49,817 submitted by Nancy Cokeley. Also attached is GMD 2 recommendation and review. Let me know if you have any questions.

Thanks,

Austin McColloch
Environmental Scientist
Ph: (785) 564-6643

JEFF WINTER, PRESIDENT
VIN KISSICK, VICE PRESIDENT
ALAN BURGHART, SECRETARY
MIKE MCGINN, TREASURER
TIM BOESE, MANAGER
THOMAS A. ADRIAN, ATTORNEY



DIRECTORS:
DAVID BOGNER
JOE PAJOR
DALE SCHMIDT
BOB SEILER
DAVID STROBERG

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 SPRUCE STREET • HALSTEAD, KANSAS 67056-1925 • PHONE (316) 835-2224 • FAX (316) 835-2225 • equusbeds@gmd2.org • www.gmd2.org

January 31, 2018

WATER RESOURCES
RECEIVED

FEB 05 2018

Chief Engineer, Division of Water Resources
Attn: Austin McColloch
1320 Research Park Dr.
Manhattan, KS 66502

KS DEPT OF AGRICULTURE

Re: Appropriation Application File No. 49817 – Nancy Cokeley

Dear Mr. McColloch:

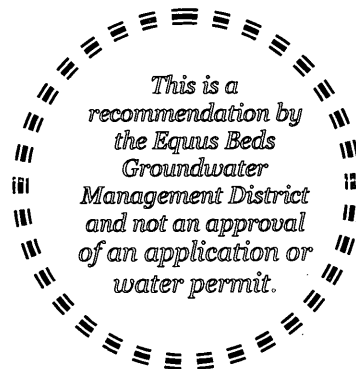
The Equus Beds Groundwater Management District No. 2 reviewed the referenced application on January 31, 2018, using the District's Revised Management Program (effective May 1, 1995), and Rules and Regulations K.A.R. 5-22-1 through 5-22-17.

The application complies with the Revised Aquifer Management program approved by the Chief Engineer and with the District's Rules and Regulations K.A.R. 5-22-1 through 5-22-17. Therefore, the application is recommended for approval by the Equus Beds Groundwater Management District No. 2.

A District decision may be appealed to the District Board of Directors by submitting a written petition to the District office within 30 days from date of this notification, pursuant to K.A.R. 5-22-12.

Sincerely,
EQUUS BEDS GROUNDWATER
MANAGEMENT DISTRICT NO. 2

Tim Boese
Manager
TDB/STF
Enclosures



pc: Cokeley Trust, c/o Nancy Cokeley, Applicant and Landowner
Clayton Gilmore, Landowner
Ashley Reid, Landowner
Norma Hale, Landowner
Jeff Lanterman, Division of Water Resources, Stafford

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2 FINAL APPLICATION REVIEW CHECKLIST

1) Application No. 49817 Date filed: 4/10/17
 2) Applicant: Nancy Cokeley County: Reno
 3) Proposed maximum quantity: 212.8 acre-feet/year Rate: 1000 GPM
 4) Proposed Use: Irrigation
 5) P/D location: NC SE 2-25S-4W Geo Center: North 1320 ft, West 1320 ft
 6) Number and type of points of diversion listed on the application 1 Well

7) Meter required K.A.R. 5-22-4a or K.A.R. 5-22-8? Yes No, Why _____

8) Meets Safe Yield K.A.R. 5-22-7? Yes No N/A
 (a) Total allowable appropriations: 4021.00 af/yr
 (b) Total existing appropriations: 3501.22 af/yr
 (c) Total small user exemptions: 20.30 af/yr
 (d) Total non-consumptive use: 166.00 af/yr
 (e) Total consumptive use: 3335.22 af/yr
 (Total existing appropriations) - (Total non-consumptive use)
 (f) exempt from regulation? Yes No,
 Cite exemption: _____

9) Meets Well Spacing K.A.R. 5-22-2? Yes No N/A
 (a) POD in enhanced well spacing area? Yes No
 (b) Domestic well spacing interval: <660 ft
 (c) Non-Domestic well spacing interval: >1320 ft

10) Meets Max Reasonable Quantity K.A.R. 5-22-14? Yes No N/A
 (a) Irrigation max quantity: 1.4 acre-feet / acre
 application paragraph 3 value (acre-feet) / proposed acres = Q
 (b) Stockwater max quantity: _____ GPD _____ unit
 (c) Industry max quantity: _____ Acre
 Industry standard: _____
 (d) Municipal max quantity: _____ GCD
 Lesser of either 200 GCD or
 $1.10 * (X - Y) * 365 d * (z + t)$
 X - Average of last three years usage in Gallons per Capita per Day (GCD)
 Y - water usage for industries that use over 200,000 gal/yr (GCD)
 Z - Projected population in 20 years
 T - Reasonable projected water use for industries that use over 200,000 gallons per year (GCD)
 (e) Pond max quantity is
 (Net evap + seepage)/12 x pond area + any initial fill
 (f) Groundwater pit max Q: _____
 Net evap * pit area/12

11) Reasonable rate for intended use? Yes No N/A
 12) Depth to water: _____ bls at observation well: _____

13) Date reviewed: January 5, 2018 *Revised 1-31-18*
 14) Reviewed by: S. Flaherty Title: Hydrogeologist
 15) District recommendation: Approve Deny Other, see comment

16) Comments and Calculations:

Review Complete for a new application submitted by Nancy Cokeley for Irrigation Use in Reno County
 No Overlapping Place of Use
 No Overlapping Point of Diversion
 Surrounding Well Owner Notifications Sent
 No Nearby Well Owner Inquiries
 No Rate/Quantity Limitations
 No Special Use Areas or IGUCAs
 Item 9: Domestic well may be within 660 feet of proposed well. Signed spacing consent form submitted
 Item 10: 212.8 AF / 152 acres = 1.4 AF/A
 Recommend Approval, complies with K.A.R. 5-22-2 through 5-22-17

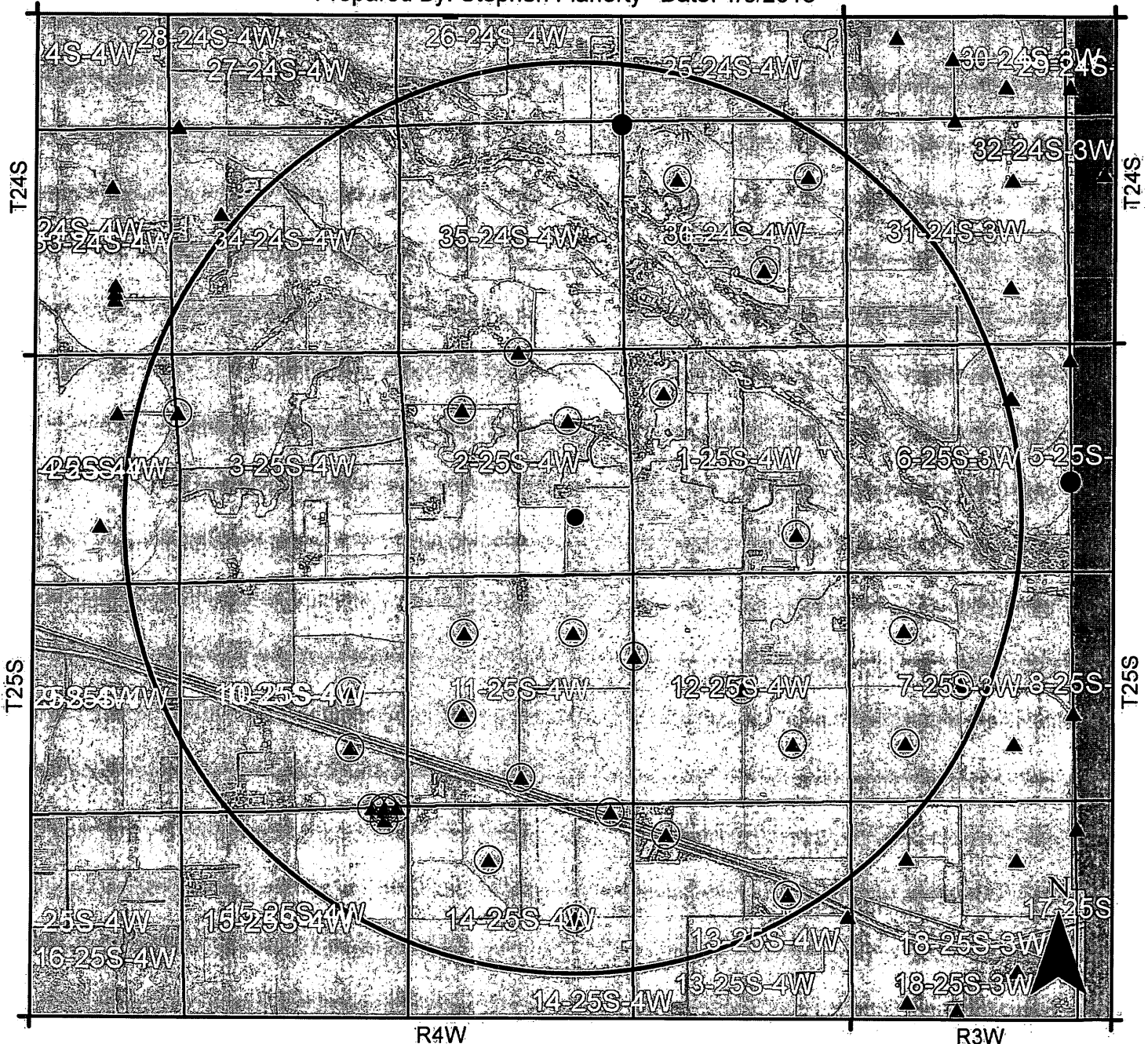
Equus Beds Groundwater Management District No. 2

SAFETYIELD EVALUATION NO 49817

LOCATION: *SW-NE* (1320'N & 1320'W) 02-25S-04W, Reno County

NC-SE SPECIAL USE AREA: NONE

Prepared By: Stephen Flaherty Date: 1/3/2018



0 2,640 5,280 Feet

Map Legend

- Monitoring Well
- ◐ Bedrock
- ◻ GMD2 Boundary
- ◻ Legal Sections
- ⊙ Proposed Point of Diversion
- ▲ Authorized Location
- Equus Beds Groundwater Management District No. 2
313 Spruce Street, Halstead, KS 67056
316-835-2224, equusbeds@gmd2.org
- Burton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area

SAFEYIELD EVALUATION NO 49817

LOCATION: SWNESE (1320'N & 1320'W) 02-25S-04W, Reno County

MCSE

SPECIAL USE AREA: None

EVALUATION DATE:- 1/3/2018

Total Areas: 8,042 acres; Area in 3 inch discharge zone: 0 acres; Area in 6 inch discharge zone: 8,042 acres

FILE_ID	WELL_ID	TOWNSHIP	RANGE	SECTION	QUALIFIER	USE	AUTHQUANTITY
A01090900	814	25S	04W	11	39803926	IRR	90
A01217200	1655	25S	04W	14	40163365	IRR	120
A01414900	844	25S	04W	14	40163365	IRR	60
A01732700	1569	25S	04W	10	26701315	IRR	139
A02713500	1636	25S	04W	3	39455380	IRR	116
A02772700	1332	25S	04W	14	26271353	IRR	140
A02821700	286	25S	04W	2	51652620	IRR	27
A02865200	66	25S	04W	12	13201305	IRR	165
A03881900	132	25S	04W	2	38503828	IRR	74
A03909100	1149	25S	03W	7	13203980	IRR	203
A03995900	1688	25S	04W	10	13751311	IRR	52
A03996800	1474	25S	04W	11	6302600	IRR	141
A04110800	285	25S	04W	1	41804320	IND	39
A04115900	1724	25S	04W	11	39591355	IRR	56
A04151200	2151	25S	03W	7	39154001	IRR	87
A04169000	2179	24S	04W	36	39603960	IND	205
A04171800	2140	25S	03W	7	39154001	IRR	81
A04180300	2198	25S	04W	12	25852506	IRR	200
A04254800	2411	25S	03W	7	26522351	IRR	100
A04256800	2414	25S	04W	11	39591355	IRR	51
A04285700	2474	25S	04W	11	39803926	IRR	80
A04462800	2861	25S	04W	1	8791171	IRR	40
A04526900	2989	24S	04W	36	17601917	REC	41
A04578400	3137	25S	04W	2	35611366	IRR	98
A04664200	3505	24S	04W	36	39600860	IRR	168
A04674800	3447	25S	04W	12	33765046	IRR	171
A04745900	4019	25S	04W	15	51600520	IRR	182
A04745900	4020	25S	04W	15	52300810	IRR	0
A04745900	4021	25S	04W	15	52300520	IRR	0
A04745900	4022	25S	04W	15	52300230	IRR	0
A04745900	4023	25S	04W	15	49500520	IRR	0
A04764900	3753	25S	04W	11	21003960	IRR	123.2
A04765600	3729	25S	04W	14	51000520	IRR	6.02
A04776800	3781	25S	04W	13	46104320	IRR	13.3
A04806700	3956	25S	04W	2	51652620	IRR	5.9
A04857900	4113	25S	04W	11	6302600	IRR	41
A04897500	4231	25S	04W	13	31841448	IRR	7
A04981700P	5117	25S	04W	2	13201320	IRR	212.8
A99901200	3599	24S	04W	36	39603960	HYD	166
Allowable Appropriations		4,021.00			Total Existing Appropriation		3,501.22
Small User Quantity		20.3			Non Consumptive Appropriations		166
Remaining SUQ		24.7			Consumptive Appropriations		3,335.22
Note- Values are in acre-feet					Available Appropriations		685.78

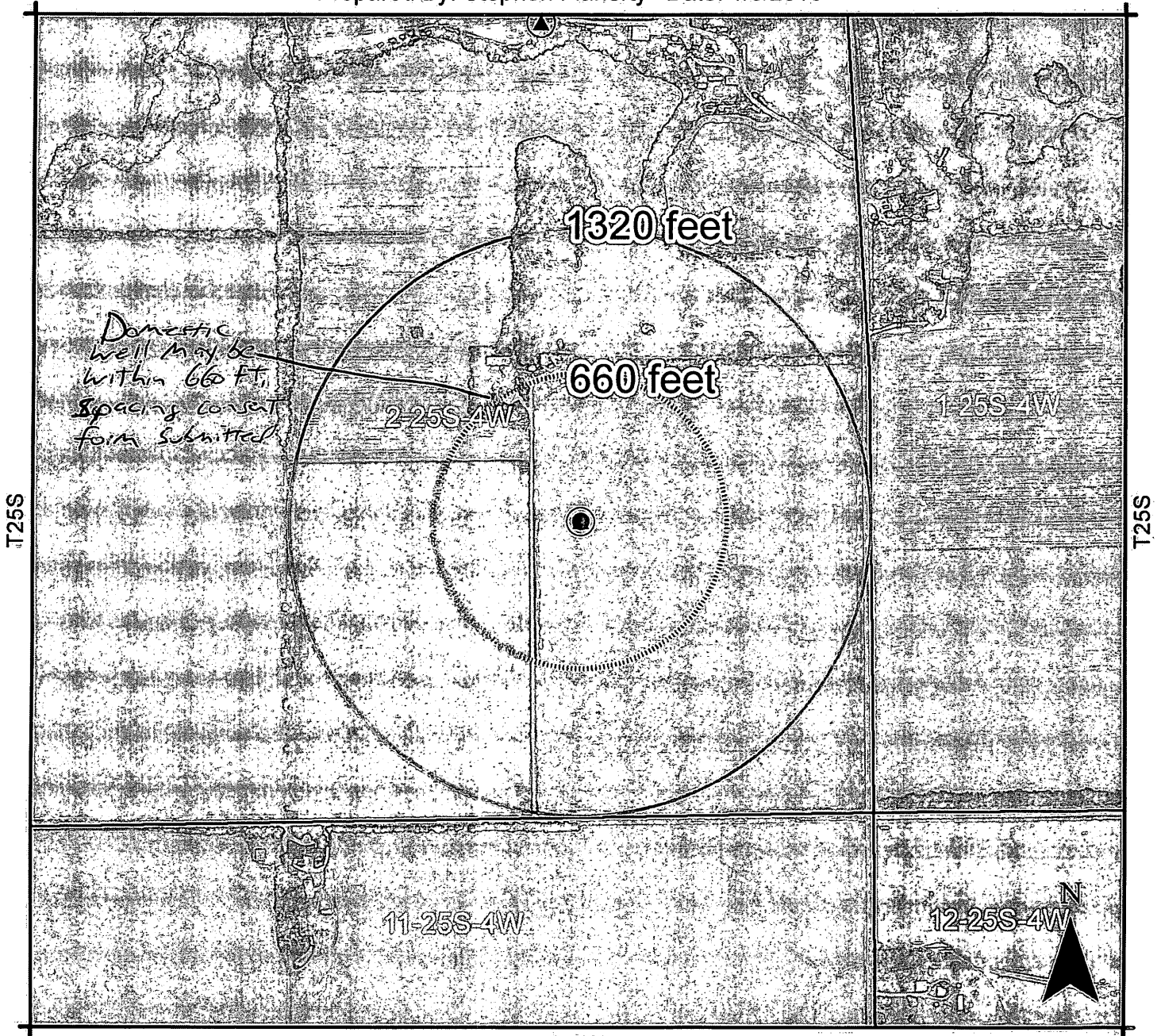
Equus Beds Groundwater Management District No. 2

SPACING EVALUATION NO 49817







LOCATION: ~~SWNESE~~ (1320'N & 1320'W) 02-25S-04W, Reno County

NC-SE SPECIAL USE AREA: NONE

Prepared By: Stephen Flaherty Date: 1/3/2018

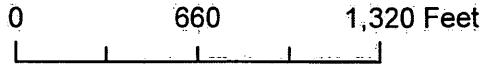


Map Legend

● Monitoring Well	● Proposed Point of Diversion	Burton IGUCA	
 Bedrock	▲ Authorized Location	Hollow Nickel SWQUA	
 GMD2 Boundary		McPherson IGUCA	
 Legal Sections		Enhanced Well Spacing Area	
		Application Suspension Area	



Equus Beds Groundwater Management District No. 2
 313 Spruce Street, Halstead, KS 67056
 316-835-2224, equusbeds@gmd2.org



1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

November 28, 2017

EQUUS BEDS
GROUNDWATER MANAGEMENT DISTRICT NO 2
313 SPRUCE
HALSTEAD KS 67056

FILE COPY

Re: New Application, File No. 49,817

Dear Mr. Flaherty:

At the request of extension to review, the Chief Engineer has extended, the initial time in which to supply the requested recommendation for the application for new appropriation for the above referenced file.

As requested we will delay any further action until December 28, 2017. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently, my desk phone number is (785) 564-6643.

Sincerely,

Austin McColloch
Environmental Scientist
Water Appropriation Program

AM:am

pc: Stafford Field Office

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

November 15, 2017

COPY

EQUUS BEDS
GROUNDWATER MANAGEMENT DISTRICT #2
313 SPRUCE ST
HALSTEAD, KS 67056

Re: New Application,
File No. 49,817

Dear Sir or Madam:

Enclosing is a copy of the referenced application, which was submitted by Nancy Cokeley and appears to be in proper form, for your review. The water is to be used for irrigation use with no overlap in point of diversion or place of use.

We are delaying any further action for a period of 15 days from the date of this letter 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 have any questions, please contact me at (785) 564-6643. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Austin McColloch".

Austin McColloch
Environmental Scientist
Water Appropriation Program

Enclosures
pc: Stafford Field Office

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

October 23, 2017

ERIC HOSKINSON
13008 S WORTHINGTON RD
HAVEN KS 67543

FILE COPY

Re: Application
File No. 49,817

Dear Mr. Hoskinson:

This is to advise you that Nancy Cokeley has filed the application referred to above for permit to appropriate 212.8 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 1,000 gallons per minute from a well or wells located as follows:

one (1) well located near center of the Southeast Quarter (SE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas.

A copy of an aerial photograph depicting the location of the proposed point of diversion is also enclosed. Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of this application in order that you may be fully informed of the proposed location(s) of the applicant's point(s) of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter.

If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch
Environmental Scientist
Division of Water Resources

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

October 23, 2017

DANIEL FORAKER TRUST #1
13116 S WORTHINGTON RD
HAVEN KS 67543

Re: Application
File No. 49,817

Dear Sir or Madam:

This is to advise you that Nancy Cokeley has filed the application referred to above for permit to appropriate 212.8 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 1,000 gallons per minute from a well or wells located as follows:

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Austin McColloch".

Austin McColloch
Environmental Scientist
Division of Water Resources

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

October 23, 2017

JANE & TIMMY CARMICHAEL
13205 E ARLINGTO RD
HAVEN KS 67543

Re: Application
File No. 49,817

Dear Mr. or Mrs. Carmichael:

This is to advise you that Nancy Cokeley has filed the application referred to above for permit to appropriate 212.8 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 1,000 gallons per minute from a well or wells located as follows:

one (1) well located near center of the Southeast Quarter (SE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas.

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch
Environmental Scientist
Division of Water Resources

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

October 23, 2017

RUTH & JAMES HILL
C/O JUDY GRAME
529 AREHART LN
PLATTE CITY MO 64079

Re: Application
File No. 49,817

Dear Sir or Madam:

This is to advise you that Nancy Cokeley has filed the application referred to above for permit to appropriate 212.8 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 1,000 gallons per minute from a well or wells located as follows:

one (1) well located near center of the Southeast Quarter (SE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas.

A copy of an aerial photograph depicting the location of the proposed point of diversion is also enclosed. Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of this application in order that you may be fully informed of the proposed location(s) of the applicant's point(s) of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter.

If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch
Environmental Scientist
Division of Water Resources

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

October 23, 2017

MAJOR & NANCY COKELEY
12014 E LAKE CABLE RD
HAVEN KS 67543

Re: Application
File No. 49,817

Dear Sir or Madam:

This is to advise you that Nancy Cokeley has filed the application referred to above for permit to appropriate 212.8 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 1,000 gallons per minute from a well or wells located as follows:

one (1) well located near center of the Southeast Quarter (SE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 1,320 feet North and 1,320 feet West of the Southeast corner of said section, in Township 25 South, Range 4 West, Reno County, Kansas.

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch
Environmental Scientist
Division of Water Resources

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
<u>Avans Loam</u>	<u>96</u>	<u>.6 - 2.0</u>	<u> </u>
<u>Kaskan Loam</u>	<u>4</u>	<u>.6 - 2.0</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total:	100 %		

b. Estimate the average land slope in the field(s): 1 %

Estimate the maximum land slope in the field(s): 3 %

c. Type of irrigation system you propose to use (check one):

- Center pivot Center pivot - LEPA "Big gun" sprinkler
 Gravity system (furrows) Gravity system (borders) Sideroll sprinkler

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: Not yet available psi
- (2) What is the sprinkler package design rate? Not yet available gpm
- (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? Not yet available feet
- (4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations: Corn, Wheat, Soy, Milo, Alfalfa

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation). Crop Consultant

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

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Wells Within ½ mile

- 1) Irrigation Well no 45784 & Domestic Well
Cokeley Trust
C/O Major C. Cokeley
12014 E Lake Cable Rd
Haven, KS 67543
- 2) Domestic Well
Eric B. Hoskinson
13008 S Worthington Rd.
Haven, KS 67543
- 3) Domestic Well
Daniel W Jr Foraker Trust #1
C/O Dan W Foraker Jr
13116 S Worthington Rd
Haven, KS 67543
- 4) Domestic Well
Ruth E & James D. Hill & Judy K. Grame
529 Aarehart Ln.
Platte City, MO 64079
- 5) Domestic well
Jane M. & Timmy G Carmichael
13205 E Arlington Rd.
Haven, KS 67543
- 6) Domestic well
Nancy Cockely & Normal Jean Hale & Ashley Reid & Clayton Gilmore
303 E Main St
Haven, KS 67543

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49817

April 7, 2017
(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
1320 Research Park Drive
Manhattan, Kansas 66502

Re: Application
File No. _____

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also 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. I realize that this could affect the economics of my decision to appropriate water.

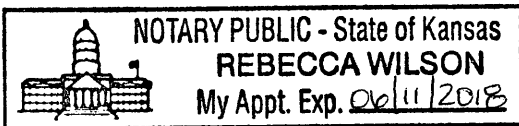
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Nancy Cokeley
Signature of Applicant

Nancy Cokeley
(Print Applicant's Name)

State of Kansas)
County of HARVEY) ss

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



Rebecca Wilson
Notary Public

My Commission Expires: 06/11/2018

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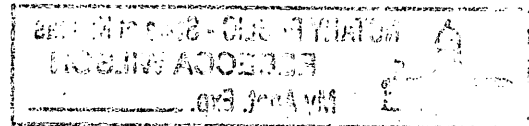
APR 10 2017

**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River



DOMESTIC WATER WELL OWNER
WATER WELL SPACING CONSENT FORM

K.A.R. 5-22-2(e)(4)

I, NANCY COKELEY, own a domestic well at 1344 EAST ARLINGTON RD.
Name Domestic Water Well Owner Address
HAVEN, KS, 67543, 620-465-3302
City State Postal Code Telephone

to supply water for domestic needs and use. That said water well was drilled and constructed on 8 / 15 / 1964.
MM DD YY

I understand and acknowledge that NANCY COKELEY has either filed a change in
Applicant Name
point of diversion application on existing water permit # _____ or new application
_____ for a water permit to withdraw or appropriate groundwater for non-domestic
beneficial use.

That the application described the location of a proposed non-domestic water well or water well battery in the SE 1/4 1/4 1/4 of Section 2, Township 25 South, Range 4 West, RENO County, and will allow the withdrawal of 212.8 acre-feet per year at 1000 gallons per minute for IRRIGATION use.

The applicant has informed me that the proposed non-domestic water well or water well battery is within the minimum required spacing interval of 660 or 960 feet, respectively, of my domestic well.

Having full knowledge of the above and without waiving any right to file an impairment complaint with the Chief Engineer, Division of Water Resources, I grant my permission to locate said well or well battery less than the minimum required spacing interval from my domestic well.

Dated at HALSTEAD KS., Kansas, this 7 day of APRIL 20 17.

Signed by: Nancy Cokeley
Domestic Well Owner

Witnessed by: Cy Cokeley

Address: 12016 ELAKO CABLE RD
HAVEN, KS, 67543

Telephone: 620-200-0434

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FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage 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 a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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KS DEPT OF AGRICULTURE



1320 Research Park Drive
Manhattan, Kansas 66502
Jackie McClaskey, Secretary

Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

April 11, 2017

NANCY COKELEY
12014 E LAKE CABLE RD
HAVEN KS 67543

FILE COPY

RE: Application
File No. 49817

Dear Sir or Madam:

Your application for permit to appropriate water in 02-25S-04W in Reno County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD 2

SCANNED



1:24,000



N



Legend

☆ Point of Diversion

New Application, File No. 49,817
2-25S-4W Reno County, KS