Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

| 1. File Number: | 2. Status Change Date: | 3. Change Num: | 4. Field Office: | 5. GMD: |
|---|--------------------------|-------------------|---|---------------------------------|
| 12822 | | C2 | 4 | 3 |
| 6. Status: ☐ Approved ☐ Den | ied by DWR/GMD | Dismiss by Reques | t/Failure to Return | 7. Filing Date of Change: |
| | | | \ | 12/15/2022 |
| 8a. Applicant(s) New to system □ | Person ID 68182 Add Seq# | 8c. Landown | | Person IDAdd Seq# |
| SANDYHILL ENTERPRIS PO BOX 1005 HOLCOMB, KS 67851 | SES LLC | | | |
| | | | | |
| 8b. Landowner(s) New to system □ | Person ID Add Seq# | 8d. WUC New to sy | stem 🗌 | Person IDAdd Seq# |
| 8a | | 8a | | |
| | | | | |
| | | | | |
| | | | | |
| 9. Documents and Enclosure(s): 🛛 D | NR Meter(s) Date to Comp | ly:12/31/2023 | N & P Date to | Comply: 3/1/2024 |
| ☐ Anti-Reverse Meter ☐ Meter | Seal | ☑ N & P Form | ☐ Water Tube ☐ □ | Driller Copy ⊠ H & E Letter |
| ☐ Conservation Plan Date Requi | red: Da | ite Approved: | Date to | o Comply: |
| 10. Use Made of Water From: | | To: _ | 4 | _ |
| | | | Date Prepared: 3/6/2 Date Entered: | 023 ву: АМ Ву: |

| File No. | 12822 | 2 | 11. Count | y: FI | Ва | asin: A | RKAN | ISAS F | RIVER | | | S | tream | : | | | | | | Fo | ormation Code | e: 211 | Special Use: | |
|-------------------|------------------|--------------|-----------|--------|----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|---------|--------------|---------|-------------|----------------|---------------|-----------------|-------|
| 12. Poi | nts of Dive | ersion | | | | | | | | | | | ٨ | | | Rate | and Q | uantity | | | | | - | |
| MOD DEL | PDIV | | | | | | | | | | | | | | | A | Authori | ized | | Α | dditional | | | |
| ENT | T DIV | Qualifier | S | Т | R | ID | | 'N | ʻW | 1 | Com | ment | (AKA | Line) | | Rate gpm | | Quanti af | ty | Rate gpm | | | verlap PD Files | |
| MOD | 13867 | NC N2 | 36 | 25S | 33W | 1 | 3 | 958 | 266 | 57 | | | | | | 173 | 5 | 408 | | 173 | 5 408 | N | ONE | |
| DEL | 28133 | | | | | | | | | | | | | | | | | | | | | , | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. Stor | age: Rate | <u> </u> | | .NF | Qua | ntity _ | | | | | _ac/ft | Α | dditior | nal Rat | e | | | | NF | Addi | tional Quantit | ty | | ac/ft |
| 14. Limi | tation: | | af/yr | at | | | | gpm (_ | | | | | | | | | | | | | | | | |
| Limi | tation: | | af/yr | at | | | | gpm (_ | | | | cfs) w | hen co | ombine | d with | file n | umber | (s) | | | | | | |
| 15. 5YR | Allocation | : Allocation | Туре | _ St | tart Yea | ır | | 5 YR | Amou | nt | | Amo | ount U | nit | _ | Base | Acres | | _ C | omment . | | | | |
| CHK | ce of Use | | | NE1/4 | | | | NW1/4 | | | | SW1/4 | | | | SE¼ | | | | Total | Owner (| Chg? | Overlap Files | |
| MOD DEL ENT | PUSE | STR | ID | NE | | SW 1/4 | SE 1/4 | NE ¼ | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE ¼ | NW ¼ | SW 1/4 | SE ¼ | | | | | |
| CHK 2 | | | | | | | | | | | | | | | | | | | | | | | | ą. |
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| Base Ad | res: | Year: | 1 | Minimu | m Reas | sonable | e Quar | ntity: | | | | | | | | | | | | | | | | |
| Comme | nts: RE N | NOVE LIMI | TATION | – W | R WIL | LL R | EVE | RT E | BACK | (то | FUI | LL C | IAU | TIT | Y OF | 408 | BAF | | | | | | | |

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

March 6, 2023

SANDYHILL ENTERPRISES LLC PO BOX 1005 HOLCOMB, KS 67851

RE:

Filed Office Application for Change

Water Right, File No. 12822

Dear Sir or Madam:

Enclosed is the 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 this approval for change. A condition of this approval 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 document referred to above, it 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,

Austin J. McColloch

Assistant Water Commissioner

AM:

enclosures

pc:

GMD 3

CERTIFICATE OF SERVICE

On this 6th day of March, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 12,822 dated 6th day of March, 2023 was mailed postage prepaid, first class, US mail to the following:

SANDYHILL ENTERPRISES LLC PO BOX 1005 HOLCOMB, KS 67851

Pc:

GMD 3

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.

| oi u | iversion a | ind/or p | lace of | use. | | | | _ | | | | | | | | | | RE | CEIVED |
|------|-----------------------|-----------|----------|----------|--------------------------------|---------------|--------------|--------------|---------|-------------|--------|----------|---------|---------|--------|---------|--------|---------|--|
| | | | | | | F | File No | . 1282 | 2 | | | | | | | | | DE | C 1 5 2022 |
| 1. | Applicati | on is he | ereby n | nade f | or appi | roval c | f the C | hief E | nginee | er to ch | nange | the (ch | eck or | ne or b | oth): | | G | arden | City Field Office |
| | | | | | | □ P | lace o | f Use | | \boxtimes | Point | of Dive | ersion | | | | Divis | sion of | Water Resources |
| | under the | e water | right w | vhich is | s the s | ubject | of this | applic | ation i | n acco | rdance | e with t | the cor | ndition | s desc | ribed b | pelow. | | |
| | The sour | rce of su | upply is | s: | | \boxtimes G | Ground | water | | | Surfac | ce wat | er | | | | | | |
| 2. | Name ar | | | | | | HILL E | NTER | PRISE | ES LLC | | | | | | | | | |
| | PO BOX | | | | | | | | | | | | | | | | | | |
| | Phone N | | | | | | | | | | ss: | | | | | | | | |
| | Name ar | nd addre | ess of | Water | Use C | orresp | onden | t: <u>NO</u> | CHAN | IGE | | | | | | | | | |
| | Phone N | lumber: | (|) | | | | | Email | addre | ss: | | | | | | | | |
| 3. | The pres | - | | | | | | | | | | | | | | | | | |
| | Owner o | | | | | | | | | | | | | | | | | | |
| | | | ADDRI | | | | | | | | | | | | | | | | |
| | (If there is | more th | nan one | landov | vner, at | tach su | ppleme | ental sh | eets as | neces | sary.) | | | | | | | | |
| | | | | NE | 1/4 | | | NV | V1/4 | | | SV | V1/4 | | | SI | Ε1/4 | | TOTAL |
| _Se | c. Twp. | Range | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | ACRES |
| | | | | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 4. | If this ap Owner o | f Land - | NA | AME: | | | | | | | | | use be | e chan | ged to | : | | | and the same of th |
| | (If there is | | ADDRI | | | | | ntal ab | ooto oo | 2 20000 | can() | | | | | | | | |
| | (II there is | more tr | lan one | | | lacii su | ppieme | | | neces | Sary.) | | | | | | | | |
| | _ | | | | =1/4 | | | | V1/4 | | | | V1/4 | | | T | Ε½ | | TOTAL ACRES |
| Se | c. Twp. | Range | NE1/4 | NW1/4 | SW ¹ / ₄ | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE½ | NW1/4 | SW1/4 | SE1/4 | NE¼ | NW1/4 | SW1/4 | SEX | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| | For Offi | ce Use | Only: | Code | | Fe | e \$ <u></u> | 00.0 | O TR | # | | Re | eceipt | Date _ | 12-15 | 5-22 | Chec | k#_0 | 572 |

| 5. | Presently author | rized point of o | diversion: | | | | |
|-----|------------------------|-------------------|----------------------------|----------------|---------------------------------------|----------------------------|------------------|
| | One in the | | Quarter of the | NC | Quarter of the | N2 | Quarter |
| | of Section | 36 | , Township | 25 | South, Range | 33 | W, |
| | | | | | 2667 feet West of | | |
| | Authorized Rate | 885 GPM | _ Authorized Quantity _ | 332 AF | Depth of well | (fee | et) |
| | | | | | feet North | | |
| | | | | | ☐ No change, point better | | |
| 1 | | | | | ed or if existing point is | | |
| | | | | | Quarter of the | | |
| | | | | | South, Range | | |
| | | | | | feet West of | | |
| | | | | | Proposed well depth | | |
| L | This point is: | Additional vveil | Geo Center List o | ther water rig | hts that will use this point | <u> </u> | |
| 6. | Presently author | rized point of | diversion: | | | (8) | |
| 0. | | | | NC | Quarter of the | NW | Quarter |
| | | | | | South, Range | | |
| | | | | | 4126 feet West of | | |
| | | | | | Depth of well | | |
| | | | | | feet North | | |
| | | | | | No change, point better o | | |
| | Proposed point | of diversion: (| Complete only if chang | e is request | ed or if existing point is | better describ | ed by GPS) |
| 1 | One in the | | Quarter of the | NC | Quarter of the | N2 | Quarter |
| | | | | | South, Range | | |
| | | | | | 2667 feet West of | | |
| | | | | | Proposed well depth | | |
| L | This point is: | Additional Well | Geo Center List o | ther water rig | hts that will use this point | t | · |
| 7. | The changes here | oin are desired | for the following reason: | -2 | | | |
| 1. | | | JTHORITY | 5: | North | n | |
| | | | | 30 | 0 200 100 0 | 100 200 | 300 |
| | | | | | <u> </u> | | |
| 8. | If a well, is the test | t hole log attach | ed? 🗌 Yes 🛛 No | | | | 200 |
| - | , | | | 200 | -1/4 + = | 1 + 1 + | 200 |
| 9. | The change(s) (wa | as)(will be) comp | oleted by? | | -/ | | \= |
| | 2023 | | | 100 | $\frac{1}{4}$ + + $\frac{1}{4}$ | + + + + | 100 |
| 10 | If the point of diver | reion is a well: | | | <u> </u> | | 4 |
| 10. | (a) What are you | | the old well? | West 0 | <u></u> | adamlandanda | IIIIII O East |
| | (a) What are you | going to do with | the old well? | | Ē | | 1 |
| | CAP | | | | | | . ∄ |
| | (b) When will this | be done? | | 100 | 1 + 1 + 1 = | 1 + 1 + | 100 |
| | | | | | = - = | | /= |
| 11. | Groundwater Mana | agement District | recommendation attached | d? 200 | -141= | 1+1+ | 200 |
| | ☐ Y | ′es 🛚 No | | | | _ /_ | 3 |
| 12 | Assisted by MM/G | CEO | | | | | ELLLL. |
| 12. | Assisted by MINI/G | UFU | | 30 | | 100 200 Scale: 1 hashmo | 300 ark=10 ft |
| 13a | .If the proposed poi | nt of diversion w | ill be relocated more than | 300 | 3000 | . Scare. 1 masimi | |

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 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 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

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.)

| 14. If the proposed groundwater point of diversion is 300 or fewer feet from | the existing point of diversion, complete the following: |
|---|---|
| (a) Does the undersigned represent all owners of the currently authoriz ☐ Yes ☐ No (If no, all owners must sign this application) | |
| (b) Will the ownership interest of any owner of the currently authorize affected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this applicant of the currently authorized affected if the currently authorized affected in the currently authorized affected affected in the currently authorized affected in the currently authorized affected a | |
| (c) If this application is not approved expeditiously, will there be substa ☐ Yes ☐ No (If no, all owners must sign this application) | |
| If the application proposes a surface water change in point of diversion, a gr or a change in place of use, the application must be signed by all owners of agent (attach notarized statement authorizing representation). | |
| I hereby verify, being first duly sworn upon my oath or affirmati age and the owner, the spouse of the owner, or a duly authorize their behalf, in regards to the water right(s) to which this application are true, correct and complete. | d agent of the owner(s) to make this application or cation pertains. I further verify that the statements |
| Dated at, Kansas, this | 4 day of <u>wolcombon</u> , 20 33. |
| (Owner) | Agaretha neufuld |
| (Please Print) | Aganetha neuteld (Please Print) |
| (Owner) | (Spouse) |
| (Please Print) | (Please Print) |
| (Owner) | (Spouse) |
| (Please Print) | (Please Print) |
| State of Kansas County of State of Kansas SS TAMMY RA Notary Public - State of Kansas My Appt. Expires | 7 (A) |
| I hereby certify that the foregoing application was signed in my of, 20 | presence and sworn to before me this day |
| | 1 danues |
| My Commission Expires 7 39 3034 | Notary Public |
| ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the accurate information; maps, if necessary, must be included; signatures of all the appropriate fee must be paid. | |
| FEE SCHEDULE | • |
| Each application to change the place of use or the point of diversion under the forth in the schedule below: Make checks payable to: Kansas Department (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 feet (3) Application to change the place of use | of Agriculture |
| | |

Page 3

DWR 1-121 (Revised 09/11/2019)

File No. _____

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. 12822 A change application was received on <u>lecember 15, 2022</u> 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. 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 radius of the authorized point(s) of diversion. 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 The point(s) of diversion authorized herein shall not actually be located more than authorized point(s) of diversion. Applicable \(\subseteq \) Applicable \(\subseteq \) Not Applicable 2640 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 Applicable ☐ Not Applicable The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 20 3., 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 Installation of the works for diversion of water shall be completed on or before December 31, 20 _____, or within any authorized extension of time. By March 1, 20 ____ the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. **Applicable** ☐ Not Applicable 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** \square 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. FOR OFFICE USE ONLY Administrative Appeal and Effective Date of Order APPLICATION APPROVED AND If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief SUMMARY ORDER ISSUED 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 Duly Authorized Designee of the Chief Engineer 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 Austin McCollock (Print Name): Division of Water Resources - Kansas Department of Agriculture Date of Issuance: 103 66502. Failure to timely request a hearing or review may State of Kansas preclude review under the Kansas Judicial Review Act. SS For Use by Register of Deeds County of Acknowledged before me on Signature: JULIE JONES My commission expires: My Appointment Expires

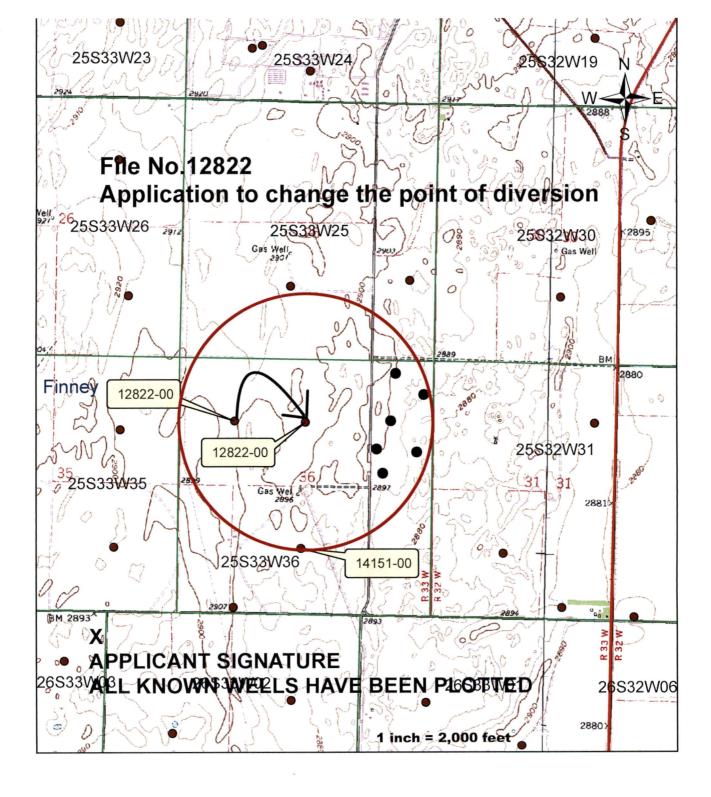
ADDITIONAL CONDITIONS TO SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND REMOVING CONDITIONS, Water Right, File No. 12,822

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the following condition is removed as a condition of the approval of this application for change in point of diversion.

This order effectively removes the limitation in the authorized quantity of water, under Water Right, File No. 12,822, as set forth in the Approval of Application for Change in Point of Diversion dated on January 5, 2015.

| | By: Jahr Malla (Duly Authorized Designee of the Chief Engineer) |
|---------------------------|---|
| | (Print Name): Mostin Moldock Division of Water Resources Kansas Department of Agriculture |
| | Dated of Issuance: March 6, 2023 |
| State of Kansas)) SS | |
| County of Finney) | |
| Acknowledged before me on | the day of March, 2023 |
| By <u>Austin</u> m | 1c Collach |
| Signature Notary | Duk! |
| ~ | JULIE JONES My Appointment Expires Notatry Seal December 15, 2026 |

DWR 1-121 File No. _____12,822



1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2023

TRANQUILITY MADER 905 CRABAPPLE CT GARDEN CITY, KS 67846-8842

> RE: Application for Change Water Right, File No. 12822

Dear Sir or Madam:

This will acknowledge receipt of your comment dated January 4, 2023 in which you expressed comments concerning the applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under Water Right, File No. 12,822.

Your comments have been considered, and approval of the application if granted, will authorize diversion of water only when it does not impair existing rights. Should the diversion of water under these applications substantially impair your earlier rights, you should notify the field office in your area. The field office in your area is:

Division of Water Resources Garden City Field Office 4532 W. Jones Ave, Suite B Garden City, KS 67846 (620) 276-2901

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

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM:



1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2023

DRUSSEL INC Attn: GARY DRUSSEL 9585 SOUTH HANDS RD GARDEN CITY, KS 67846

> RE: Application for Change Water Right, File No. 12822

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Division of Water Resources Garden City Field Office 4532 W. Jones Ave, Suite B Garden City, KS 67846 (620) 276-2901

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

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM:

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



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

Mike Beam, Secretary

Laura Kelly, Governor

February 28, 2023

FRANCIS A & JADA LOBMEYER 950 PONDEROSA CT GARDEN CITY, KS 67846-8825

> RE: Application for Change Water Right, File No. 12822

Dear Sir or Madam:

This will acknowledge receipt of your comment dated January 6, 2023 in which you expressed comments concerning the applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under Water Right, File No. 12,822.

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> Division of Water Resources Garden City Field Office 4532 W. Jones Ave, Suite B Garden City, KS 67846 (620) 276-2901

> > Sincerely,

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

> Austin J. McColloch Assistant Water Commissioner

AM:





Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street

Garden City, Kansas 67846 (620) 275-7147 phone www.gmd3.org

February 22, 2023

RECEIVED

FEB 2 2 2023

Austin McColloch Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

Garden City Field Office Division of Water Resources

RE:

Application for Change in Point of Diversion

Water Right, File No. 12822

Dear Austin:

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 in the area. At this time, we have not received any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. 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).: 12822.

DWR office: GC.

App filed to change: PD .

Is Landowner(s) correct in WRIS: Sandhill Enterprises LLC.

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) __ being changed.

| | ft. North | ft. West | |
|----------------------|-----------|----------|--------------------|
| Authorized PD | 3944 | 4126 | ID 02 |
| Proposed PD | 3958 | 2667 | ID 01 |
| Difference | -14 | 1459 | |
| a2 + b2 = c2 | 196 | 2128681 | 1459.067 foot move |

GPS for proposed PD: Lat: __ Long:__.

Is proposed PD stacking on existing WRs? <u>Moving authority for the full WR onto one</u> PD.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: __.

Name <u>D&D Farms</u> (14151, 23166).

Address 13060 Co Road 20.

Zip Garden City, KS 67846.

Email: kleysteuberandgillen@gmail.com Phone: 620-272-6552.

Name Rocking T Ranch LLC (14913).

Address 2670 D Road.

Zip Rising City, NE 68658.

Email: ginargigot@gmail.com Phone: 620-640-3309.

Name J&C Lightner (15961).
Address 8955 S US Highway 83.
Zip Garden City, KS 67846.

Email: johnlightner48@gmail.com Phone: 620-290-8855.

Name <u>Larry Johnston</u> (22535, 30565).

Address 9675 S US Highway 83. Zip Garden City, KS 67846.

Email: johnston@wbsnet.org Phone: 620-276-6397.

GMD3 Change Review

| Domestic | well(s) notified: |
|------------|---|
| Name | Brenda E Flores-Martinez. |
| Address | 161 Shamrock St. |
| Zip | Garden City, KS 67846. |
| | |
| Name | Tranquility Mader. |
| Address | 905 Crabapple Ct. |
| Zip | Garden City, KS 67846. |
| Name | James F & Cheryl K Roach. |
| Address | 5733 N Saint Clair St. |
| Zip | Wichita, KS 67204. |
| P | |
| Name | Francis A & Jada Lobmeyer. |
| Address | 950 Ponderosa Ct. |
| Zip | Garden City, KS 67846. |
| Name | Patricia G Aguilar. |
| Address | 945 Mimosa Ct. |
| Zip | Garden City, KZS 67846. |
| | |
| Name | J Jesus Feliz-Vera. |
| Address | 905 Sandplum Ct. |
| Zip | Garden City, KS 67846. |
| Base Acre | s: . |
| Perfected | |
| | -Flow% |
| | horized 332AF @ 885gpm |
| | horized 76AF @ 880gpm |
| | limited to 374AF combined at current locations |
| Proposed | combining the authority on to the ID 01 well |
| Is a waive | needed: Move is less than half mile. Minimum spacing to neighboring |
| | ars to be met. Analysis did not show any critical wells in the area. DWR has |
| | oncerns from neighboring wells |
| Recomme | ndation: After review of all available information, it appears current area rules |

are met. Staff understands that DWR has received comments from neighboring wells. At this time our office has not. Our analysis shows possible effects within guidelines and no

critical wells. Unless, different information is presented, staff would recommend

GMD3 Change Review

approval of the applications. If new information is presented, we would be happy to review the application again..

IM

Water Rights and Points of Diversion Within 1 mile of point defined as:
3958 Feet N and 2667 Feet W of the Southeast Corner of Section 36 Twp 25S Rng 33W
Located at: 100.892870 West Longitude and 37.840544 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 |
| Unit | | | | | | | | | | | | | | | | | | |
| A | 12822 | 00 | IRR | NK | G* | 5Tuc | K. 799 | | | NC | N2 | 3958 | 2667 | 36 | 25 | 33W | 1 | 332.00 298.00 |
| AF | | | | | | | 00 2 | 14: | 5 | PD | T | • | | | | | | |
| Same | | | | | | , | | | | | | | 4126 | . 36 | 25 | 33W | 2 | 76.00 76.00 |
| AF | | | | | | | | / | | | | | | | | | | |
| A | 14151 | 00 | IRR | NK | G | | 2609 | | | NC | S2 | 1350 | 2640 | 36 | 25 | 33W | 5 | 2:00 260.00 260.00 |
| AF | | | | | | | | | | | | | | | | | | • • |
| Same | | | | | | | 4739 | | | NC | SE | 1320 | 1310 | 35 | 25 | 33W | 1 | 260.00 260.00 |
| AF | | | | | | | | | | | | | | - | | | | { |
| A | 14913 | 00 | IRR | NK | G | | 3857 | 4- | NW | SE | NE | 3720 | 1223 | 35 | 25 | 33W | 6 | 266.00 266.00 |
| AF | | | | | | | | | | | | | | | | | | |
| Same | | | | | | | 4510 | | NW | SE | SE | 1197 | 1106 | 26 | 25 | 33W | 6 | 266.00 266.00 |
| AF | | | | | | | | | | | | | | | | | | ĺ |
| A | 15961 | 00 | IRR | NK | G | | 4923 | / | | NC | SW | 1320 | 3730 | 31 | 25 | 32W | 5 | 252.00 252.00 |
| AF | | | | | | | | | | | | | | | | | | 1 |
| A | 22535 | 00 | IRR | NK | G | | 3949 | <u></u> | | | | 1620 | 5250 | 30 | 25 | 32W | 5 | 260.00 260.00 |
| AF | | | | | | | | | | | | | | | | | | |
| A | 23166 | 00 | IRR | NK | G | | 4112 | - - | SE | SW | SW | 100 | 4100 | 36 | 25 | 33W | 4 | 116.00 116.00 |
| AF | | | | | | | | _ | | | | | | | | | | 3 |
| A | 30565 | 00 | IRR | NK | G | | 2814 | | SE | NE | SW | 1440 | 3000 | 25 | 25 | 33W | 2 | 23≈ 638.00 638.00 |
| AF | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Total | Net Qu | ant | titie | es A | luth | oriz | ed: | Dia | ect | t | | Sto | rage | | n | | | |
| Total | Reques | te | d Amo | ount | (7 | (F) = | | | .00 |) | | | .00 | | 11 | n r | rui | m spacing |
| Total | Permit | tec | d Amo | ount | . (7 | (F) = | | | .00 | 0 | | | .00 | | | 1 | | , , |
| Total | Inspec | tec | d Amo | ount | (7 | AF) = | | | .00 | 0 | | | .00 | | 1 | 6: | ce. | m Spacing |
| Total | Pro_Ce | ert | Amo | ount | . (<i>I</i> | AF) = | | | .00 | | | | .00 | | | 11 | , | |
| Total | Certif | ie | d Amo | ount | (7 | AF) = | - 2 | 2692 | 2.00 |) | | | .00 | | | | | |
| Total | Vested | ł | Amo | ount | . (Z | AF) = | | | .00 |) | | | .00 | | | | | |
| TOTAL | MOUNT | | | | (2 | AF) = | - 2 | 2692 | 2.00 |) | | | .00 | | | | | |
| 7 m * | after t | ho | 60111 | | o.f | aunn' | 1., in | 11 ~- | | | | | nnlias | + : | | . aha | 200 | under the file number |

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.

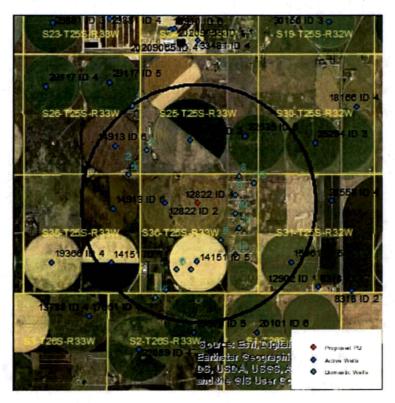
Water Rights and Points of Diversion Within 1 mile of point defined as:
3958 Feet North and 2667 Feet West of the Southeast Corner of Section 36 Twp 25S Rng 33W
Located at: 100.892870 West Longitude and 37.840544 North Latitude
Both SURFACE WATER and GROUNDWATER
WATER USE CORRESPONDENTS:

File Number Use ST SR
> SANDYHILL ENTERPRISES LLC
> PO BOX 1005
> HOLCOMB KS 67851
> D & D FARMS
> 13060 CO ROAD 20 | L// G |
> GARDEN CITY KS 67846
> ROCKING T RANCH LLC
> 2670 D RD

| > RISING CITY NE 68658 | |
|------------------------|-------|
| > | |
| > J & C LIGHTNER | |
| > | 10/1 |
| > 8955 S US HIGHWAY 83 | 19961 |
| > GARDEN CITY KS 67846 | |
| > | |
| > LARRY JOHNSTON | |
| > | - (25 |
| > 9675 S US HIGHWAY 83 | 22535 |
| > GARDEN CITY KS 67846 | |
| > | |
| > D & D FARMS | |
| > | |
| > 13060 CO ROAD 20 | 23166 |
| > GARDEN CITY KS 67846 | |
| > | |
| > LARRY JOHNSTON | |
| > | 15 |
| > 9675 S US HIGHWAY 83 | 30565 |
| > GARDEN CITY KS 67846 | |
| > | |

Evaluation of proposed move for Water Right No. 12822

Proposed: Move water right no. 12822 ID2 to the well location currently authorized under 12822 ID1 and combine authorities.



Wells within 1 mile: 14913 ID6 in section 26, 14916 ID6 in section 35, 30565, 22535, 14151 ID1, 14151 ID5, 23166, 15961, and 14 domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 232 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

S = 0.1442, T = 13,685 ft²/day,

ID1: $tp_{current} = 120 \text{ days (assumed)}$, $Q_{current} = 546 \text{ gpm (based on average use and assumed time operated)}$, $tp_{proposed} = 155 \text{ days}$, $Q_{proposed} = 546 \text{ gpm}$

ID2: $tp_{current} = 120 \text{ days (assumed)}$, $Q_{current} = 99 \text{ gpm (based on average use and assumed time operated)}$, $tp_{proposed} = 0 \text{ days}$, $Q_{proposed} = 0 \text{ gpm}$

Theis drawdowns were calculated as follows:

14913 ID6 S26:

Drawdown from current location = 1.49 ft

Drawdown from proposed location = 1.55 ft

Net drawdown = 0.1 ft

Drawdown from proposed location = 1.70 ft

Net drawdown = 0.0 ft

30565: Drawdown from current location = 1.95 ft

Drawdown from proposed location = 2.02 ft

Net drawdown = 0.1 ft

22535: Drawdown from current location = 1.64 ft

Drawdown from proposed location = 1.76 ft

Net drawdown = 0.1 ft

14151 ID1: Drawdown from current location = 1.45 ft

Drawdown from proposed location = 1.51 ft

Net drawdown = 0.1 ft

14151 ID5: Drawdown from current location = 2.03 ft

Drawdown from proposed location = 2.11 ft

Net drawdown = 0.1 ft

23166: Drawdown from current location = 1.56 ft

Drawdown from proposed location = 1.64 ft

Net drawdown = 0.1 ft

15961: Drawdown from current location = 1.35 ft

Drawdown from proposed location = 1.48 ft

Net drawdown = 0.1 ft

Domestic 1: Drawdown from current location = 1.35 ft

Drawdown from proposed location = 1.43 ft

Net drawdown = 0.1 ft

Domestic 2: Drawdown from current location = 1.83 ft

Drawdown from proposed location = 1.83 ft

Net drawdown = 0.0 ft

Domestic 3: Drawdown from current location = 1.84 ft

Drawdown from proposed location = 1.87 ft

Net drawdown = 0.0 ft

Domestic 4: Drawdown from current location = 1.84 ft

Drawdown from proposed location = 1.84 ft

Net drawdown = 0.0 ft

Domestic 5: Drawdown from current location = 2.37 ft

Drawdown from proposed location = 2.46 ft

Net drawdown = 0.1 ft

Domestic 6: Drawdown from current location = 1.86 ft

Drawdown from proposed location = 1.92 ft

Net drawdown = 0.1 ft

Domestic 7: Drawdown from current location = 1.90 ft

Drawdown from proposed location = 1.97 ft

Net drawdown = 0.1 ft

Domestic 8: Drawdown from current location = 2.19 ft

Drawdown from proposed location = 2.31 ft

Net drawdown = 0.1 ft

Domestic 9: Drawdown from current location = 2.50 ft

Drawdown from proposed location = 2.60 ft

Net drawdown = 0.1 ft

Domestic 10: Drawdown from current location = 2.48 ft

Drawdown from proposed location = 2.58 ft

Net drawdown = 0.1 ft

Domestic 11: Drawdown from current location = 2.21 ft

Drawdown from proposed location = 2.33 ft

Net drawdown = 0.1 ft

Domestic 12:

Drawdown from current location = 1.91 ft

Drawdown from proposed location = 2.02 ft

Net drawdown = 0.1 ft

Domestic 13:

Drawdown from current location = 1.97 ft

Drawdown from proposed location = 2.10 ft

Net drawdown = 0.1 ft

Domestic 14:

Drawdown from current location = 1.46 ft

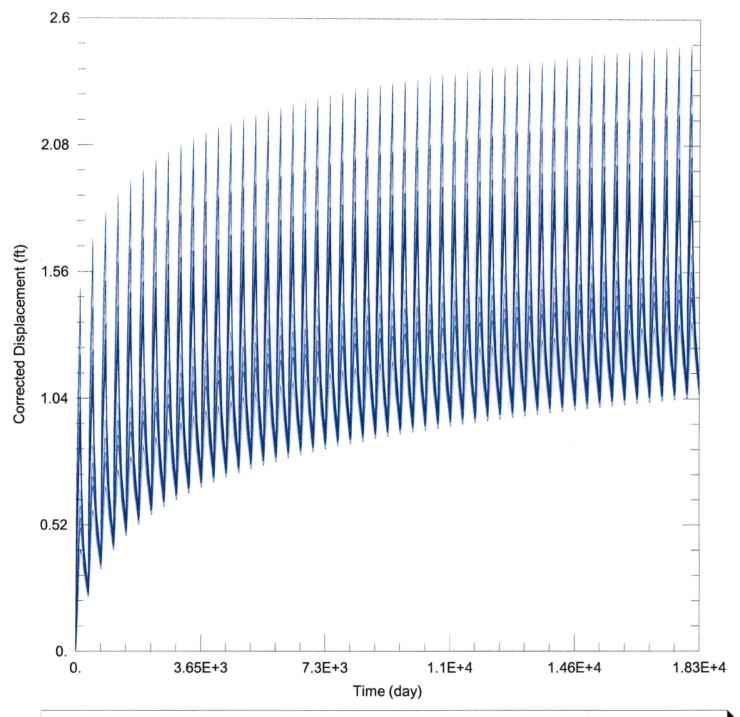
Drawdown from proposed location = 1.54 ft

Net drawdown = 0.1 ft

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.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023_moves\12822\12822 Current.aqt

Date: 02/14/23 Time: 16:53:35

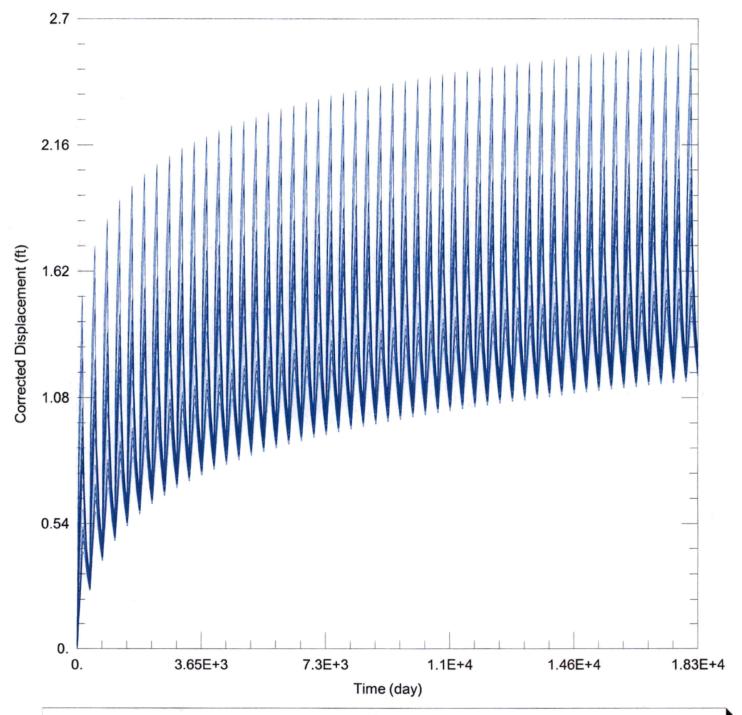
PROJECT INFORMATION

Company: GMD 3 Project: 12822

Location: Finney County

WELL DATA

| F | Pumping Wells | | Observation Wells | | | | | | | |
|-----------|---------------|------------|-------------------|--------|------------|--|--|--|--|--|
| Well Name | X (ft) | Y (ft) | Well Name | X (ft) | Y (ft) | | | | | |
| 12822 ID1 | -26974 | 351577 | О | -26974 | 351577 | | | | | |
| 10000 100 | 20150 | ~= . = = = | | 20.100 | ~= . = = = | | | | | |



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: GMD 3 Project: 12822

Location: Finney County

WELL DATA

| sF | Pumping Wells | | Obser | vation Wells | |
|-----------|---------------|--------|-----------|--------------|--------|
| Well Name | X (ft) | Y (ft) | Well Name | X (ft) | Y (ft) |
| 12822 ID1 | -26974 | 351577 | 0 | -26974 | 351577 |
| | | | | ~~~ | |

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

February 6, 2023

GROUNDWATER MANAGEMENT DISTRICT #3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re:

Request for Recommendation,

File No. 12822

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Sandyhill Enterprises and appears to be in proper form, for your review.

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 (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Austin McColloch

Assistant Water Commissioner

Enclosure

Theis evaluation of proposed change in point of diversion, File No. 12822

A 50-year Theis analysis was used to evaluate the potential increase in dynamic drawdown as a result of the proposed reallocation of the quantity of 76 acre-feet (AF) at a rate of 850 gallons per minute (gpm) currently authorized by File No. 12822 ID2 to the well currently authorized by File No. 12822 ID1. The change proposes reallocating the authorized quantity approximately 14 feet North and 1,459 feet East of the currently authorized location (Figure 1).

The GMD No. 3 groundwater model was used for a projected future (2068) saturated thickness (116.9 ft). The average of model cells located within Township 25 South, Range 32 West, Sections 30, and 31; Township 25 South, Range 33 West, Sections 25, 26, 35, and 36; Township 26 South, Range 33 West, Sections 1, and 2 was used.

The transmissivity was estimated based on lithological logs from the Kansas Geological Survey's Water Well Completion Records Database (WWC5). WWC5 records within 1 mile of the proposed point of diversion were used. Records that were within that area, but did not include lithological data, were not drilled to bed rock, or had poor lithological descriptions were excluded. Hydraulic conductivity assumptions were based on the calibrated values used for the GMD No. 3 groundwater model (Figures 2 and 3). In all, nine lithological logs were evaluated (Figure 4-5, Tables 1-9), with an average transmissivity of 5,125 square feet per day. An assumed specific storage of 1×10⁻⁵ and the projected saturated thickness was used to determine the assumed storativity of 0.00117.

Drawdown was evaluated at 4 nearby domestic wells of KGS#'s 432522, 432519, 432523, and 432514 in section 25S-33W-36 and 1 nearby existing well authorized by File No. 14151 ID5 (Tables 10-14). The drawdown from the well authorized by File No. 12822 ID1 at the proposed pumping rate and quantity was compared to the total historic drawdown from the two wells authorized by the File Nos. 12822 ID1 and 12822 ID2 at their respective historic rates and quantities. A quantity of 408 AF at a rate of 1735 gpm was used for File No. 12822 ID1, and the average historic uses for both File Nos. 12822 ID2 and 12822 ID1 (52.3 AF and 289.8 AF respectively, 2012-2020) at their most recent pumping rates (225 gpm and 490 gpm respectively) were used. The maximum net drawdown occurred at the domestic well KGS#432522. The net drawdown at that distance was 15.9 feet, or 13.6% of the projected future saturated thickness (Table 14).

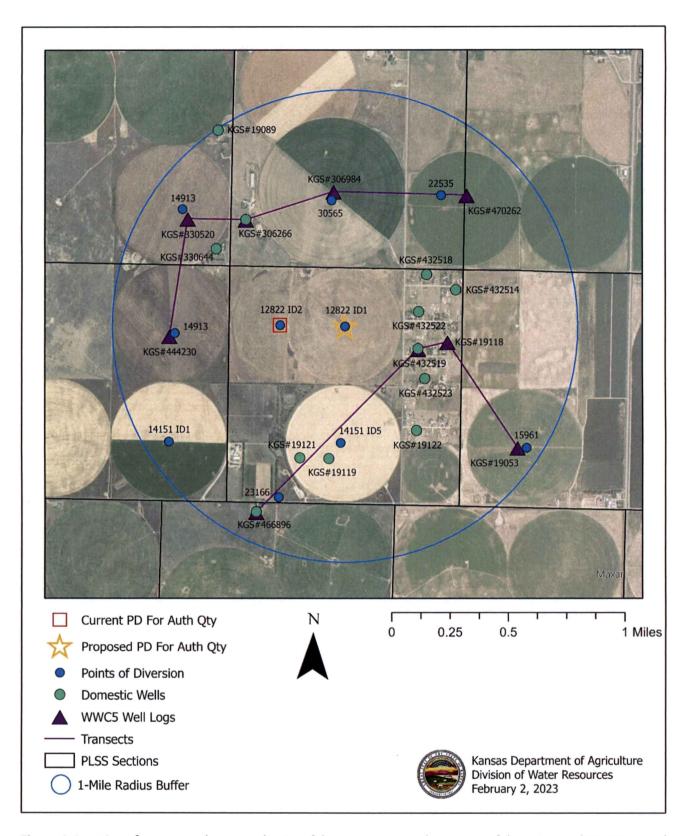


Figure 1: Location of current and proposed point of diversion, surrounding points of diversion, and WWC5 records

| Synonymy | Lithology | Synonymy | Lithology | Synonymy | Lithology |
|----------|-----------------------------|----------|--------------------------------------|----------|----------------------------------|
| sh | Shale | sc | Sandy Clay or Silty Sand | fand | Fine Sand |
| c | Clay | fds | Fine Sandy Silt | fingsnd | Fine to Medium Sand |
| coal | Coal | fmds | Fine to Medium Sandy Silt | fmand | Fine to Medium Sand |
| br | Bedrock | forsds | Fine to Coarse Sandy Silt | snd | Sand |
| rb | Red Bed | ds | Sandy Silt | fersand | Fine to Coarse Sand |
| r | Rock | mds | Medium Sandy Silt | msnd | Medium Sand |
| sst | Siltstone | gc | Gravelly Clay | mcrssnd | Medium to Coarse Sand |
| ca | Limestone/caliche | mcrsds | Medium to Coarse Sandy Silt | cg | Clayey Gravel |
| 0 | Overburden | crsds | Coarse Sandy Silt | crssnd | Coarse Sand |
| ts | Topsoil | cesd-cg | Cemented Sand and/or Gravel | sg | Silty Gravel |
| fs | Fine Silt | fss | Fine Silty Sand | fsdg | Fine Sand and Gravel |
| fsc | Fine Sandy Clay | fmss | Fine to Medium Silty Sand | fmsdg | Fine to Medium Sand and Gravel |
| fmsc | Fine to Medium Sandy Clay | SS | Silty Sand | msdg | Medium Sand and Gravel |
| m | Marl or Ochre | mss | Medium Silty Sand | sdg | Sand and Gravel |
| msc | Medium Sandy Clay | forses | Fine to Coarse Silty Sand | fcrssdg | Fine to Coarse Sand and Gravel |
| S | Silt | mcrsss | Medium to Coarse Silty Sand | mcrssdg | Medium to Coarse Sand and Gravel |
| crssc | Coarse Sandy Clay | crsss | Coarse Silty Sand | crssdg | Coarse Sand and Gravel |
| fcrssc | Fine to Coarse Sandy Clay | u | Unknown (most likely unintelligible) | fg | Fine Gravel |
| mcrssc | Medium to Coarse Sandy Clay | | | fmg | Fine to Medium Gravel |
| | | | | fcrsg | Fine to Coarse Gravel |
| | | | | fcrssg | Fine to Coarse Gravel |
| | | | | g | Gravel |
| | | | | mg | Medium Gravel |
| | | | | mcrsg | Medium to Coarse Gravel |
| | | | | crsg | Coarse Gravel |

Figure 2: Synonymy codes and lithology descriptions. Source: KGS OFR 2010-18

| Synonymy | K | SY | Synonymy K (f | t/d) Sy | Synonymy | K (ft/d) | Sy |
|----------|---------|------|---------------|---------|----------|----------|------|
| sh | 0.00004 | 0.05 | sc 4. | | fsnd | 15 | 0.24 |
| C | 0.00004 | 0.05 | fds 4. | 4 0.08 | fmgsnd | 15 | 0.24 |
| coal | 0.00004 | 0.05 | fmds 4. | 4 0.08 | fmsnd | 15 | 0.24 |
| br | 0.00004 | 0.05 | fcrsds 4. | 4 0.08 | snd | 63 | 0.24 |
| rb | 0.00004 | 0.05 | ds 4. | 4 0.08 | fcrssnd | 63 | 0.24 |
| r | 0.00004 | 0.05 | mds 4. | 4 0.08 | msnd | 63 | 0.24 |
| sst | 0.00004 | 0.05 | gc 4. | 4 0.08 | mcrssnd | 63 | 0.24 |
| ca | 0.0001 | 0.08 | mcrsds 4. | 4 0.08 | cg | 63 | 0.24 |
| 0 | 0.0001 | 0.08 | crsds 4. | 4 0.08 | crssnd | 63 | 0.29 |
| ts | 0.0001 | 0.08 | cesd-cg 14 | .5 0.16 | sg | 63 | 0.29 |
| fs | 0.0001 | 0.08 | fss 14 | .5 0.16 | fsdg | 299 | 0.29 |
| fsc | 0.0001 | 0.08 | fmss 14 | .5 0.16 | fmsdg | 299 | 0.29 |
| fmsc | 0.0001 | 0.08 | ss 14 | .5 0.16 | msdg | 299 | 0.29 |
| m | 0.0001 | 0.08 | mss 14 | .5 0.16 | sdg | 299 | 0.29 |
| msc | 0.0001 | 0.08 | fcrsss 14 | .5 0.16 | fcrssdg | 299 | 0.29 |
| S | 0.0001 | 0.08 | mcrsss 14 | .5 0.16 | mcrssdg | 299 | 0.29 |
| crssc | 0.0001 | 0.08 | crsss 14 | .5 0.16 | crssdg | 299 | 0.29 |
| fcrssc | 0.0001 | 0.08 | u 14 | .5 0.16 | fg | 299 | 0.29 |
| mcrssc | 0.0001 | 0.08 | | | fmg | 299 | 0.29 |
| | | | | | fcrsg | 299 | 0.29 |
| | | | | | fcrssg | 299 | 0.29 |
| | | | | | g | 299 | 0.29 |
| | | | | | mg | 299 | 0.29 |
| | | | | | mcrsg | 299 | 0.29 |
| | | | | | crsg | 299 | 0.29 |

Figure 3: Calibrated hydraulic conductivity values. Source: KGS OFR 2010-18

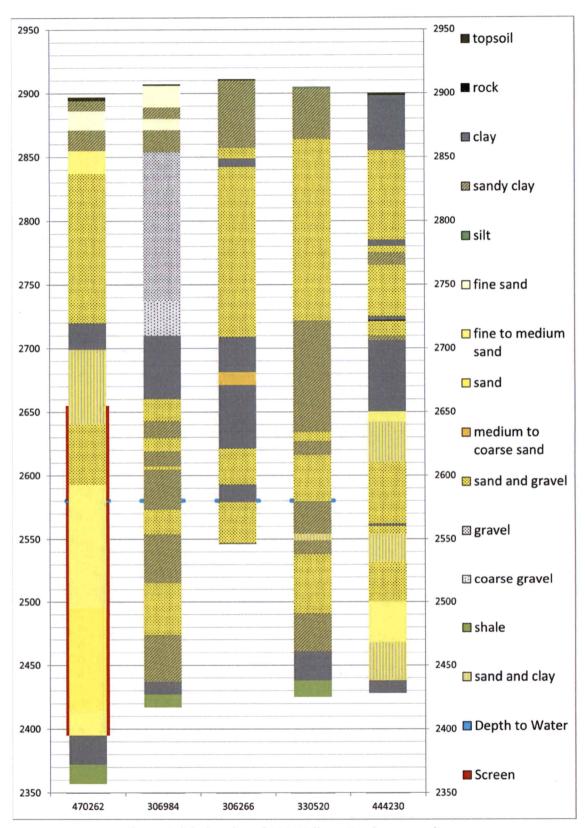


Figure 4: lithology log of KGS Wells on North transect line

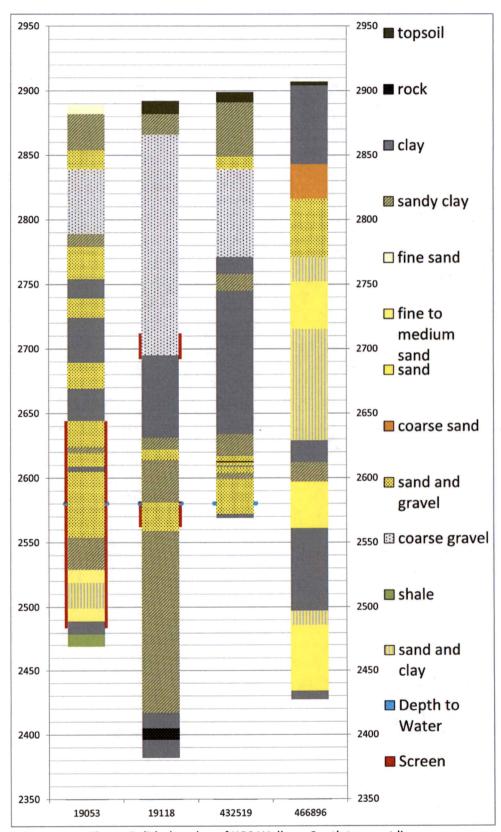


Figure 5: lithology log of KGS Wells on South transect line

Table 1: Lithology, KGS Well ID 330520

| Table 1: Lithology, KGS Well IL | 330320 | | | | | |
|---------------------------------|------------|---------------------|--------------|----------------|--|--|
| | | | Saturated | | | |
| | Synonymy | | Thickness | Transmissivity | | |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) | | |
| silt | | | | | | |
| sandy clay | | | | | | |
| sand gravel clay | | | | | | |
| sand gravel clay | | | | | | |
| sand gravel clay | | | | | | |
| sandy clay sand | | Above water surface | | | | |
| sandy clay clay sand | | | | | | |
| sandy clay clay sand | | | | | | |
| sand fine gravel clay | | | | | | |
| sandy clay | | | | | | |
| sand fine gravel clay | | | | | | |
| sandy clay sand | sc, snd | 60, 40 | 26 | 723.8 | | |
| sand rock clay | snd, r | 50, 50 | 5 | 157.5 | | |
| sandy clay | sc | 100 | 11 | 48.4 | | |
| sand fine gravel clay | snd, fg, c | 50, 30, 20 | 47 | 5696.4 | | |
| sandy clay clay sand | sc, c, snd | 50, 30, 20 | 30 | 444.0 | | |
| clay caliche sandstone | c, ca, ds | 50, 30, 20 | 23 | 20.2 | | |
| shale clay | sh | 100 | 13 | 0.0 | | |
| | | Total Trai | nsmissivity: | 7090.4 | | |

Table 2: Lithology, KGS Well ID 306984

| Table 2: Littlology, Kd3 Well ID 3009 | | | Saturated | |
|---------------------------------------|-----------|-------------|-----------------|----------------|
| | Synonymy | + | Thickness | Transmissivity |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) |
| top soil | | | | |
| fine sand | 1 | | | |
| brown sandy clay | 1 | | | |
| fine sand – loose | 1 | | | |
| brown sandy clay | | | u. | |
| medium coarse gravel – 10% clay – | 1 | | | |
| loose | | | | |
| coarse gravel | | A h a | | |
| blue clay | | Above | water surface | |
| blue clay – small gravel streak | | | | |
| fine to medium sand and gravel – | | | | |
| clay streak | | | | |
| brown sandy clay | | | | |
| fine to medium sand and gravel | | | | |
| brown sandy clay | | | | |
| fine to medium sand and gravel | | | 1 1 2 % 4 | |
| brown sandy clay | sc | 100 | 7 | 30.8 |
| fine to medium sand and gravel | fmsnd, g | 60, 40 | 19 | 2443.4 |
| brown sandy clay | sc | 100 | 18 | 79.2 |
| brown sandy clay – 10% gravel | | | | |
| streak | sc, g | 90, 10 | 21 | 711.1 |
| fine to medium sand and gravel – | | | | |
| loose | fmsnd, g | 60, 40 | 15 | 1929.0 |
| fine to medium sand and gravel – | | | | |
| 10% clay | fmsnd, c | 60, 30, 10 | 26 | 2566.2 |
| brown sandy clay – small streak of | sc, cesd- | | | |
| cemented sand | cg | 90, 10 | 37 | 200.2 |
| yellow clay – small strip of | | | | |
| sandstone | c, ds | 90, 10 | 10 | 4.4 |
| yellow clay and shale | С | 100 | 10 | 0.0 |
| | | Total | Transmissivity: | 7964.2 |

Table 3: Lithology, KGS Well ID 306266

| Table 3: Lithology, KGS Well ID 30620 | JU | | | | |
|---------------------------------------|------------------------------|-------------|-----------|----------------|--|
| | | | Saturated | | |
| | Synonymy | | Thickness | Transmissivity | |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) | |
| top soil | | | | | |
| brown sandy clay |] | | | | |
| coarse sand and gravel | | | | | |
| brown clay | | | | | |
| coarse sand and gravel | | | | | |
| brown clay | Above water surface | | | | |
| clue clay | Above water surface | | | | |
| brown clay | | | | | |
| medium to coarse sand | | | | | |
| blue clay | | | | | |
| brown clay | | | | | |
| medium to coarse sand and gravel | | | | | |
| brown clay | С | 100 | 1 | 0.0 | |
| medium to coarse sand and gravel | mcrssnd, g | 60, 40 | 32 | 5036.8 | |
| brown clay | С | 100 | 1 | 0.0 | |
| | Total Transmissivity: 5036.8 | | | | |

Table 4: Lithology, KGS Well ID 470262

| Table 4: Lithology, KGS Well ID 4702 | 62 | | | |
|--------------------------------------|--------------|-------------|--------------|----------------|
| | | | Saturated | |
| | Synonymy | | Thickness | Transmissivity |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) |
| surface | | | | |
| brown sandy clay | 1 | | | |
| fine sand | 1 | | | |
| brown sandy clay, caliche strips | 1 | | | |
| fine to medium coarse sand, loose | 1 | | | |
| fine to medium coarse, large sand, | 1 | | | |
| small medium some large gravel, | | | | |
| loose | | | | |
| fine to medium coarse sand, small | 1 | | | |
| gravel, loose | | Abovo | tor curfoco | |
| fine to medium coarse sand, some | | Above wa | ater surface | |
| large sand, small medium large | | | | |
| gravel, loose | | | | |
| brown clay sand strips | 1 | | | |
| fine to medium coarse sand, clay | 1 | | | |
| strips, fairly loose | | | | |
| fine to medium sand, clay strips, | | | | |
| 45%, fairly loose | | | | |
| fine to medium coarse sand, some | | | | |
| gravel, loose | | | k * | |
| fine to medium sand, limestone | | | | |
| streaks, thin clay, loose | fmsnd, ca, c | 70, 15, 15 | 4 | 42.0 |
| fine to medium coarse sand, few | fmsnd, | | | |
| large sand, loose | crssnd | 90, 10 | 39 | 772.2 |
| fine to medium sand, limestone | | | | |
| strips, thin clay, fairly loose | fmsnd, ca, c | 70, 15, 15 | 42 | 441.0 |
| fine to medium and some coarse | fmsnd, | | | |
| sand, loose | crssnd | 60, 40 | 80 | 2736.0 |
| fine to medium sand, few coarse, | fmsnd, | | | |
| loose | crssnd | 80, 20 | 20 | 492.0 |
| multicolor clay, yellow clay, gray | | | | |
| shale | С | 100 | 23 | 0.0 |
| weathered shale, very few | A | | | |
| sandstone | sh, ds | 90, 10 | 15 | 6.6 |
| | | Total Tra | nsmissivity: | 4489.8 |

Table 5: Lithology, KGS Well ID 444230

| Table 5: Lithology, KGS Well ID 44423 | 50 | | Saturated | |
|--|--------------|-------------|--------------|----------------|
| | Synonymy | , | Thickness | Transmissivity |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) |
| topsoil | | | | |
| brown clay |] | | | |
| coarse sand small-large gravel few | 1 | | | |
| brown clay streaks | | | | |
| brown clay, few loose sand streaks | | | | |
| coarse sand, small gravel | 1 | | | |
| sandy brown clay |] | | | |
| coarse sand, small gravel | | | | |
| brown clay, gypsum | 1 | | | |
| hard gypsum ledge |] | | | |
| coarse sand, small gravel |] | | | |
| brown sandy clay |] | Above wa | iter surface | |
| blue clay | 1 | | | |
| fine to medium sand |] | | | |
| blue clay, few medium sand streaks | | | | |
| fine-coarse sand, few brown clay | | | | |
| streaks | | | | |
| brown clay, medium coarse sand, | | | | |
| small gravel streaks | | | | |
| coarse sand small gravel few brown | | | | |
| clay streaks | | | | |
| medium-coarse sand, some small | | | | |
| gravel | | | | |
| medium-coarse sand few small | mcrssnd, fg, | | | |
| gravel small clay streak | С | 70, 20, 10 | 18 | 1870.2 |
| brown clay | С | 100 | 2 | 0.0 |
| coarse sand, small gravel | crssnd, fg | 60, 40 | 6 | 944.4 |
| brown clay medium -coarse sand | c, mcrssnd, | | | |
| small gravel streaks | fg | 50, 30, 20 | 16 | 1259.2 |
| fine-medium sand, brown clay | | | | |
| streaks | fmsnd, c | 80, 20 | 6 | 72.0 |
| medium-coarse sand small gravel | mcrssnd, fg, | | | |
| white broken rock chips | r | 60, 30, 10 | 26 | 3315.0 |
| medium-coarse sand small gravel | mcrssnd, fg, | | | |
| white broken rock chips | r | 60, 30, 10 | 6 | 765.0 |
| fine-medium sand few white | | | | |
| broken rock chips | fmsnd, r | 90, 10 | 32 | 432.0 |
| fine sand, brown clay streaks | fsnd, c | 80, 20 | 30 | 360.0 |
| hard brown clay | С | 100 | 10 | 0.0 |
| | | Total Trai | nsmissivity: | 9017.8 |

Table 6: Lithology, KGS Well ID 19118

| Table 6: Lithology, NGS Well ID 1911 | 1 | | | |
|--------------------------------------|----------|-------------|--------------|----------------|
| | | | Saturated | |
| | Synonymy | | Thickness | Transmissivity |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) |
| top soil fine sand | | | | |
| brown sandy clay | | | | |
| coarse gravel | | | | |
| brown clay |] | | | |
| blue clay |] | Above wa | ater surface | |
| brown sandy clay | | | | |
| fine to medium sand and gravel | | | | |
| 25% clay | | | | |
| brown sandy clay | | | | |
| fine to medium sand and gravel | fmsnd, g | 60, 40 | 21 | 2700.6 |
| brown sandy clay mixed white rock | sc, r | 60, 40 | 57 | 150.5 |
| brown sandy clay | sc | 100 | 85 | 374.0 |
| brown yellow clay mixed with | | | | |
| brown rock no good | С | 100 | 12 | 0.0 |
| brown rock tight no good | r | 100 | 9 | 0.0 |
| brown yellow clay hard | С | 100 | 14 | 0.0 |
| Total Transmissivity: 3. | | | | |

Table 7: Lithology, KGS Well ID 432519

| Table 7: Lithology, KGS Well ID 43253 | 19 | | | | | |
|--|---------------------|-------------|------------------------|----------------|--|--|
| | Synonymy | | Saturated Thickness | Transmissivity | | |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) | | |
| topsoil | | | | | | |
| brown sandy clay | | | | | | |
| fine to medium sand and gravel | | | | | | |
| (loose) | | | | | | |
| coarse gravel (loose) mixed with | | | | | | |
| rock | | | | | | |
| blue and gray clay | | | | | | |
| brown sandy clay | Above water surface | | | | | |
| blue clay (sticky) | | | | | | |
| brown sand clay and fine to | | | | | | |
| medium sand and gravel | | | | | | |
| fine to medium sand and gravel | | | | | | |
| (loose) | | | | | | |
| hard rock | | | | | | |
| fine to medium sand and gravel | | | | | | |
| (loose) | | | | | | |
| brown sandy clay | | | | | | |
| fine to medium sand and gravel | 9- | | | | | |
| (loose) mixed with real fine sand |] | | | | | |
| brown sandy clay | | | | | | |
| fine to medium sand and gravel | fmsnd, g | 60, 40 | 8 | 1028.8 | | |
| brown clay | С | 100 | 3 | 0.0 | | |
| | | Total Trai | nsmissivity: | 1028.8 | | |

Table 8: Lithology, KGS Well ID 19053

| Table 8: Lithology, KGS Well ID 1905: | , | | C-41 | |
|---------------------------------------|----------|-------------|--------------|----------------|
| | | | Saturated | |
| | Synonymy | l | Thickness | Transmissivity |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) |
| fine sand | | | | |
| brown sandy clay | | | | |
| medium coarse sand and gravel - | | | | |
| loose | | | | |
| medium and very coarse gravel - | | | | |
| loose | | | | |
| brown sandy clay | * | | | |
| medium coarse sand and gravel - | | | | |
| hard streak | | | | |
| blue clay - sand streak | | | | |
| fine medium sand and gravel - | | | | |
| loose | | Ahove wa | iter surface | |
| blue clay - hard streak | | Above we | iter surface | |
| fine medium and coarse sand and | | | | |
| gravel - loose | | | | |
| blue clay - small sand streak | | | | |
| fine medium coarse sand and | | | | |
| gravel - loose | | | | |
| brown sandy clay - sand streak | | | | |
| fine medium coarse sand and | | | | |
| gravel - 10% clay | | | | |
| fine medium coarse sand and | | | | |
| gravel - loose | | | | |
| brown and tan clay | | | | |
| fine medium coarse sand and | | | | |
| gravel - loose | fmsnd, g | 60, 40 | 26 | 3343.6 |
| brown sandy clay - small sand | Ser | | 0.00 | |
| streak | sc, snd | 80, 20 | 25 | 403.0 |
| fine medium coarse sand - small | | | | |
| streak white rock | fmsnd, r | 80, 20 | 10 | 120.0 |
| fine medium sand - 50% clay - loose | fmsnd, c | 50, 50 | 20 | 150.0 |
| fine medium sand - loose | fmsnd | 100 | 10 | 150.0 |
| brown and yellow clay | С | 100 | 10 | 0.0 |
| yellow clay and shale - hard | sh | 100 | 10 | 0.0 |
| | | Total Tra | nsmissivity: | 4166.6 |

Table 9: Lithology, KGS Well ID 466896

| Table 9: Lithology, KGS Well ID 4668 | 90 | | | | | |
|--------------------------------------|----------------------|-------------|-----------|----------------|--|--|
| | | | Saturated | | | |
| | Synonymy | | Thickness | Transmissivity | | |
| Driller's Description | Codes | Percentages | (Feet) | (feet²/day) | | |
| top soil | | 1 | | | | |
| clay | | | | | | |
| clay and sandy clay | Ah aya watar awfa sa | | | | | |
| coarse sand | | | | | | |
| coarse sand and small gravel | | | | | | |
| sand and clay streaks | Above water surface | | | | | |
| sand and sandy clay | | | | | | |
| blue clay and sand streaks | | | | | | |
| tan clay | 1 | | | | | |
| sandy clay | | | | | | |
| sand | snd | 100 | 19 | 1197.0 | | |
| clay and sandy clay | c, sc | 60, 40 | 64 | 112.6 | | |
| fine sand and clay streaks | fsnd, c | 80, 20 | 11 | 132.0 | | |
| sand and sandstone streaks | s, ds | 80, 20 | 52 | 2666.6 | | |
| pink clay and rock streaks | С | 100 | 7 | 0.0 | | |
| Total Transmissivity: 41 | | | | 4108.2 | | |

Table 10: Theis drawdown evaluated at File No. 14151 ID5; $T = 5,125 \text{ ft}^2/\text{day}$, S = 0.00117

| Scenario | Distance (FT) | Pump Rate (GPM) | Volume (AF) | Drawdown (FT) | Drawdown (%ST) |
|------------------------------|------------------|--------------------|----------------|------------------|-------------------|
| Proposed: File No. 12822 ID1 | 2607.7 | 1735.0 | 408.0 | 25.8 | 22.1% |
| Proposed: File No. 12822 ID2 | 2971.7 | 0.0 | 0.0 | 0.0 | 0.0% |
| Baseline: File No. 12822 ID1 | 2607.7 | 490.0 | 289.8 | 10.0 | 8.5% |
| Baseline: File No. 12822 ID2 | 2971.7 | 225.0 | 52.3 | 3.2 | 2.7% |
| | _ | | Net: | 12.7 | 10.9% |

Table 11: Theis drawdown evaluated at Domestic Well KGS#432514; T = 5,125 ft²/day, S = 0.00117

| Scenario | Distance (FT) | Pump Rate (GPM) | Volume (AF) | Drawdown (FT) | Drawdown (%ST) |
|------------------------------|------------------|--------------------|----------------|------------------|-------------------|
| Proposed: File No. 12822 ID1 | 2635.2 | 1735.0 | 408.0 | 25.7 | 22.0% |
| Proposed: File No. 12822 ID2 | 4059.4 | 0.0 | 0.0 | 0.0 | 0.0% |
| Baseline: File No. 12822 ID1 | 2635.2 | 490.0 | 289.8 | 9.9 | 8.5% |
| Baseline: File No. 12822 ID2 | 4059.4 | 225.0 | 52.3 | 2.7 | 2.3% |
| | | | Net: | 13.0 | 11.2% |

Table 12: Theis drawdown evaluated at Domestic Well KGS#432523; T = 5,125 ft²/day, S = 0.00117

| | Distance | Pump Rate | Volume | Drawdown | Drawdown |
|------------------------------|----------|-----------|--------|----------|----------|
| Scenario | (FT) | (GPM) | (AF) | (FT) | (%ST) |
| Proposed: File No. 12822 ID1 | 2155.0 | 1735.0 | 408.0 | 27.8 | 23.8% |
| Proposed: File No. 12822 ID2 | 3496.5 | 0.0 | 0.0 | 0.0 | 0.0% |
| Baseline: File No. 12822 ID1 | 2155.0 | 490.0 | 289.8 | 10.5 | 9.0% |
| Baseline: File No. 12822 ID2 | 3496.5 | 225.0 | 52.3 | 2.9 | 2.5% |
| | | | Net: | 14.3 | 12.3% |

Table 13: Theis drawdown evaluated at Domestic Well KGS#432519; T = 5,125 ft²/day, S = 0.00117

| Scenario | Distance (FT) | Pump Rate (GPM) | Volume (AF) | Drawdown (FT) | Drawdown (%ST) |
|------------------------------|------------------|--------------------|----------------|------------------|-------------------|
| Proposed: File No. 12822 ID1 | 1732.1 | 1735.0 | 408.0 | 30.1 | 25.7% |
| Proposed: File No. 12822 ID2 | 3177.4 | 0.0 | 0.0 | 0.0 | 0.0% |
| Baseline: File No. 12822 ID1 | 1732.1 | 490.0 | 289.8 | 11.2 | 9.6% |
| Baseline: File No. 12822 ID2 | 3177.4 | 225.0 | 52.3 | 3.1 | 2.6% |
| | | | Net: | 15.8 | 13.5% |

Table 14: Theis drawdown evaluated at Domestic Well KGS#432522; T = 5,125 ft²/day, S = 0.00117

| Scenario | Distance (FT) | Pump Rate (GPM) | Volume (AF) | Drawdown (FT) | Drawdown (%ST) |
|------------------------------|------------------|--------------------|----------------|------------------|-------------------|
| Proposed: File No. 12822 ID1 | 1704.5 | 1735.0 | 408.0 | 30.2 | 25.9% |
| Proposed: File No. 12822 ID2 | 3162.6 | 0.0 | 0.0 | 0.0 | 0.0% |
| Baseline: File No. 12822 ID1 | 1704.5 | 490.0 | 289.8 | 11.2 | 9.6% |
| Baseline: File No. 12822 ID2 | 3162.6 | 225.0 | 52.3 | 3.1 | 2.6% |
| | | | Net: | 15.9 | 13.6% |

KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

JAN 1 6 2015

<u>MEMORANDUM</u>

Garden City Field Office Division of Water Resources

TO: Files

DATE:

December 30, 2014

FROM: Leslie Ireland

RE:

Water Right

File No. 12,822

Justin Shaddix on behalf of Premier 4 Farms owner of the referenced file has completed an application for change in point of diversion. The application to change this irrigation right was received on January 27, 2014.

The referenced file received a notice of non-compliance in January 2014, but appears to be in good standing, as per K.S.A. 82a-718 and 82a-732. The submitted application appears to be complete per K.A.R. 5-5-2a.

Water Right, File No. 12,822, authorizes two (2) wells that have a combined total of 408 acre-feet (AF) at 1,735 gallons per minute (gpm) that has been assigned to each well. The East well (ID 1), near the center of the North Half (NC N½) is currently authorized 272 AF at 885 gpm, and the West well (ID 2) is near the center of the Northwest Quarter (NC NW¼) is authorized 136 AF at 850 gpm. The wells are located in Section 36, Township 25 South, Range 33 West, Finney County. The right is authorized to irrigate 204 acres from the two wells. There are no additional limitations, and the right is not located in a special use area.

The change proposes to shift quantity between the existing wells developed under the certificate for the referenced file. The proposal was modified after it was filed. The final request is to move 60 acre feet from the West to the East well. The applicant was assisted by Jason Norquest, Southwest Kansas Groundwater Management District No. 3. The well locations will be updated to their actual locations per compliance investigations completed in 2011. The change approval will update the description of the wells location, but the physical locations will not be altered.

The approval will result in the well with the actual location of 3,958 feet North and 2,667 feet West of the Southeast corner of Section 36, described near the center of the North Half (NC N½) to be increased from 272 to 332 AF, with the rate remaining at 885 gpm. The other well located at near the center of the Northeast Quarter (NE¼) at 3,944 feet North and 4,126 feet West of the Southeast corner of said section will go from 136 to 76 AF at 850 gpm. The total quantity will remain at 408 AF and rate at 1,735 gpm. The wells are approximately 1,460 feet apart, therefore the change meets the maximum distance of 2,640 feet as per K.A.R. 5-23-3(b); *Minimum well spacing requirements: high plains aquifer.*

The proposed quantities and rates from the wells appears to be reasonable as each quantity could be pumped in less than 100 days.

The wells will not be moving but the shift in quantity requires the well to well spacing for the East well to go from 1,600 to 1,900 feet. As the wells are more than 300 feet apart and there are other wells located to the East, a waiver of Part (a)(1) of K.A.R. 5-23-3, Well spacing, was requested by the owner.

There are two(2) irrigation wells and six(6) domestic wells located within one-half ($\frac{1}{2}$) mile of the applicants proposed existing well that will increase in quantity. The owners of these wells were sent written notice of the change. Brian Wilder who operates the nearby domestic wells called to discuss the change and the operation of the Windmill Estate wells. He indicated that they have two(2) wells per street that serve 10 houses. The distance to the nearest domestic well would appear to be approximately 1,500 feet to the East. Mr. Wilder indicated that the wells do experience a decline in rate during the summer, but was typical. No written comments were received. A review of KGS records found the wells of the housing development were completed in 1995 to a depth of approximately 290 to 330 feet deep with a static water levels around 150 feet. The water depth has declined significantly in the past 50 years to a reported 214 feet below the land in 2014. There is no information about the irrigation wells in DWR or KGS records.

The presently authorized points of diversion have not had their source of supply for the determined. As the wells are not moving and close together, it would appear that there will be no change in the local source of supply.

K.A.R. 5-5-16, *Additional wells* will not apply to the proposed change as there will be no increase in the number of authorized wells.

In a letter dated November 24, 2014, Jason Norquest, Assistant Manager of the Southwest Kansas Groundwater Management District No. 3, stated that the application was **recommended for approval by the Board with a waiver of K.A.R. 5-23-3(a)(1),** if the owner would limit the total annual quantity to the wetted acres. This would add a limitation that the annual quantity not exceed 374 acre-feet per calendar year, based on this 187 acres irrigated.

The owner was at the meeting and informed by a DWR letter dated December 1, 2014 of the recommendation by the Board. The application was updated with the new limitation and returned to the owner. On December 12, 2014 the application was received in our office with the owners initials and dated December 10, 2014.

The waiver of K.A.R. 5-23-3, will be conditioned that the total annual quantity diverted under the referenced file not exceed 374 acre-feet per calendar year from the authorized points of diversion.

Mike Meyer, Water Commissioner, Garden City Field Office was contacted for a comment on the proposed change. He reviewed the proposal and the additional limitation on the quantity with regard to the waiver. It was requested that the conditional limitation be clarified that in the future if the one of the wells or both were redrilled with them meeting the required well to well spacing, the additional limitation on the quantity would be removed. He recommended approval of the change per his email dated December 30, 2014.

Conditions of the approval will require the installation of a water flowmeters and check valves if chemigating. A water level measurement tube and WWC-5 are not applicable, as no new wells have been authorized to be drilled and the points of diversion predate the water level measurement tube requirement. KDHE should not be informed of any possible abandoned wells.

Based on the above discussion, that the waiver is granted, it appears the requested change is not unreasonable, impairment of existing rights is unlikely, and the source of supply will remain the same, it is recommended that the referenced application be approved.

Leslie Ireland

Environmental Scientist

Water Appropriation Program

McColloch, Austin [KDA]

From: Jason Norquest <norquest@gmd3.org>
Sent: Wednesday, March 1, 2023 4:30 PM

To: McColloch, Austin [KDA]

Subject: RE: Recommendation Change App File No. 12822

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

Good afternoon Austin. I wasn't sure if I passed along another neighboring comment from this review. I got a call from Jesus Felix Bera. He was calling on the domestic wells to the east of this change application. I wasn't sure if he was one of the people you heard from. His concern was about the domestic wells in that little development. Right now they have 2 wells. One is about 30 years old and the other he said is 2-3 years old. During the season he says he loses pressure in his wells and pumps a little air. He could not really tell me they are drilled as deep as they can go. The cost of having to drill a new well is his main concern. We got this call late. He had been out of town and didn't get the letter right away.

He also wouldn't say exactly how many houses actually use each well. But I went through the analysis as best I could for him and explained that we did see there could possibly be an effect, but within tolerance right now.

We will make note of it and wanted to make sure you knew we got a call.

Have a good rest of your day.

Jason Norquest

Assistant Manager, GMD3

Cell: 620-271-1289 Office: 620-275-7147 www.gmd3.org

From: McColloch, Austin [KDA] < Austin. McColloch@ks.gov>

Sent: Monday, February 6, 2023 3:32 PM **To:** Jason Norquest <norquest@gmd3.org>

Subject: Recommendation Change App File No. 12822

Jason,

Attached is a copy of the above referenced change along with a request for recommendation. Nearby letters were sent out on 12/20/2022 with three responses of concern. This is stacking quantity from the two wells authorized under the same water right onto one of the wells. Based on the 2014 change memo, if these wells were ever to meet spacing again, the quantity would revert back to the full 408 AF. Let me know if you have any questions.

Thanks,

Austin J. McColloch

Assistant Water Commissioner
Kansas Department of Agriculture- DWR
Garden City Field Office
http://agriculture.ks.gov/

Ph: (620) 276-2901

Meyer, Mike [KDA]

From:

Lobmeyer, Francis <flobmeyer@weci.net>

Sent:

Friday, January 6, 2023 12:36 PM

To:

Meyer, Mike [KDA]

Subject:

Water Right, File No. 12822

Follow Up Flag:

Follow up

Flag Status:

Flagged

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

I feel moving the point of diversion will adversely affect my domestic well. The well at 950 Ponderosa Ct is already having issues with declining water levels to the point it is out of the hole and waiting to be redrilled. The well at 945 Ponderosa Ct is going to need to be redrilled in a couple of years if the water level keeps declining at the current rate. The application would double the proposed rate to 1735 GPM and increase the acre feet from 332 AF to 374 AF out of that well. It would draw more water at a faster rate at that location causing a decline in the water table at our wells during the prime irrigation season. I reiterate, we are already having issues with air due to the declining water table.

Francis Lobmeyer

Mobile 620-640-2935 flobmeyer@weci.net

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RECEIVED

JAN 06 2023

Garden City Field Office Division of Water Resources

French, Mitch [KDA]

From:

Pd <homeport@wbsnet.org>

Sent:

Thursday, January 5, 2023 2:44 PM

To:

French, Mitch [KDA]

Subject:

Re: Water Right, File No. 12822

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

My concern on this request is how it will affect the surrounding domestic wells, of which there are many, including those on my own ground, as well as my irrigation well

Directly south. Thankyou for taking this into consideration.

Patty Drussel Drussel, Inc 9385 South Hands Rd

Garden City, Ks 67846

Sent from my iPad

RECEIVED

JAN 05 2023

On Dec 29, 2022, at 11:10 AM, French, Mitch [KDA] < Mitch.French@ks.gov > wrote:

You're welcome Mitch Garden City Field Office Division of Water Resources

From: Pd <homeport@wbsnet.org>

Sent: Thursday, December 29, 2022 11:10 AM
To: French, Mitch [KDA] < Mitch. French@ks.gov>

Subject: Re: Map of area

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

Received, Thankyou.

Sent from my iPad

On Dec 29, 2022, at 10:53 AM, French, Mitch [KDA] < Mitch.French@ks.gov > wrote:

Hello Patty,

The proposed change in point of diversion is to move the rate and quantity from the west well to the east well.

This change in point of diversion will increase the amount that can be withdrawn from the east by an additional 42 acre feet (approximately 14 million gallons). Currently the owner is diverting about 300 acre feet from the east well.

An acre foot of water is 325,851 gallons of water.

<image001.png>

If you have concerns or comments about this proposed change, feel free to reply with those concerns or comments to this email.

Thank you
Mitchell D French
Environmental Scientist I
Garden City, Kansas
(620) 276-2901
mitch.french@ks.gov

French, Mitch [KDA]

From:

Tranquility mader <tranquilitymader@gmail.com>

Sent:

Wednesday, January 4, 2023 8:58 PM Tranquility mader; French, Mitch [KDA]

To: Subject:

Water Right File No. 12822

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

Dear Mr. French,

I am writing to express my opposition to the application by Jacob Nuefeld for approval to revise the existing well under Water Right File No. 12822 for the purpose of agriculture/irrigation.

As a co-owner of an existing well situated on Crabapple Court, I am concerned that the proposed revision of Mr. Nuefeld's well for agriculture/irrigation purposes would negatively impact the flow and quality of my own residential well, which is used to serve the water needs of 10 families on our street. Our well has already been drilled to bedrock a few years ago because of decreased flow and we are unable to go any deeper should the flow be reduced further. If Mr. Nuefeld's existing well is allowed to be revised and operated for agriculture/irrigation purposes so close to my residential well, it is likely that the flow and quality of my well will be reduced.

I strongly believe that residential water use should not be treated as less important than agricultural water use, especially when it serves the needs of multiple families. If our well is compromised we have no avenue left to pursue for water because we have already drilled as deep as we can. As the designated caretaker of the well on Crabapple Court and on behalf of the 10 families affected, I urge you to deny Mr. Nuefeld's application to protect our property and the quality of our water supply. I am willing to provide any additional information or documentation that you may need to make an informed decision.

Thank you for considering my concerns.

Sincerely, Tranquility Mader

905 Crabapple Court

Garden City, KS 67846

620-260-0157

tranquilitymader@gmail.com

RECEIVED

JAN 04 2023

Garden City Field Office Division of Water Resources



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

BRENDA E FLORES-MARTINEZ 161 SHAMROCK ST GARDEN CITY, KS 67846-6630

RE:

Application for Change

Water Right, File No. 12822

Dear Sir or Madam:

This is to advise you that Jacob Neufeld has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced applications. Please note that this is an **existing well**, the application is requesting to move authority to stack onto.

You can find the complete applications posted by water right file number as referenced above at: www.Agriculture.ks.gov/DWRNotices

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM:



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

DRUSSEL INC Attn: GARY DRUSSEL 9585 SOUTH HANDS RD GARDEN CITY, KS 67846

RE:

Application for Change

Water Right, File No. 12822

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Sincerely,

Austin J. McColloch
Assistant Water Commissioner

AM:



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

TRANQUILITY MADER 905 CRABAPPLE CT GARDEN CITY, KS 67846-8842

RE:

Application for Change

Water Right, File No. 12822

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| Sincerely, |
|------------------------------|
| amt. Malla |
| Austin J. McColloch |
| Assistant Water Commissioner |

AM:





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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

JAMES F & CHERYL K ROACH 5733 N SAINT CLAIR ST WICHITA, KS 67204-1836

RE:

Application for Change

Water Right, File No. 12822

Dear Sir or Madam:

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Sincerely,

Inh. Melle
Austin J. McColloch
Assistant Water Commissioner

AM:



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

FRANCIS A & JADA LOBMEYER 950 PONDEROSA CT GARDEN CITY, KS 67846-8825

RE: Ap

Application for Change

Water Right, File No. 12822

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Sincerely,

Austin J. McColloch
Assistant Water Commissioner

AM:



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

PATRICIA G AGUILAR 945 MIMOSA CT GARDEN CITY, KS 67846-8834

RE:

Application for Change

Water Right, File No. 12822

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Sincerely,

Austin J. McColloch
Assistant Water Commissioner

AM:



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

Mike Beam, Secretary

Laura Kelly, Governor

December 20, 2022

J JESUS FELIX-VERA 905 SANDPLUM CT GARDEN CITY, KS 67846-8823

RE:

Application for Change

Water Right, File No. 12822

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AM: