

File No. **49,626** 15. Formation Code: Drainage Basin: County: Special Use: Stream:

| 16. Points of Diversion | | | | | | | | | | |
|-------------------------|-----|-----|-----|-----------|---|---|---|----|----|----|
| T | MOD | DEL | ENT | Qualifier | S | T | R | ID | 'N | 'W |
| | | | | PDIV | | | | | | |
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| 17. Rate and Quantity | | | | |
|-----------------------|-----------------|--------------|-----------------|------------------|
| Authorized | | Additional | | |
| Rate gpm/cfs | Quantity af/mgy | Rate gpm/cfs | Quantity af/mgy | Overlap PD Files |
| none | | | | |
| | | | | |
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18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by _____ Date Acceptable Meter Installed _____

| 21. Place of Use | | | | | | | | | | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | Total | Owner | Chg? | Overlap Files |
|------------------|-----|-----|-----|-------|---|---|---|----|--|------|------|------|------|------|------|------|------|------|------|------|------|-----|--|------------|-----------|-------|-------|------|---------------|
| T | MOD | DEL | ENT | PUSE | S | T | R | ID | | NE ¼ | NW ¼ | SW ¼ | SE ¼ | NE ¼ | NW ¼ | SW ¼ | SE ¼ | NE ¼ | NW ¼ | SW ¼ | SE ¼ | | | | | | | | |
| | | | | 67690 | | | | | | | | | | | | | | | | | | | | | NO | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 7b. | | | | | |
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Comments: **Application fails Safe Yield and was recommended for denial by GMD#2**

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: December 14, 2018

FROM: Matt Meier

RE: Application, File No. 49,626

Richard Seck filed the referenced application for a permit to appropriate water for beneficial use, proposing the appropriation of 217 acre-feet of groundwater for irrigation use. The proposed well was to be located Near the Center of the Northeast Quarter (NC NE¼) of Section 2, more particularly described as being near a point 3960 feet North and 1320 feet West of the Southeast corner of said section, in Township 24 South, Range 5 West, Reno County, Kansas within the boundaries of Equus Beds Groundwater Management District No. 2. There are no overlapping water rights.

That on July 26, 2018, a copy of the application was submitted to Equus Beds Groundwater Management District No. 2. On October 2, 2018, a reply letter was received from Equus Beds Groundwater Management District No. 2 recommending denial of the application for failure to comply with Safe Yield Rule K.A.R. 5-22-7(a). The applicant was sent a letter explaining the denial recommendation on October 8, 2018 and given a 30-day deadline (October 31, 2018) to consult with GMD#2 on the recommendation. No request for extension or notification of contact with GMD#2 was received from the applicant.

Therefore, based on the existing information, it is recommended that application File No. 49,626 be denied and dismissed for failure to meet safe yield criteria.

Matt Meier
Environmental Scientist
Permits Unit

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777

STATE OF KANSAS



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

RICHARD SECK
6614 E EALES RD
HUTCHINSON KS 67501-8328

January 7, 2019

FILE COPY

RE: Application, File No. 49,626

Dear Mr. Seck:

Enclosed is the Findings and Order by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, dismissing Application, File No. 49,626, for failure to comply with the safe yield requirements of K.A.R. 5-22-7(a).

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

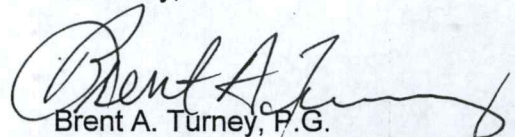
Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer, or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 - 6777

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,


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

Enclosures
BAT:bmm
pc: CLAWSON LAND PARTNERSHIP
Stafford Field Office
GMD#2

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**FINDINGS AND ORDER
IN THE MATTER OF THE
DISMISSAL OF APPLICATION
FILE NO. 49,626**

After due consideration, the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture (hereinafter referred to as the "Chief Engineer"), makes the following findings and order:

FINDINGS

1. That on April 21, 2016, the Chief Engineer received an application from Richard Seck for a permit to appropriate water for beneficial use, assigned File No. 49,626, proposing the appropriation of 217 acre-feet of groundwater for irrigation use. The proposed well was to be located Near the Center of the Northeast Quarter (NC NE $\frac{1}{4}$) of Section 2, more particularly described as being near a point 3960 feet North and 1320 feet West of the Southeast corner of said section, in Township 24 South, Range 5 West, Reno County.
2. That on July 26, 2018, a copy of the application was submitted to Equus Beds Groundwater Management District No. 2. GMD #2 recommended denial of the application in a letter dated October 1, 2018. They recommended denying the application because their review determined that the application did not comply with the District's Safe Yield regulation K.A.R. 5-22-7(a), as existing and proposed consumptive appropriations exceeded the maximum allowable.
3. A letter was sent to the applicant stating the decision of GMD#2 and that the applicant had 30 days (until October 31, 2018) to appeal the decision.
4. That the applicant, has not submitted additional information for consideration, nor requested an extension of time, for Application, File No. 49,626, thus the application should be denied and dismissed and its priority forfeited for failure to comply with Safe Yield regulation K.A.R. 5-22-7(a).

CERTIFICATE OF SERVICE

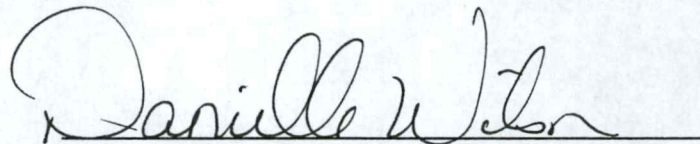
On this ^{7th} day of January, 2019, I hereby certify that the foregoing Dismissal of Application, File No. 49,626, dated December 20th, 2018 was mailed postage prepaid, first class, US mail to the following:

RICHARD E & KRISTINE SECK
6614 E EALES RD
HUTCHINSON KS 67501-8328

With photocopies to:

CLAWSON LAND PARTNERSHIP
PO BOX 279
PLAINS KS 67869

Stafford Field Office
Equus Beds Groundwater Management District No. 2



Division of Water Resources

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

File Number 49,626

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

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.)

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APR 21 2016

11:31

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To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502:

1. Name of Applicant (Please Print): Richard Seck
Address: 6614 East Eales Road
City: Hutchinson State KS Zip Code 67501
Telephone Number: (620) 960-2579

2. The source of water is: [] surface water in (stream)
OR [x] groundwater in Arkansas River (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 217 acre-feet OR gallons per calendar year, to be diverted at a maximum rate of 1,100 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) [x] 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 ASW Date 4/20/16
Code R52 Fee \$ 300 TR # Receipt Date 4/21/16 Check # 8154

SCANNED

4/26/2016 UH

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 _____ quarter of the NC NE quarter of Section 2, more particularly described as being near a point 3,960 feet North and 1,320 feet West of the Southeast corner of said section, in Township 24 South, Range 5 West, 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):

Clawson Land Partnership, P.O. Box 279, Plains, KS 67869 620-563-6112
(name, address and telephone number)

(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 9, 2016. Richard Beck
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 & pump
(number of wells, pumps or dams, etc.)
and will be completed (by) ASAP
(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 ASAP
(Mo/Day/Year)

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Handwritten notes at the bottom left of the page.

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 N.A.

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.

None

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x 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

Test hole
Scheduled
To be drilled
about 4-22-16

| Well location as shown in paragraph No. | (A) | (B) | (C) | (D) |
|---|-------|-------|-------|-------|
| Date Drilled | _____ | _____ | _____ | _____ |
| Total depth of well | _____ | _____ | _____ | _____ |
| Depth to water bearing formation | _____ | _____ | _____ | _____ |
| Depth to static water level | _____ | _____ | _____ | _____ |
| 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

Tenant
(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):

Clawson Land Partnership, P.O. Box 279, Plains, KS 67869 620-563-6112
(name, address and telephone number)

(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 Hutchinson, Kansas, this 12 day of April, 2016.
(month) (year)

Richard Seck
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by MJM/SFFO ESII Date: 4/5/2016
(office/title)

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Mark nearby domestic wells within 1/2 mile & provide names & addresses

File No. 491626



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.

- Proposed PD
- Water Rights
- SFFOsec_corners
- Proposed Place of Use

Richard Seck

Signature

4-12-2016

Date

0 800 1,600 3,200 4,800 6,400 Feet

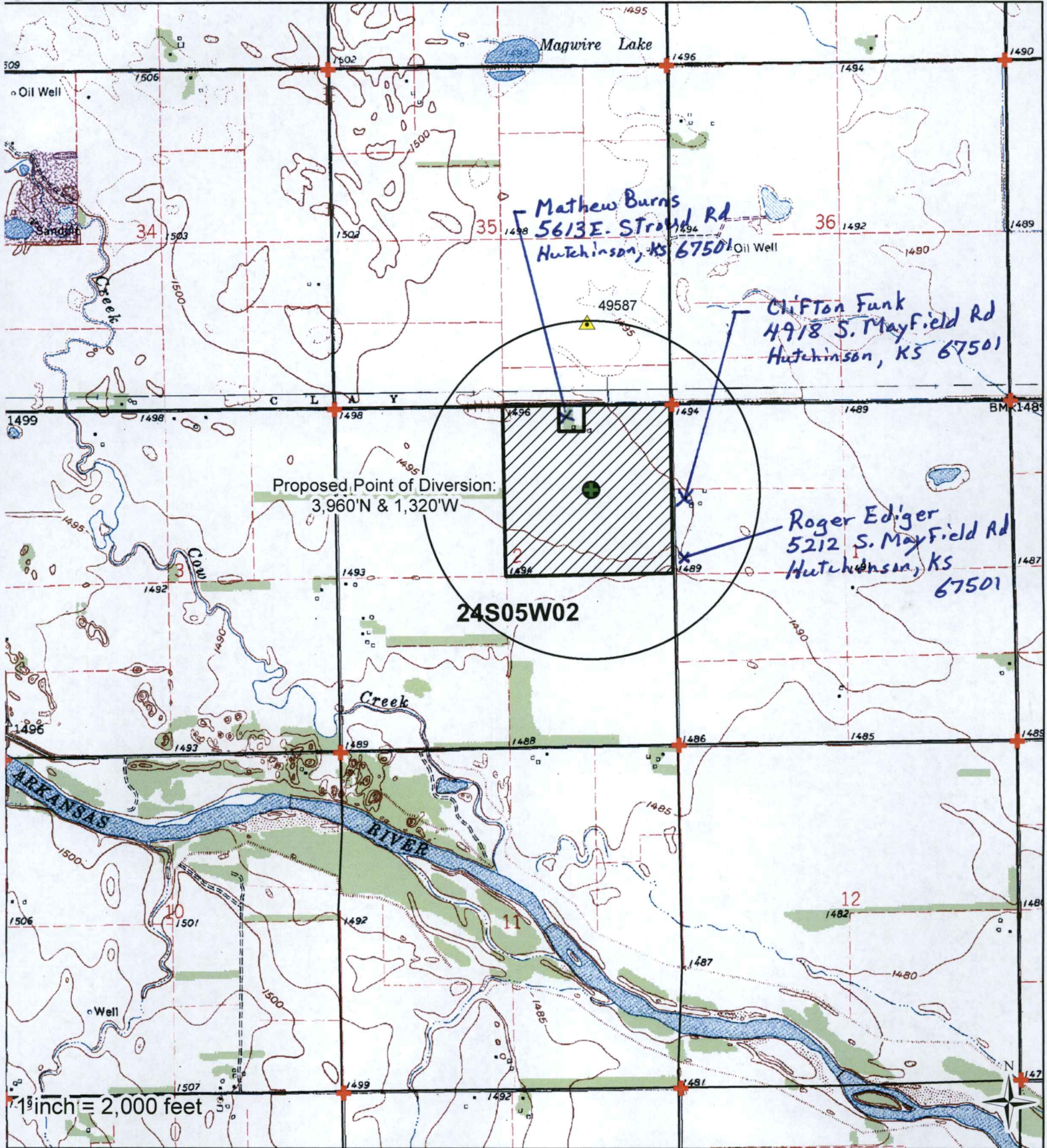
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Created By: Matt Meier

F.O. 2
Date: 4/5/2016

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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.

- Proposed PD
- Water Rights
- SFFOsec_corners
- Proposed Place of Use

Richard Beck 4-12-2016

Signature

Date

0 800 1,600 3,200 4,800 6,400

Feet

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Created By: Matt Meier
FO: 2
Date: 4/5/2016

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IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,626

Name of Applicant (Please Print): Richard Seck

1. 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: Clawson Land Partnership
 ADDRESS: P.O. Box 279, Plains, KS 67869

| 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 | 24S | 5W | 40 | 35 | 40 | 40 | | | | | | | | | | | | | 155 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

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 | |
| | | | | | | | | | | | | | | | | | | | |
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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 |
|------------------------------|----------------------|---------------------|-------------------------|
| #5866 Mahone Loamy Fine Sand | 14.6% | 0.60-2.00 | 1 |
| 5867 Avans Loam | 14.9% | 0.60-2.00 | 1 |
| 5943 Naron Fine Sandy Loam | 37.1% | 0.6-2.0 | 1 |
| 5970 Taver Loam | 33.4% | .06-.20 | 2.5 |
| 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: No Tailwater expected

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 42 psi

(2) What is the sprinkler package design rate? 1100 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? 76 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 → Soybeans → Wheat → Dbl Crop Soybeans → Corn

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 recommendations
- Soil probe moisture monitoring
- Crop growth stage
- Weather Forecast

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

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(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application File No. 49,626

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.

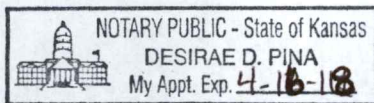
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Richard Seck
Signature of Applicant

State of Kansas)
County of RENO) ss

Richard Seck
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 17 day of April, 2016.



Desirae D. Pina
Notary Public Desirae D. Pina

My Commission Expires: 4-16-18

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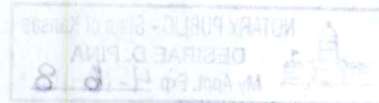
**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

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

Richard Beck
Richard Beck



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IRRIGATION TEST WELL

Driller & Assistant: Logan AND Austin M Date: 5/13/16

CUSTOMER: Richard Seck 620-960-2579 6614 E. Eales Rd. Hutchinson, KS 67501

LOCATION: NE 1/4 of 2-24-5W

- Screen 2-1/2" Holeplug Gas & Oil - W.T. 6" or 5" Liner if needed
- Casing 2-1/2" Quarters 3/4" Polyethylene Solvent & Glue
- Couplings, 2-1/2" Water 2-1/2" PVC Tee Water Sample Bottle
- End Caps, 2-1/2" Lime 5" & 6" Bits Inspection Sheet
- Gravel Pack Drilling Mud Packing

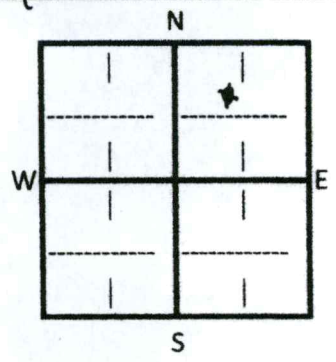
| Depth: | Formation: | Well Information: |
|--------|---|---|
| 0-1' | Top Soil | Static Water Level: <u>20' approx</u> |
| 1-15' | SAND medium to coarse | Est. production: <u>1100 gpm</u> |
| 15-22' | clay SAND mix 60/40 | Casing size/depth: <u>0-40' 2 1/2"</u> |
| 22-58' | SAND and gravel w/ very small ^{sheets} pebbles | Screen size/depth: <u>40-60' 2 1/2" per</u> |
| 58-62' | clay Grey | Slot size: <u>saw cut</u> |
| 62-80' | SAND fine | Grouting depth: <u>none</u> |
| | | Number of bags: <u>2</u> |
| | | Nearest Contamination: |
| | | Maintenance & Safety: |
| | | Notes: |

Directions:
 Latitude: 37.995833 N decimal degrees (ex. 38.881796)
 Longitude: -97.834853 W decimal degrees (ex. 95.373889)

Datum: NAD27 NAD83 WGS84

Elevation: 497 ft.

| | | | |
|--------------------|--------|--------|------------|
| SE 1/4 | SE 1/4 | NW 1/4 | NE 1/4 |
| Sec. 2 | T 24 | R 5 | <u>(N)</u> |
| County <u>KEND</u> | | | |



\$ 1000⁰⁰ /ft. Well Minimum
 \$ 50⁰⁰ /Grout
 \$ 200⁰⁰ /Test Pumping (AIR pumping)
 \$ Customer provided Water Sample
 \$ none /Mobilization/Travel
 \$ 200⁰⁰ /Discount
 Contract Received: 4/18/16

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 AUG 17 2016

Stafford Field Office
 Division of Water Resources
WATER RESOURCES
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Invoice #: 1340
 Date Mailed:
 Well Data: Access:
 Materials: Incent: N/A

AUG 15 2016

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49,026

VALLEY | V-CHART

SCANNED

Valley Dealer

INMAN IRRIGATION
892 Arapaho Rd
Inman, KS 67546
UNITED STATES

Customer

Richard Seck
6614 E EALES RD
HUTCHINSON, KS 67501-8328
USA

Dealer No.

00003440

Field Name

2-24-5W NE 1/4

Parent Order No.
Sprinkler Order No. **Seck 2-24-5W**

Plant **Valley Systems/Parts**

Dealer PO
Order Date **04/11/2016**
Load Date **04/14/2016**
Method Of Shipment **UPSG**

8 Span Valley Standard Corner 800C
Machine Flow 1100 (GPM)
Pivot Pressure 42 (PSI)

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Valley Standard Corner 800C Machine Summary

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Span and Overhang

| Model | Qty | Length (ft) | Pipe | Coupler | D. U. | | |
|-------|-----|----------------|--------------|-----------------|-------|----------|-----------|
| | | | O.D. (in) | Spacing (in) | Qty | Profile | Tire |
| 8000 | 2 | 184.8 | 6 5/8 | 108 | 21 | Standard | 11.2 x 38 |
| 8000 | 4 | 180.0 | 6 5/8 | 108 | 20 | Standard | 11.2 x 38 |
| 8000 | 1 | 160.0 | 6 5/8 | 108 | 18 | Standard | 11.2 x 38 |
| VFlex | 1 | 287.0 | 6 | 120 | 117 | Standard | 11.2 x 38 |

Field Area

| | |
|---------------------|---------------|
| (Ac) Total | 112.8 |
| (Ac) Pivot 360° | |
| (Ac) EG on 100% | |
| (ft) Machine Length | 1538.5 |
| (ft) End Gun Radius | 91.9 |

Flow

| | |
|-----------------------|---------|
| 1100 (GPM) | |
| (GPM per Acre) | |
| (in per day) App Rate | |
| (in) App Depth @ 100% | |
| 120.9 (GPM) | End Gun |

Messages

| |
|-------------------------|
| Caution: None |
| Dealer: None |

Pressure


| |
|-----------------------------------|
| 42 (PSI) Pivot Pressure |
| Calculated Pressure |
| 0.0 (ft) Highest Elevation |
| 0.0 (ft) Lowest Elevation |

LRDU Drive Train

| |
|--|
| 34 RPM Center Drive @ 60 Hz freq. |
| 11.2 x 38 Tire |
| 52:1 Wheel GB Ratio, LRDU Dist 1250.7 (ft) |
| Hrs/360° @ 100% 9.45 (Ft per Min) |

Sprinkler -- Computer Spacing

| <u>Sprinkler Configuration</u> | <u>Range (ft)</u> |
|--|-------------------|
| Geist U-Pipe 6(in) PVC 3/4 M NPT x 3/4 F NPT | All |
| Geist PVC Drop Variable Length 94(in) Ground Clr | |
| Nelson R3000 D4 - Green 3/4 M NPT ASSY | |



WATER RESOURCES
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Valley Standard Corner 800C Machine Summary

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Pressure Loss

| Pipe Length (ft) | Pipe I.D. (in) | Pipe Finish | C-Factor | Loss (PSI) |
|------------------|----------------|-------------|----------|-------------|
| 1250.7 | 6.42 | Galvanized | 150 | 18.2 |
| 1.1 | VFlex Joint | VFlex | NA | 3.1 |
| 259.3 | 5.79 | Galvanized | 150 | 1.9 |
| 27.4 | 3.79 | Galvanized | 150 | 0.6 |
| Total = | | | | 23.8 |

End Gun(s) & Booster Pump Information



Primary End Gun
Nelson SR75 End Gun
 .8 Nozzle
Berkeley 2 HP Booster Pump

Span Flow

| Span Number | Irrigated Length (ft) | Area (Ac) | Rqd (GPM) | Act (GPM) | Rqd (GPM per Acre) | Act (GPM per Acre) | % Deviation |
|---------------------------|-----------------------|--------------|-------------|---------------|--------------------|--------------------|-------------|
| 1 | 184.6 | 2.5 | 13.7 | 26.6 | 5.50 | 10.69 | 94.2 |
| 2 | 184.9 | 7.4 | 40.8 | 40.9 | 5.50 | 5.52 | 0.3 |
| 3 | 180.1 | 12.0 | 65.9 | 65.7 | 5.50 | 5.49 | -0.2 |
| 4 | 180.1 | 16.6 | 91.6 | 91.5 | 5.50 | 5.50 | -0.2 |
| 5 | 180.1 | 21.3 | 117.4 | 117.8 | 5.50 | 5.53 | 0.4 |
| 6 | 180.1 | 26.0 | 143.1 | 143.1 | 5.50 | 5.50 | -0.0 |
| 7 | 159.8 | 27.0 | 148.5 | 148.5 | 5.50 | 5.50 | -0.0 |
| 8 | 204.4 | | 227.3 | 227.1 | | | |
| O/H | 82.3 | | 105.8 | 105.6 | | | |
| EG | 91.9 | | 121.2 | 120.9 | | | |
| Totals | | 112.8 | | 1087.7 | | | |
| Drain Sprinkler | | | 12.2 | 11.7 | | | |
| Total Machine Flow | | | | 1099.4 | | | |

Advanced Options

Drain Sprinkler = Senninger Directional
 Last Sprinkler Coverage = 1 ft
 Sprinkler Coverage Length = 1539.5 ft
 Use Last Coupler= NO
 Minimum Mainline Pressure = 15 PSI

Shipping Options

Ship Drop Hardware
 Ship Endgun Nozzle
 Ship Endgun & Hardware
 Do not ship Endgun Valve / Nozzle Valve Hardware
 Do not ship Boosterpump Hardware

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Parent Order No

Dealer **INMAN IRRIGATION**

Sprinkler Order No **Seck 2-24-5W**

Customer **Richard Seck**

Field Name **2-24-5W NE 1/4**

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--|----------------------|--|--------------------|-------------|---------------|-----------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 1 | 5.4 | | | Gauge | | | | | | 42.0 | | | |
| 2 | 14.4 | | | Plug | | | | | | | | | |
| 3 | 23.4 | | | Plug | | | | | | | | | |
| Sprinkler : Nelson Rotator Assembly | | | | | | | | | | | | | |
| 4 | 32.4 | 1 | | 16 | Lavender | R3000 | D4 - Green | 84 | | 40.8 | 43.9 | 0.7 | 2.9 |
| 5 | 41.4 | | | Plug | | | | | | | | | |
| 6 | 49.9 | 2 | 17.5 | 16 | Lavender | R3000 | D4 - Green | 90 | | 40.1 | 43.4 | 0.7 | 2.9 |
| 7 | 58.3 | | | Plug | | | | | | | | | |
| 8 | 66.8 | 3 | 16.8 | 16 | Lavender | R3000 | D4 - Green | 96 | | 39.5 | 43.1 | 0.9 | 2.9 |
| 9 | 75.3 | | | Plug | | | | | | | | | |
| 10 | 84.3 | 4 | 17.5 | 16 | Lavender | R3000 | D4 - Green | 102 | | 39.1 | 42.8 | 1.2 | 2.9 |
| 11 | 93.3 | | | Plug | | | | | | | | | |
| 12 | 102.3 | 5 | 18.0 | 16 | Lavender | R3000 | D4 - Green | 102 | | 38.7 | 42.4 | 1.4 | 2.9 |
| 13 | 111.3 | | | Plug | | | | | | | | | |
| 14 | 119.7 | 6 | 17.4 | 16 | Lavender | R3000 | D4 - Green | 102 | | 38.4 | 42.1 | 1.6 | 2.9 |
| 15 | 128.1 | | | Plug | | | | | | | | | |
| 16 | 136.5 | 7 | 16.8 | 16 | Lavender | R3000 | D4 - Green | 96 | | 38.2 | 41.7 | 1.9 | 2.9 |
| 17 | 145.0 | | | Plug | | | | | | | | | |
| 18 | 154.0 | 8 | 17.5 | 16 | Lavender | R3000 | D4 - Green | 90 | | 38.1 | 41.3 | 2.2 | 2.8 |
| 19 | 163.0 | | | Plug | | | | | | | | | |
| 20 | 172.0 | 9 | 18.0 | 16 | Lavender | R3000 | D4 - Green | 78 | | 38.1 | 40.9 | 2.5 | 2.8 |
| 21 | 181.0 | | | Plug | | | | | | | | | |
| | 185.6 | Tower Number : 1 Span Length(ft) : 184.6 | | | | | | | | | | | |
| 22 | 190.3 | 10 | 18.3 | 16 | Lavender | R3000 | D4 - Green | 72 | | 37.9 | 40.5 | 2.7 | 2.8 |
| 23 | 199.3 | | | Plug | | | | | | | | | |
| 24 | 208.3 | 11 | 18.0 | 16 | Lavender | R3000 | D4 - Green | 84 | | 37.1 | 40.1 | 3.0 | 2.8 |
| 25 | 217.3 | | | Plug | | | | | | | | | |
| 26 | 226.3 | 12 | 18.0 | 17 | Lavender/Gray | R3000 | D4 - Green | 96 | | 36.4 | 39.8 | 3.1 | 3.1 |
| 27 | 234.8 | | | Plug | | | | | | | | | |
| 28 | 243.2 | 13 | 16.9 | 18 | Gray | R3000 | D4 - Green | 102 | | 35.8 | 39.5 | 3.3 | 3.5 |



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WATER RESOURCES

UNLIMITED

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--|----------------------|--------|--------------------|-------------|----------------|-----------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 29 | 251.6 | | | Plug | | | | | | | | | |
| 30 | 260.1 | 14 | 16.9 | 18 | Gray | R3000 | D4 - Green | 102 | | 35.4 | 39.0 | 3.6 | 3.5 |
| 31 | 269.1 | | | Plug | | | | | | | | | |
| 32 | 278.1 | 15 | 18.0 | 19 | Gray/Turquoise | R3000 | D4 - Green | 108 | | 35.0 | 38.7 | 4.0 | 3.9 |
| 33 | 287.1 | | | Plug | | | | | | | | | |
| 34 | 296.1 | 16 | 18.0 | 20 | Turquoise | R3000 | D4 - Green | 102 | | 34.7 | 38.2 | 4.1 | 4.3 |
| 35 | 304.5 | | | Plug | | | | | | | | | |
| 36 | 312.9 | 17 | 16.8 | 20 | Turquoise | R3000 | D4 - Green | 102 | | 34.5 | 38.0 | 4.2 | 4.3 |
| 37 | 321.4 | | | Plug | | | | | | | | | |
| 38 | 329.9 | 18 | 16.9 | 21 | Turq/Yellow | R3000 | D4 - Green | 96 | | 34.4 | 37.7 | 4.6 | 4.6 |
| 39 | 338.9 | | | Plug | | | | | | | | | |
| 40 | 347.9 | 19 | 18.0 | 22 | Yellow | R3000 | D4 - Green | 84 | | 34.3 | 37.2 | 5.0 | 5.1 |
| 41 | 356.9 | | | Plug | | | | | | | | | |
| 42 | 365.9 | 20 | 18.0 | 22 | Yellow | R3000 | D4 - Green | 72 | | 34.4 | 36.9 | 5.3 | 5.1 |
| | 370.5 | | | | | | | | | | | | |
| Tower Number : 2 Span Length(ft) : 184.9 | | | | | | | | | | | | | |
| 43 | 375.2 | | | Plug | | | | | | | | | |
| 44 | 384.2 | 21 | 18.3 | 23 | Yellow/Red | R3000 | D4 - Green | 78 | | 33.9 | 36.5 | 5.5 | 5.5 |
| 45 | 393.2 | | | Plug | | | | | | | | | |
| 46 | 402.2 | 22 | 18.0 | 24 | Red | R3000 | D4 - Green | 90 | | 33.1 | 36.1 | 5.7 | 6.0 |
| 47 | 411.2 | | | Plug | | | | | | | | | |
| 48 | 420.2 | 23 | 18.0 | 24 | Red | R3000 | D4 - Green | 96 | | 32.5 | 35.7 | 6.0 | 6.0 |
| 49 | 429.2 | | | Plug | | | | | | | | | |
| 50 | 438.2 | 24 | 18.0 | 25 | Red/White | R3000 | D4 - Green | 102 | | 32.0 | 35.3 | 6.3 | 6.4 |
| 51 | 447.2 | | | Plug | | | | | | | | | |
| 52 | 456.2 | 25 | 18.0 | 25 | Red/White | R3000 | D4 - Green | 108 | | 31.6 | 35.1 | 6.5 | 6.4 |
| 53 | 465.1 | | | Plug | | | | | | | | | |
| 54 | 474.1 | 26 | 17.9 | 26 | White | R3000 | D4 - Green | 102 | | 31.3 | 34.6 | 6.8 | 6.9 |
| 55 | 483.1 | | | Plug | | | | | | | | | |
| 56 | 492.1 | 27 | 18.0 | 26 | White | R3000 | D4 - Green | 102 | | 31.1 | 34.3 | 7.0 | 6.9 |
| 57 | 501.1 | | | Plug | | | | | | | | | |
| 58 | 510.0 | 28 | 17.9 | 27 | White/Blue | R3000 | D4 - Green | 96 | | 31.0 | 34.0 | 7.3 | 7.3 |
| 59 | 519.0 | | | Plug | | | | | | | | | |
| 60 | 528.0 | 29 | 18.0 | 27 | White/Blue | R3000 | D4 - Green | 84 | | 31.1 | 33.6 | 7.5 | 7.3 |

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Valley Standard Corner 800C Machine Sprinkler Chart

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| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|-----------|--------------------|-------------|-------------------------|--------------|-------------------|------------------|-----------|-------------|-------------|-------------|-------------|
| 61 | 537.0 | | | Plug | | | | | | | | | |
| 62 | 546.0 | 30 | 18.0 | 28 | Blue | R3000 | D4 - Green | 72 | | 31.2 | 33.3 | 7.9 | 7.9 |
| | 550.6 | | Tower Number : 3 | | Span Length(ft) : 180.1 | | | | | | | | |
| 63 | 555.3 | | | Plug | | | | | | | | | |
| 64 | 564.3 | 31 | 18.3 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 78 | | 30.7 | 32.9 | 8.1 | 8.4 |
| 65 | 573.3 | | | Plug | | | | | | | | | |
| 66 | 582.3 | 32 | 18.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 90 | | 30.0 | 32.5 | 8.3 | 8.3 |
| 67 | 591.3 | | | Plug | | | | | | | | | |
| 68 | 600.3 | 33 | 18.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 96 | | 29.4 | 32.0 | 8.6 | 8.3 |
| 69 | 609.3 | | | Plug | | | | | | | | | |
| 70 | 618.3 | 34 | 18.0 | 30 | Dark Brown | R3000 | D4 - Green | 102 | | 28.9 | 31.6 | 8.8 | 8.8 |
| 71 | 627.3 | | | Plug | | | | | | | | | |
| 72 | 636.3 | 35 | 18.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 108 | | 28.6 | 31.4 | 9.1 | 9.3 |
| 73 | 645.2 | | | Plug | | | | | | | | | |
| 74 | 654.2 | 36 | 17.9 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 102 | | 28.3 | 30.9 | 9.3 | 9.2 |
| 75 | 663.2 | | | Plug | | | | | | | | | |
| 76 | 672.2 | 37 | 18.0 | 32 | Orange | R3000 | D4 - Green | 102 | | 28.2 | 30.7 | 9.6 | 9.9 |
| 77 | 681.2 | | | Plug | | | | | | | | | |
| 78 | 690.1 | 38 | 17.9 | 32 | Orange | R3000 | D4 - Green | 96 | | 28.2 | 30.5 | 9.8 | 9.8 |
| 79 | 699.1 | | | Plug | | | | | | | | | |
| 80 | 708.1 | 39 | 18.0 | 32 | Orange | R3000 | D4 - Green | 84 | | 28.2 | 30.1 | 10.1 | 9.8 |
| 81 | 717.1 | | | Plug | | | | | | | | | |
| 82 | 726.1 | 40 | 18.0 | 33 | Orange/Dk Green | R3000 | D4 - Green | 72 | | 28.4 | 29.9 | 10.5 | 10.4 |
| | 730.7 | | Tower Number : 4 | | Span Length(ft) : 180.1 | | | | | | | | |
| 83 | 735.4 | | | Plug | | | | | | | | | |
| 84 | 744.4 | 41 | 18.3 | 34 | Dark Green | R3000 | D4 - Green | 78 | | 27.9 | 29.5 | 10.7 | 10.9 |
| 85 | 753.4 | | | Plug | | | | | | | | | |
| 86 | 762.4 | 42 | 18.0 | 34 | Dark Green | R3000 | D4 - Green | 90 | | 27.3 | 29.1 | 10.9 | 10.9 |
| 87 | 771.4 | | | Plug | | | | | | | | | |
| 88 | 780.4 | 43 | 18.0 | 35 | Dk Green/Purple | R3000 | D4 - Green | 96 | | 26.8 | 28.7 | 11.2 | 11.4 |
| 89 | 789.4 | | | Plug | | | | | | | | | |
| 90 | 798.4 | 44 | 18.0 | 35 | Dk Green/Purple | R3000 | D4 - Green | 102 | | 26.4 | 28.4 | 11.4 | 11.3 |
| 91 | 807.4 | | | Plug | | | | | | | | | |

WATER RESOURCES RECEIVED

APR 21 2016

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|-----------|--------------------|-------------|------------------------|-----------|--------------------------|------------------|-----------|------------|-----------|-----------|-----------|
| 92 | 816.4 | 45 | 18.0 | 36 | Purple | R3000 | D4 - Green | 108 | | 26.1 | 28.1 | 11.6 | 11.8 |
| 93 | 825.3 | | | Plug | | | | | | | | | |
| 94 | 834.3 | 46 | 17.9 | 36 | Purple | R3000 | D4 - Green | 102 | | 25.9 | 27.7 | 11.9 | 11.8 |
| 95 | 843.3 | | | Plug | | | | | | | | | |
| 96 | 852.3 | 47 | 18.0 | 36 | Purple | R3000 | D4 - Green | 102 | | 25.8 | 27.5 | 12.1 | 11.7 |
| 97 | 861.3 | | | Plug | | | | | | | | | |
| 98 | 870.2 | 48 | 17.9 | 37 | Purple/Black | R3000 | D4 - Green | 96 | | 25.8 | 27.3 | 12.4 | 12.5 |
| 99 | 879.2 | | | Plug | | | | | | | | | |
| 100 | 888.2 | 49 | 18.0 | 38 | Black | R3000 | D4 - Green | 84 | | 26.0 | 27.1 | 12.7 | 13.1 |
| 101 | 897.2 | | | Plug | | | | | | | | | |
| 102 | 906.2 | 50 | 18.0 | 38 | Black | R3000 | D4 - Green | 72 | | 26.2 | 27.0 | 13.1 | 13.1 |
| | 910.8 | | | | Tower Number : 5 | | Span Length (ft) : 180.1 | | | | | | |
| 103 | 915.5 | | | Plug | | | | | | | | | |
| 104 | 924.5 | 51 | 18.3 | 38 | Black | R3000 | D4 - Green | 78 | | 25.8 | 26.7 | 13.3 | 13.0 |
| 105 | 933.5 | | | Plug | | | | | | | | | |
| 106 | 942.5 | 52 | 18.0 | 39 | Black/Dk Turq | R3000 | D4 - Green | 90 | | 25.2 | 26.2 | 13.5 | 13.6 |
| 107 | 951.5 | | | Plug | | | | | | | | | |
| 108 | 960.5 | 53 | 18.0 | 39 | Black/Dk Turq | R3000 | D4 - Green | 96 | | 24.7 | 25.8 | 13.7 | 13.5 |
| 109 | 969.5 | | | Plug | | | | | | | | | |
| 110 | 978.5 | 54 | 18.0 | 34 | Dark Green | R3000 | D4 - Green | 102 | | 24.4 | 26.6 | 10.5 | 10.4 |
| 111 | 987.5 | 55 | 9.0 | 28 | Blue | R3000 | D4 - Green | 102 | | 24.2 | 27.4 | 7.1 | 7.2 |
| 112 | 996.5 | 56 | 9.0 | 28 | Blue | R3000 | D4 - Green | 108 | | 24.1 | 27.5 | 7.1 | 7.2 |
| 113 | 1005.4 | 57 | 8.9 | 28 | Blue | R3000 | D4 - Green | 108 | | 24.1 | 27.4 | 7.1 | 7.2 |
| 114 | 1014.4 | 58 | 9.0 | 28 | Blue | R3000 | D4 - Green | 102 | | 24.0 | 27.1 | 7.2 | 7.1 |
| 115 | 1023.4 | 59 | 9.0 | 28 | Blue | R3000 | D4 - Green | 102 | | 24.0 | 27.1 | 7.3 | 7.1 |
| 116 | 1032.4 | 60 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 102 | | 24.0 | 27.0 | 7.4 | 7.6 |
| 117 | 1041.4 | 61 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 96 | | 24.0 | 26.9 | 7.4 | 7.6 |
| 118 | 1050.3 | 62 | 8.9 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 96 | | 24.1 | 27.0 | 7.5 | 7.6 |
| 119 | 1059.3 | 63 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 90 | | 24.2 | 26.9 | 7.6 | 7.6 |
| 120 | 1068.3 | 64 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 84 | | 24.3 | 26.8 | 7.6 | 7.6 |
| 121 | 1077.3 | 65 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 78 | | 24.4 | 26.7 | 7.7 | 7.6 |
| 122 | 1086.3 | 66 | 9.0 | 30 | Dark Brown | R3000 | D4 - Green | 72 | | 24.6 | 26.6 | 7.9 | 8.1 |
| | 1090.9 | | | | Tower Number : 6 | | Span Length (ft) : 180.1 | | | | | | |

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Valley Standard Corner 800C Machine Sprinkler Chart

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| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|--------|--------------------|-------------|------------------|-------------------------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 123 | 1095.6 | 67 | 9.3 | 30 | Dark Brown | R3000 | D4 - Green | 72 | | 24.5 | 26.6 | 8.0 | 8.1 |
| 124 | 1104.6 | 68 | 9.0 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 78 | | 24.3 | 26.6 | 7.9 | 7.5 |
| 125 | 1113.6 | 69 | 9.0 | 30 | Dark Brown | R3000 | D4 - Green | 84 | | 24.1 | 26.5 | 8.0 | 8.0 |
| 126 | 1122.6 | 70 | 9.0 | 30 | Dark Brown | R3000 | D4 - Green | 84 | | 23.9 | 26.3 | 8.0 | 8.0 |
| 127 | 1131.6 | 71 | 9.0 | 30 | Dark Brown | R3000 | D4 - Green | 90 | | 23.7 | 26.3 | 7.9 | 8.0 |
| 128 | 1140.1 | 72 | 8.5 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 90 | | 23.6 | 26.3 | 7.7 | 7.5 |
| 129 | 1148.5 | 73 | 8.4 | 29 | Blue/Dark Brown | R3000 | D4 - Green | 90 | | 23.5 | 26.1 | 7.7 | 7.5 |
| 130 | 1156.9 | 74 | 8.4 | 30 | Dark Brown | R3000 | D4 - Green | 96 | | 23.4 | 26.1 | 7.8 | 8.0 |
| 131 | 1165.4 | 75 | 8.5 | 30 | Dark Brown | R3000 | D4 - Green | 96 | | 23.3 | 26.0 | 8.1 | 8.0 |
| 132 | 1174.4 | 76 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 96 | | 23.2 | 25.9 | 8.4 | 8.4 |
| 133 | 1183.4 | 77 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 96 | | 23.2 | 25.8 | 8.5 | 8.4 |
| 134 | 1192.4 | 78 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 90 | | 23.2 | 25.6 | 8.5 | 8.4 |
| 135 | 1201.4 | 79 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 90 | | 23.2 | 25.6 | 8.5 | 8.4 |
| 136 | 1210.3 | 80 | 8.9 | 32 | Orange | R3000 | D4 - Green | 90 | | 23.3 | 25.6 | 8.6 | 9.0 |
| 137 | 1219.3 | 81 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 84 | | 23.3 | 25.6 | 8.7 | 8.4 |
| 138 | 1228.3 | 82 | 9.0 | 32 | Orange | R3000 | D4 - Green | 84 | | 23.4 | 25.6 | 8.8 | 9.0 |
| 139 | 1237.3 | 83 | 9.0 | 32 | Orange | R3000 | D4 - Green | 78 | | 23.5 | 25.6 | 8.8 | 9.0 |
| 140 | 1246.3 | 84 | 9.0 | 31 | Dk Brown/Orange | R3000 | D4 - Green | 72 | | 23.7 | 25.7 | 8.3 | 8.4 |
| 141 | 1250.1 | | | | B.P. | | | | | | | | |
| | 1250.7 | | | | Tower Number : 7 | Span Length(ft) : 159.8 | | | | | | | |
| 142 | 1254.1 | 85 | 7.7 | 32 | Orange | R3000 | D4 - Green | 90 | | 20.6 | 23.0 | 8.8 | 8.5 |
| 143 | 1256.6 | | | | Plug | | | | | | | | |
| 144 | 1259.1 | | | | Plug | | | | | | | | |
| 145 | 1261.6 | | | | Plug | | | | | | | | |
| 146 | 1264.1 | 86 | 10.0 | 35 | Dk Green/Purple | R3000 | D4 - Green | 96 | | 20.3 | 22.5 | 10.1 | 10.1 |
| 147 | 1266.6 | | | | Plug | | | | | | | | |
| 148 | 1269.1 | | | | Plug | | | | | | | | |
| 149 | 1271.6 | | | | Plug | | | | | | | | |
| 150 | 1274.1 | 87 | 10.0 | 35 | Dk Green/Purple | R3000 | D4 - Green | 102 | | 20.0 | 22.3 | 10.2 | 10.0 |
| 151 | 1276.6 | | | | Plug | | | | | | | | |
| 152 | 1279.1 | | | | Plug | | | | | | | | |
| 153 | 1281.6 | | | | Plug | | | | | | | | |
| 154 | 1284.1 | 88 | 10.0 | 36 | Purple | R3000 | D4 - Green | 108 | | 19.7 | 22.1 | 10.3 | 10.5 |

WATER RESOURCES RECEIVED

APR 21 2016

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|--------|--------------------|-------------|--------------|-----------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 155 | 1286.6 | | | Plug | | | | | | | | | |
| 156 | 1289.1 | | | Plug | | | | | | | | | |
| 157 | 1291.6 | | | Plug | | | | | | | | | |
| 158 | 1294.1 | 89 | 10.0 | 36 | Purple | R3000 | D4 - Green | 114 | | 19.5 | 22.0 | 10.6 | 10.5 |
| 159 | 1297.0 | | | Plug | | | | | | | | | |
| 160 | 1299.3 | | | Plug | | | | | | | | | |
| 161 | 1301.8 | | | Plug | | | | | | | | | |
| 162 | 1304.3 | 90 | 10.3 | 36 | Purple | R3000 | D4 - Green | 114 | | 19.3 | 21.7 | 10.7 | 10.4 |
| 163 | 1306.8 | | | Plug | | | | | | | | | |
| 164 | 1309.3 | | | Plug | | | | | | | | | |
| 165 | 1311.8 | | | Plug | | | | | | | | | |
| 166 | 1314.3 | 91 | 10.0 | 37 | Purple/Black | R3000 | D4 - Green | 120 | | 19.1 | 21.7 | 10.6 | 11.1 |
| 167 | 1316.8 | | | Plug | | | | | | | | | |
| 168 | 1319.3 | | | Plug | | | | | | | | | |
| 169 | 1321.8 | | | Plug | | | | | | | | | |
| 170 | 1324.3 | 92 | 10.0 | 36 | Purple | R3000 | D4 - Green | 120 | | 19.0 | 21.6 | 10.7 | 10.4 |
| 171 | 1326.8 | | | Plug | | | | | | | | | |
| 172 | 1329.3 | | | Plug | | | | | | | | | |
| 173 | 1331.8 | | | Plug | | | | | | | | | |
| 174 | 1334.3 | 93 | 10.0 | 37 | Purple/Black | R3000 | D4 - Green | 126 | | 18.9 | 21.6 | 10.8 | 11.1 |
| 175 | 1336.8 | | | Plug | | | | | | | | | |
| 176 | 1339.3 | | | Plug | | | | | | | | | |
| 177 | 1341.9 | | | Plug | | | | | | | | | |
| 178 | 1344.2 | 94 | 9.8 | 37 | Purple/Black | R3000 | D4 - Green | 126 | | 18.8 | 21.5 | 10.9 | 11.1 |
| 179 | 1346.7 | | | Plug | | | | | | | | | |
| 180 | 1349.2 | | | Plug | | | | | | | | | |
| 181 | 1351.7 | | | Plug | | | | | | | | | |
| 182 | 1354.2 | 95 | 10.0 | 37 | Purple/Black | R3000 | D4 - Green | 126 | | 18.7 | 21.4 | 11.1 | 11.0 |
| 183 | 1356.7 | | | Plug | | | | | | | | | |
| 184 | 1359.2 | | | Plug | | | | | | | | | |
| 185 | 1361.7 | | | Plug | | | | | | | | | |
| 186 | 1364.2 | 96 | 10.0 | 37 | Purple/Black | R3000 | D4 - Green | 126 | | 18.7 | 21.3 | 11.1 | 11.0 |
| 187 | 1366.7 | | | Plug | | | | | | | | | |

WATER RESOURCES RECEIVED

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Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|--------|--------------------|-------------|---------------|-----------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 188 | 1369.1 | | | Plug | | | | | | | | | |
| 189 | 1371.6 | | | Plug | | | | | | | | | |
| 190 | 1374.1 | 97 | 9.9 | 37 | Purple/Black | R3000 | D4 - Green | 126 | | 18.7 | 21.3 | 11.2 | 11.0 |
| 191 | 1376.6 | | | Plug | | | | | | | | | |
| 192 | 1379.1 | | | Plug | | | | | | | | | |
| 193 | 1381.6 | | | Plug | | | | | | | | | |
| 194 | 1384.1 | 98 | 10.0 | 38 | Black | R3000 | D4 - Green | 120 | | 18.7 | 21.1 | 11.4 | 11.6 |
| 195 | 1386.6 | | | Plug | | | | | | | | | |
| 196 | 1389.1 | | | Plug | | | | | | | | | |
| 197 | 1391.6 | | | Plug | | | | | | | | | |
| 198 | 1394.1 | 99 | 10.0 | 38 | Black | R3000 | D4 - Green | 120 | | 18.8 | 21.1 | 11.5 | 11.6 |
| 199 | 1396.6 | | | Plug | | | | | | | | | |
| 200 | 1399.1 | | | Plug | | | | | | | | | |
| 201 | 1401.6 | | | Plug | | | | | | | | | |
| 202 | 1404.1 | 100 | 10.0 | 38 | Black | R3000 | D4 - Green | 114 | | 18.9 | 21.0 | 11.7 | 11.6 |
| 203 | 1406.6 | | | Plug | | | | | | | | | |
| 204 | 1409.1 | | | Plug | | | | | | | | | |
| 205 | 1411.7 | | | Plug | | | | | | | | | |
| 206 | 1414.2 | 101 | 10.1 | 38 | Black | R3000 | D4 - Green | 114 | | 19.0 | 21.1 | 11.8 | 11.6 |
| 207 | 1416.7 | | | Plug | | | | | | | | | |
| 208 | 1419.2 | | | Plug | | | | | | | | | |
| 209 | 1421.7 | | | Plug | | | | | | | | | |
| 210 | 1424.2 | 102 | 10.0 | 39 | Black/Dk Turq | R3000 | D4 - Green | 108 | | 19.1 | 21.0 | 11.9 | 12.2 |
| 211 | 1426.7 | | | Plug | | | | | | | | | |
| 212 | 1429.2 | | | Plug | | | | | | | | | |
| 213 | 1431.7 | | | Plug | | | | | | | | | |
| 214 | 1434.2 | 103 | 10.0 | 38 | Black | R3000 | D4 - Green | 102 | | 19.3 | 21.1 | 12.0 | 11.6 |
| 215 | 1436.7 | | | Plug | | | | | | | | | |
| 216 | 1439.2 | | | Plug | | | | | | | | | |
| 217 | 1441.7 | | | Plug | | | | | | | | | |
| 218 | 1444.2 | 104 | 10.0 | 39 | Black/Dk Turq | R3000 | D4 - Green | 114 | | 19.5 | 21.5 | 12.1 | 12.3 |
| 219 | 1446.7 | | | Plug | | | | | | | | | |
| 220 | 1449.2 | | | Plug | | | | | | | | | |

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Parent Order No

Dealer **INMAN IRRIGATION**

Sprinkler Order No **Seck 2-24-5W**

Customer **Richard Seck**

Field Name **2-24-5W NE 1/4**

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|------------|--------------------|-------------|-------------------------|--------------|-------------------|------------------|-----------|-------------|-------------|-------------|-------------|
| 221 | 1451.7 | | | Plug | | | | | | | | | |
| 222 | 1454.2 | 105 | 10.0 | 38 | Black | R3000 | D4 - Green | 108 | | 19.7 | 21.7 | 11.9 | 11.7 |
| 223 | 1455.6 | | | B.P. | | | | | | | | | |
| | 1456.2 | | Tower Number : 8 | | Span Length(ft) : 204.4 | | | | | | | | |
| 224 | 1456.6 | | | Plug | | | | | | | | | |
| 225 | 1458.7 | | | Plug | | | | | | | | | |
| 226 | 1461.2 | | | Plug | | | | | | | | | |
| 227 | 1463.7 | 106 | 9.6 | 39 | Black/Dk Turq | R3000 | D4 - Green | 108 | | 19.6 | 21.5 | 12.0 | 12.3 |
| 228 | 1466.2 | | | Plug | | | | | | | | | |
| 229 | 1468.7 | | | Plug | | | | | | | | | |
| 230 | 1471.2 | | | Plug | | | | | | | | | |
| 231 | 1473.7 | 107 | 10.0 | 39 | Black/Dk Turq | R3000 | D4 - Green | 96 | | 19.5 | 20.9 | 12.6 | 12.2 |
| 232 | 1476.2 | | | Plug | | | | | | | | | |
| 233 | 1478.7 | | | Plug | | | | | | | | | |
| 234 | 1481.2 | | | Plug | | | | | | | | | |
| 235 | 1482.7 | | | Plug | | | | | | | | | |
| 236 | 1484.0 | 108 | 10.2 | 40 | Dk Turquoise | R3000 | D4 - Green | 102 | | 19.3 | 20.8 | 12.5 | 12.8 |
| 237 | 1486.1 | | | Plug | | | | | | | | | |
| 238 | 1488.6 | | | Plug | | | | | | | | | |
| 239 | 1491.1 | | | Plug | | | | | | | | | |
| 240 | 1493.6 | 109 | 9.7 | 39 | Black/Dk Turq | R3000 | D4 - Green | 102 | | 19.1 | 20.7 | 12.5 | 12.1 |
| 241 | 1496.1 | | | Plug | | | | | | | | | |
| 242 | 1498.6 | | | Plug | | | | | | | | | |
| 243 | 1501.1 | | | Plug | | | | | | | | | |
| 244 | 1503.6 | 110 | 10.0 | 40 | Dk Turquoise | R3000 | D4 - Green | 108 | | 18.9 | 20.5 | 12.7 | 12.7 |
| 245 | 1506.1 | | | Plug | | | | | | | | | |
| 246 | 1508.6 | | | Plug | | | | | | | | | |
| 247 | 1510.1 | | | Plug | | | | | | | | | |
| 248 | 1511.4 | | | Plug | | | | | | | | | |
| 249 | 1513.6 | 111 | 9.9 | 40 | Dk Turquoise | R3000 | D4 - Green | 114 | | 18.7 | 20.4 | 12.8 | 12.6 |
| 250 | 1516.1 | | | Plug | | | | | | | | | |
| 251 | 1518.6 | | | Plug | | | | | | | | | |
| 252 | 1521.1 | | | Plug | | | | | | | | | |

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Parent Order No

Dealer **INMAN IRRIGATION**

Sprinkler Order No **Seck 2-24-5W**

Customer **Richard Seck**

Field Name **2-24-5W NE 1/4**

Valley Standard Corner 800C Machine Sprinkler Chart

| Cpl No | Dist From Pivot (ft) | Spk No | Dist Last Spk (ft) | Nozzle Size | Color | Spk Model | Wear Pad | Drop Length (in) | Regulator | Line (PSI) | Spk (PSI) | Rqd (GPM) | Act (GPM) |
|--------|----------------------|------------|--------------------|-------------|------------------------|-----------|------------|------------------|-----------|------------|-----------|-----------|-----------|
| 253 | 1523.6 | 112 | 10.0 | 41 | Dk Turq/Mustard | R3000 | D4 - Green | 120 | | 18.4 | 20.1 | 13.0 | 13.3 |
| 254 | 1526.1 | | | Plug | | | | | | | | | |
| 255 | 1528.6 | | | Plug | | | | | | | | | |
| 256 | 1531.1 | | | Plug | | | | | | | | | |
| 257 | 1533.6 | 113 | 10.0 | 43 | Mustard/Maroon | R3000 | D4 - Green | 126 | | 18.2 | 19.5 | 14.3 | 14.3 |
| 258 | 1536.1 | | | Plug | | | | | | | | | |

Sprinkler : Senninger Spray



| | | | | | | | | | | | | | |
|-----|--------|------------|--|-----------|------------------------|-------------|--|--|--|------|------|------|------|
| 259 | 1537.5 | 114 | | 20 | Dark Turquoise | Directional | | | | 17.9 | 17.9 | 12.2 | 11.7 |
| | 1538.5 | | | Overhang | Span Length(ft) : 82.3 | | | | | | | | |

Sprinkler : Nelson Endgun



| | | | | | | | | | | | | | |
|-----|--------|------------|--|-----------|--|------|--|--|--|------|------|-------|-------|
| 260 | 1538.5 | 115 | | .8 | | SR75 | | | | 17.9 | 42.1 | 121.2 | 120.9 |
|-----|--------|------------|--|-----------|--|------|--|--|--|------|------|-------|-------|

Primary Endgun Arc Settings: Forward Angle: **60** Reverse Angle: **65**

1099.5

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Dealer **INMAN IRRIGATION**
 Customer **Richard Seck**
 Field Name **2-24-5W NE 1/4**



Sprinkler Order No **Seck 2-24-5W**

Parent Order No

Valley Standard Corner 800C Percent Timer Data

Setup Information - Valley Computer Control Panel Water Application Constants: Minimum Application = Hours Per Revolution =

Based on IN

| 70% LRDU Ratio | | |
|--------------------|-----------------|-----------------------|
| IN Per 360 degrees | Pivot 70% Timer | Hours Per 360 degrees |
| 0.263 | 100.0 | 16.5 |
| 0.30 | 87.6 | 18.8 |
| 0.40 | 65.7 | 25.1 |
| 0.50 | 52.6 | 31.4 |
| 0.60 | 43.8 | 37.7 |
| 0.70 | 37.6 | 43.9 |
| 0.80 | 32.9 | 50.2 |
| 0.90 | 29.2 | 56.5 |
| 1.00 | 26.3 | 62.8 |
| 1.25 | 21.0 | 78.5 |
| 1.50 | 17.5 | 94.2 |
| 1.75 | 15.0 | 109.9 |
| 2.00 | 13.1 | 125.6 |
| 2.50 | 10.5 | 157.0 |
| 3.00 | 8.8 | 188.4 |
| 3.50 | 7.5 | 219.7 |
| 4.00 | 6.6 | 251.1 |
| 5.00 | 5.3 | 313.7 |

| 80% LRDU Ratio | | |
|--------------------|-----------------|-----------------------|
| IN Per 360 degrees | Pivot 80% Timer | Hours Per 360 degrees |
| 0.226 | 100.0 | 15.4 |
| 0.30 | 75.2 | 20.5 |
| 0.40 | 56.4 | 27.3 |
| 0.50 | 45.1 | 34.1 |
| 0.60 | 37.6 | 40.9 |
| 0.70 | 32.2 | 47.8 |
| 0.80 | 28.2 | 54.6 |
| 0.90 | 25.1 | 61.4 |
| 1.00 | 22.6 | 68.3 |
| 1.25 | 18.1 | 85.3 |
| 1.50 | 15.0 | 102.4 |
| 1.75 | 12.9 | 119.5 |
| 2.00 | 11.3 | 136.5 |
| 2.50 | 9.0 | 170.5 |
| 3.00 | 7.5 | 204.8 |
| 3.50 | 6.5 | 238.8 |
| 4.00 | 5.6 | 273.0 |
| 0.00 | 0.0 | 0.0 |

| 90% LRDU Ratio | | |
|--------------------|-----------------|-----------------------|
| IN Per 360 degrees | Pivot 90% Timer | Hours Per 360 degrees |
| 0.199 | 100.0 | 14.6 |
| 0.20 | 99.7 | 14.6 |
| 0.30 | 66.5 | 22.0 |
| 0.40 | 49.9 | 29.3 |
| 0.50 | 39.9 | 36.6 |
| 0.60 | 33.2 | 43.9 |
| 0.70 | 28.5 | 51.2 |
| 0.80 | 24.9 | 58.6 |
| 0.90 | 22.2 | 65.9 |
| 1.00 | 19.9 | 73.2 |
| 1.25 | 16.0 | 91.5 |
| 1.50 | 13.3 | 109.9 |
| 1.75 | 11.4 | 128.2 |
| 2.00 | 10.0 | 146.4 |
| 2.50 | 8.0 | 183.0 |
| 3.00 | 6.7 | 219.5 |
| 3.50 | 5.7 | 256.1 |
| 0.00 | 0.0 | 0.0 |

To Select Correct LRDU Ratio Refer To Valley Precision Corner Owner's Manual Section 3 Corner Transducer Calculation.

| Field Area | Flow | Pressure | LRDU Drive Train |
|---|---|---|---|
| (Ac) Total 112.8 (Ac) Pivot 360° (Ac) EG on 100% 1538.5 (ft) Machine Length 91.9 (ft) End Gun Radius | 1100 (GPM) (GPM per Acre) (in per day) App Rate (in) App Depth @ 100% 120.9 (GPM) End Gun | 42 (PSI) Pivot Pressure Calculated Pressure 0.0 (ft) Highest Elevation 0.0 (ft) Lowest Elevation | 34 RPM Center Drive @ 60 Hz freq. 11.2 x 38 Tire 52:1 Wheel GB Ratio, LRDU Dist 1250.7 (ft) Hrs/360 @ 100% (9.45) (Ft per Min) |

Disclaimer
 The information presented in the attached Percent Timer Report is based on variables which cannot be totally controlled by Valmont (including, but not limited to; pivot pressure, inside pipeline surface, end gun throw, end gun arc setting, tire slippage, tire pressure, field slopes, soil variations, sprinkler package installation, well capacity, center drive motor voltage, center drive motor frequency, climatic conditions and other elements and circumstances beyond Valmont's reasonable control). Valmont recommends monitoring the machine for at least one pass through field to obtain an accurate rotation time.

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Richard Seck Farms
6614 E. Eales Rd., Hutchinson, Ks 67501
Phone 620-662-5545 Cell 620-960-2579 Fax 620-669-0405
e-mail rkdseck@yahoo.com

August 11, 2016

RE: Application File No. 49626

Dear Sir,

In April of this year I submitted an application for permit to appropriate water. It was given the File No. 49626. At the time of submission we had not completed a test well. That well has been completed and a copy of the test well log is included with this letter. I believe this completes the items requested on the application form.

Let me know if you have any questions.

Cordially,



Richard Seck

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Stafford Field Office
Division of Water Resources

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Water Rights and Points of Diversion Within 2.00 miles of point defined as:

3960 ft N and 1320 ft W of the SE Corner of Section 2, T 24S, R 5W

Located at: 97.834277 West Longitude and 37.995662 North Latitude

GROUNDWATER ONLY

#49626

meets spacing

| File Number | Use | ST | SR | Dist (ft) | Q4 | Q3 | Q2 | Q1 | FeetN | FeetW | Sec | Twp | Rng | ID | Batt | Auth_Quan | Add_Quan | Unit | | |
|-------------|-----|-----|----|-----------|-------|----|----|----|-------|-------|------|-----|-----|----|------|-----------|----------|--------|--------|----|
| A__ 28261 | 00 | IRR | NK | G | 3851 | -- | NC | SE | SW | 660 | 3300 | 2 | 24 | 5W | 1 | G | 4 | 93.00 | 93.00 | AF |
| Same | | | | | 3848 | -- | NC | SE | SW | 660 | 3295 | 2 | 24 | 5W | 4 | B | 4 | | | |
| Same | | | | | 3853 | -- | NC | SE | SW | 660 | 3305 | 2 | 24 | 5W | 5 | B | 4 | | | |
| Same | | | | | 3856 | -- | NC | SE | SW | 660 | 3310 | 2 | 24 | 5W | 6 | B | 4 | | | |
| Same | | | | | 3845 | -- | NC | SE | SW | 660 | 3290 | 2 | 24 | 5W | 7 | B | 4 | | | |
| A__ 28881 | 00 | IRR | NK | G | 7434 | -- | -- | NC | NE | 3991 | 1323 | 12 | 24 | 5W | 13 | G | 2 | 195.00 | 195.00 | AF |
| Same | | | | | 7450 | -- | -- | NC | NE | 3960 | 1330 | 12 | 24 | 5W | 10 | B | 2 | | | |
| Same | | | | | 7418 | -- | -- | NC | NE | 4022 | 1315 | 12 | 24 | 5W | 14 | B | 2 | | | |
| A__ 28882 | 00 | IRR | NK | G | 5892 | -- | -- | NC | NW | 3955 | 3937 | 12 | 24 | 5W | 2 | G | 3 | 228.00 | 228.00 | AF |
| Same | | | | | 5882 | -- | -- | NC | NW | 3965 | 3940 | 12 | 24 | 5W | 4 | B | 3 | | | |
| Same | | | | | 5904 | -- | -- | NC | NW | 3935 | 3950 | 12 | 24 | 5W | 5 | B | 3 | | | |
| Same | | | | | 5892 | -- | -- | NC | NW | 3965 | 3920 | 12 | 24 | 5W | 9 | B | 3 | | | |
| A__ 29659 | 00 | IRR | NK | G | 3528 | -- | SE | NW | SW | 1690 | 4020 | 2 | 24 | 5W | 3 | | | 49.00 | 49.00 | AF |
| A__ 32235 | 00 | IRR | NK | G | 4724 | -- | SE | NE | NE | 4604 | 599 | 11 | 24 | 5W | 1 | G | 2 | 124.00 | 124.00 | AF |
| Same | | | | | 4639 | -- | NE | NE | NE | 4682 | 655 | 11 | 24 | 5W | 2 | B | 2 | | | |
| Same | | | | | 4810 | -- | SE | NE | NE | 4525 | 542 | 11 | 24 | 5W | 3 | B | 2 | | | |
| A__ 38397 | 00 | IRR | NK | G | 7692 | -- | NE | NE | SW | 2590 | 2700 | 12 | 24 | 5W | 3 | | | 30.00 | 30.00 | AF |
| A__ 39016 | 00 | IRR | NK | G | 9128 | -- | NW | SW | NE | 3415 | 2613 | 6 | 24 | 4W | 3 | | | 95.00 | 95.00 | AF |
| A__ 39408 | 00 | IRR | NK | G | 9128 | -- | NW | SW | NE | 3415 | 2613 | 6 | 24 | 4W | 3 | | | 68.50 | 68.50 | AF |
| A__ 43601 | 00 | IRR | NK | G | 5906 | -- | -- | NC | SE | 1336 | 1317 | 1 | 24 | 5W | 1 | | | 183.00 | 183.00 | AF |
| A__ 44174 | 00 | IRR | NK | G | 9461 | -- | -- | NC | NW | 3865 | 3882 | 7 | 24 | 4W | 14 | | | 97.50 | 97.50 | AF |
| A__ 44181 | 00 | IRR | NK | G | 9461 | -- | -- | NC | NW | 3865 | 3882 | 7 | 24 | 4W | 14 | | | 97.50 | 97.50 | AF |
| A__ 45253 | 00 | IRR | NK | G | 3751 | -- | -- | NC | SW | 1330 | 3930 | 1 | 24 | 5W | 2 | | | 173.00 | 173.00 | AF |
| A__ 45358 | 00 | IRR | NK | G | 4959 | -- | SE | SW | NW | 2642 | 4239 | 35 | 23 | 5W | 6 | | | 122.00 | 122.00 | AF |
| A__ 45359 | 00 | IRR | NK | G | 4151 | -- | SW | SW | NE | 2642 | 2452 | 35 | 23 | 5W | 5 | | | 166.00 | 166.00 | AF |
| A__ 46058 | 00 | IRR | NK | G | 7850 | -- | -- | NC | NW | 3826 | 3888 | 6 | 24 | 4W | 4 | | | 190.00 | 188.00 | AF |
| A__ 46140 | 00 | IRR | LR | G | 8264 | -- | -- | NC | SW | 1320 | 3960 | 31 | 23 | 4W | 2 | | | 182.00 | 182.00 | AF |
| A__ 46220 | 00 | IRR | NK | G | 10338 | -- | SW | NW | SE | 1324 | 2603 | 27 | 23 | 5W | 4 | G | 2 | 184.00 | 184.00 | AF |
| Same | | | | | 10510 | -- | SW | NW | SE | 1555 | 2593 | 27 | 23 | 5W | 6 | B | 2 | | | |
| Same | | | | | 10169 | -- | NW | SW | SE | 1093 | 2613 | 27 | 23 | 5W | 8 | B | 2 | | | |
| A__ 46685 | 00 | IRR | NK | G | 4724 | -- | SE | NE | NE | 4604 | 599 | 11 | 24 | 5W | 1 | G | 2 | 176.40 | 52.40 | AF |
| Same | | | | | 4639 | -- | NE | NE | NE | 4682 | 655 | 11 | 24 | 5W | 2 | B | 2 | | | |
| Same | | | | | 4810 | -- | SE | NE | NE | 4525 | 542 | 11 | 24 | 5W | 3 | B | 2 | | | |
| A__ 47588 | 00 | IRR | KE | G | 8362 | -- | -- | NC | SW | 1320 | 3960 | 26 | 23 | 5W | 8 | G | 4 | 182.00 | 182.00 | AF |
| Same | | | | | 8616 | -- | SE | NW | SW | 1520 | 4160 | 26 | 23 | 5W | 4 | B | 4 | | | |
| Same | | | | | 8491 | -- | SW | NE | SW | 1520 | 3760 | 26 | 23 | 5W | 5 | B | 4 | | | |
| Same | | | | | 8241 | -- | NE | SW | SW | 1120 | 4160 | 26 | 23 | 5W | 6 | B | 4 | | | |
| Same | | | | | 8109 | -- | NW | SE | SW | 1120 | 3760 | 26 | 23 | 5W | 7 | B | 4 | | | |
| A__ 47609 | 00 | IRR | KK | G | 3016 | -- | -- | CS | SW | 50 | 3960 | 35 | 23 | 5W | 7 | | | 182.00 | 182.00 | AF |
| A__ 47898 | 00 | IRR | LO | G | 9978 | -- | NE | NE | NW | 4800 | 3200 | 14 | 24 | 5W | 2 | | | 184.80 | 184.80 | AF |
| A__ 48034 | 00 | IRR | KE | G | 7137 | -- | -- | NC | S2 | 1320 | 2635 | 34 | 23 | 5W | 5 | G | 3 | 112.00 | 112.00 | AF |
| Same | | | | | 7137 | -- | -- | NC | S2 | 1320 | 2635 | 34 | 23 | 5W | 6 | B | 3 | | | |
| Same | | | | | 7214 | -- | SW | NW | SE | 1520 | 2635 | 34 | 23 | 5W | 7 | B | 3 | | | |
| Same | | | | | 7065 | -- | NW | SW | SE | 1120 | 2635 | 34 | 23 | 5W | 8 | B | 3 | | | |
| A__ 49070 | 00 | IRR | KE | G | 7137 | -- | -- | NC | S2 | 1320 | 2635 | 34 | 23 | 5W | 5 | G | 3 | 103.60 | 103.60 | AF |
| Same | | | | | 7137 | -- | -- | NC | S2 | 1320 | 2635 | 34 | 23 | 5W | 6 | B | 3 | | | |

| | | | | | | | | | | | | | | | | | | | | |
|------|-------|----|-----|----|----|------|------|----|----|----|------|------|------|----|----|----|--------|--------|--------|----|
| Same | 7214 | -- | SW | NW | SE | 1520 | 2635 | 34 | 23 | 5W | 7 | B | 3 | | | | | | | |
| Same | 7065 | -- | NW | SW | SE | 1120 | 2635 | 34 | 23 | 5W | 8 | B | 3 | | | | | | | |
| A__ | 49587 | 00 | IRR | GY | G | 2651 | -- | NW | SE | SE | 1310 | 1310 | 35 | 23 | 5W | 8 | 189.00 | 189.00 | AF | |
| A__ | 49588 | 00 | IRR | GY | G | 3665 | -- | SW | NE | SW | 1380 | 3740 | 35 | 23 | 5W | 9 | 94.50 | 94.50 | AF | |
| A__ | 49589 | 00 | IRR | GY | G | 5568 | -- | NW | NW | SE | 2271 | 2345 | 36 | 23 | 5W | 2 | 189.00 | 189.00 | AF | |
| A__ | 49590 | 00 | IRR | GY | G | 5914 | -- | -- | -- | NC | NW | 3960 | 3960 | 36 | 23 | 5W | 3 | 112.00 | 112.00 | AF |
| A__ | 49592 | 00 | IRR | GY | G | 7470 | -- | -- | -- | NC | NE | 3960 | 1320 | 36 | 23 | 5W | 4 | 189.28 | 189.28 | AF |
| A__ | 49593 | 00 | IRR | GY | G | 9465 | -- | -- | -- | CW | 3980 | 3960 | 31 | 23 | 4W | 3 | 189.00 | 189.00 | AF | |
| A__ | 49626 | 00 | IRR | AY | G | 0 | -- | -- | -- | NC | NE | 3960 | 1320 | 2 | 24 | 5W | 8 | 217.00 | 217.00 | AF |

| Total Net Quantities Authorized: | Direct | Storage |
|----------------------------------|---------|---------|
| Total Requested Amount (AF) = | 217.00 | .00 |
| Total Permitted Amount (AF) = | 1542.38 | .00 |
| Total Inspected Amount (AF) = | 366.80 | .00 |
| Total Pro_Cert Amount (AF) = | .00 | .00 |
| Total Certified Amount (AF) = | 2145.90 | .00 |
| Total Vested Amount (AF) = | .00 | .00 |
| TOTAL AMOUNT (AF) = | 4272.08 | .00 |

An * after the source of supply indicates a pending application for change for the file number.
 An * after the ID indicates a 15 AF exemption was granted for 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 2.00 miles of point defined as:
 97.834277 West Longitude and 37.995662 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number Use ST SR

A__ 28261 00 IRR NK G
 > HAROLD E SWANSON TRUST
 >
 > 5500 E AVE G
 > HUTCHINSON KS 67501

A__ 28881 00 IRR NK G
 > RICHARD E & KRISTINE SECK
 >
 > 6614 E EALES RD
 > HUTCHINSON KS 67501

A__ 28882 00 IRR NK G
 > SECK FAMILY TRUST
 > RICHARD SECK TRUSTEE
 > 6614 E EALES RD
 > HUTCHINSON KS 67501

A__ 29659 00 IRR NK G
 > D MIKE & BEVERLY A QUILLIN
 >
 > 12 N VICTORY RD
 > HUTCHINSON KS 67501

#49,626

>-----
A__ 32235 00 IRR NK G
> KENNETH O & JUDY KING
>
> 6003 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 38397 00 IRR NK G
> D MIKE & BEVERLY A QUILLIN
>
> 12 N VICTORY RD
> HUTCHINSON KS 67501
>-----
A__ 39016 00 IRR NK G
> RICHARD E & KRISTINE SECK
>
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 39408 00 IRR NK G
> RICHARD E & KRISTINE SECK
>
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 43601 00 IRR NK G
> SECK FAMILY TRUST
> RICHARD SECK TRUSTEE
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 44174 00 IRR NK G
> RICHARD E & KRISTINE SECK
>
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 44181 00 IRR NK G
> RICHARD E & KRISTINE SECK
>
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 45253 00 IRR NK G
> SECK SURVIVING SPOUSE A TRUST
> RICHARD SECK TRUSTEE
> 6614 E EALES RD
> HUTCHINSON KS 67501
>-----
A__ 45358 00 IRR NK G
> JULIE L BEAL
>

> 3319 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 45359 00 IRR NK G
> JULIE L BEAL

>
> 3319 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 46058 00 IRR NK G
> RICHARD E & KRISTINE SECK

>
> 6614 E EALES RD
> HUTCHINSON KS 67501

A__ 46140 00 IRR LR G
> JAMES L & KARILYN BOGNER TRUSTS

>
> 6807 S WILLISON ROAD
> BURRTON KS 67020

A__ 46220 00 IRR NK G
> J STANLEY HILL

>
> 2402 KIPLING PL
> HUTCHINSON KS 67502

A__ 46685 00 IRR NK G
> KENNETH O & JUDY KING

>
> 6003 E EALES RD
> HUTCHINSON KS 67501

A__ 47588 00 IRR KE G
> MATT BRACK

>
> 4001 E AVENUE G
> HUTCHINSON KS 67501

A__ 47609 00 IRR KK G
> ROBERT A & SUSAN D BACON

>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 47898 00 IRR LO G
> SAM & MARJORIE MILLER

>
> 5203 E TRAILS WEST RD
> HAVEN KS 67543

A__ 48034 00 IRR KE G

>-----

=====

2607 5

#49,626

> HAROLD E SWANSON TRUST
>
> 5500 E AVE G
> HUTCHINSON KS 67501

A__ 49070 00 IRR KE G
> MARK & AMY ELLIOTT
>
> 803 BARNES LAKE RD
> HUTCHINSON KS 67501

A__ 49587 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49588 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49589 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49590 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49592 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49593 00 IRR GY G
> ROBERT A & SUSAN D BACON
>
> 3616 S MAYFIELD RD
> HUTCHINSON KS 67501

A__ 49626 00 IRR AY G
> CLAWSON LAND PARTNERSHIP
>
> PO BOX 279
> PLAINS KS 67869

STATE OF KANSAS



DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521

PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE

June 25, 2018

Matthew Burns
5613 E. Stroud RD
Hutchinson, KS 67501

Re: Pending Application, File No. 49,626

Dear Sir or Madam:

This is to advise you that Richard Seck has filed the application referred to above for a permit to appropriate 217 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,100 gallons per minute from an one (1) well. The proposed point of diversion for 49,626 is one (1) well, which are located as follows:

Near the Center of the Northeast Quarter of Section 2, Township 24 South, Range 5 West, Reno County, Kansas.

A map is enclosed indicating the location of the proposed well. 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 of the applicant's point 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 or comments, you may also contact me at (620) 234-5311. If you call, please reference the file number so I can help you more efficiently. Mailed comments can be sent to the Stafford Field Office at 300 S. Main St. Stafford, KS 67578-1521.

Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

STATE OF KANSAS

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STAFFORD FIELD OFFICE
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STAFFORD, KS 67578-1521





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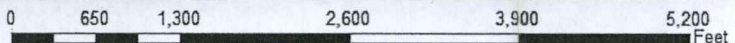
GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE



Legend

-  Section Corners
-  Section Lines

MJM-DWR 6/25/18



Proposed Water Appropriation, File No. 49,626
2-24S-5W
Reno County



SCANNED

STATE OF KANSAS



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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 25, 2018

Robert & Susan Bacon
3616 S Mayfield Rd
Hutchinson, KS 67501

Re: Pending Application, File No. 49,626

Dear Sir or Madam:

This is to advise you that Richard Seck has filed the application referred to above for a permit to appropriate 217 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,100 gallons per minute from an one (1) well. The proposed point of diversion for 49,626 is one (1) well, which are located as follows:

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Sincerely,

Matthew J Meier
Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

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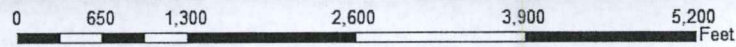
GOVERNOR JEFF COLYER, M.D.
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Legend

-  Section Corners
-  Section Lines

MJM-DWR 6/25/18



Proposed Water Appropriation, File No. 49,626
2-24S-5W
Reno County



SCANNED

STATE OF KANSAS



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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 25, 2018

Clifton Funk
4918 S. Mayfield RD
Hutchinson, KS 67501

Re: Pending Application, File No. 49,626

Dear Sir or Madam:

This is to advise you that Richard Seck has filed the application referred to above for a permit to appropriate 217 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,100 gallons per minute from an one (1) well. The proposed point of diversion for 49,626 is one (1) well, which are located as follows:

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Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

STATE OF KANSAS

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STAFFORD, KS 67578-1521



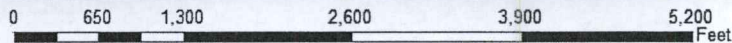
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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE





1:12,000

2015 aerial



Legend

-  Section Corners
-  Section Lines

MJM-DWR 6/25/18

Proposed Water Appropriation, File No. 49,626
2-24S-5W
Reno County



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STATE OF KANSAS



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GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE

June 25, 2018

Roger Ediger
5212 S. Mayfield Rd
Hutchinson, KS 67501

Re: Pending Application, File No. 49,626

Dear Sir or Madam:

This is to advise you that Richard Seck has filed the application referred to above for a permit to appropriate 217 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,100 gallons per minute from an one (1) well. The proposed point of diversion for 49,626 is one (1) well, which are located as follows:

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Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

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DIVISION OF WATER RESOURCES
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STAFFORD, KS 67578-1521



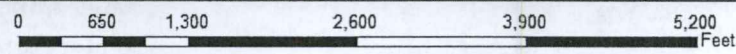
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GOVERNOR JEFF COLYER, M.D.
JACKIE MCCLASKEY, SECRETARY OF AGRICULTURE



1:12,000

2015 aerial



Legend

- Section Corners
- Section Lines

MJM-DWR 6/25/18

Proposed Water Appropriation, File No. 49,626
2-24S-5W
Reno County



SCANNED

STATE OF KANSAS

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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

July 26, 2018

GROUNDWATER MANAGEMENT DISTRICT NO 2
% TIM BOESE
313 SPRUCE ST
HALSTEAD KS 67056-1925

Re: Pending Application, File No. 49,626

Dear Mr. Boese:

We are enclosing a copy of the application referred to above which appears to be in proper form. Nearby well owner notification letters were sent out on January 25, 2018. A phone call was received from Clifton Funk to express his concerns about the application, primarily regarding water quality.

We are delaying any further action for a period of **30 days** from the date of this letter to allow you time to submit your recommendations concerning this application. Please submit your recommendations within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

Matt Meier
Environmental Scientist
Water Appropriation Program

Enclosure

pc:

SCANNED

Meier, Matt [KDA]

From: Meier, Matt [KDA]
Sent: Monday, August 27, 2018 11:52 AM
To: 'Rebecca Wilson'
Subject: RE: Extension Request #49626

Hello Rebecca,

I'll make note in the File that a 30 day extension was requested and granted for file #49626.

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

From: Rebecca Wilson <rwilson@gmd2.org>
Sent: Monday, August 27, 2018 9:05 AM
To: Meier, Matt [KDA] <Matt.Meier@ks.gov>
Subject: Extension Request #49626

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 morning!

Steve Flaherty is requesting a 30 day extension from the date of this email to review file #49626. Please advise.

Thanks!

Rebecca Wilson

Rebecca Wilson
Administrative Assistant
Equus Beds GMD2
313 Spruce Street
Halstead, KS 67056
316-835-2224
316-835-2225 Fax
rwilson@gmd2.org
www.gmd2.org

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

October 1, 2018

Chief Engineer, Division of Water Resources
Attn: Matt Meier
300 S Main Street
Stafford, Kansas 67578

Re: Appropriation Application No. 49626 – Richard Seck

Dear Mr. Meier:

The Equus Beds Groundwater Management District reviewed the referenced application on October 1, 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 District's review found that the application does not comply with the District's Safe Yield Regulation K.A.R. 5-22-7(a), as existing and proposed consumptive appropriations exceed the maximum allowable. Existing and proposed appropriations in the area of consideration (2 mile radius circle) are 4272.08 acre-feet, which exceeds the maximum allowable appropriations of 4021 acre-feet by 251.08 acre-feet.

Based upon the review findings, the application is recommended for denial by the Equus Beds Groundwater Management District.

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 the date of this notification, pursuant to K.A.R. 5-22-12. An appeal petition must state the basis for the appeal and must include information/documentation supporting the appeal.

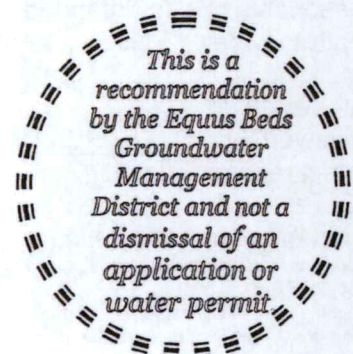
Please contact the District should you have any questions regarding the review or recommendation.

Sincerely,
EQUUS BEDS GROUNDWATER
MANAGEMENT DISTRICT NO. 2

Tim Boese
Manager
TDB/sf

Enclosures

pc: Richard Seck, Applicant, with copy of K.A.R. 5-22-12
Clawson Land Partnership, Landowner, with copy of K.A.R. 5-22-12
Clifton Funk, nearby well owner



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

1) Application No. 49626 Date filed: 4/21/16
 2) Applicant: Richard Seck County: Reno
 3) Proposed maximum quantity: 217 acre-feet/year Rate: 1100 GPM
 4) Proposed Use: Irrigation
 5) P/D location: NC NE 2-24S-5W Geo Center: North 3960 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: 4272.08 af/yr
 (c) Total small user exemptions: 0.00 af/yr
 (d) Total non-consumptive use: 0.00 af/yr
 (e) Total consumptive use: 4272.08 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: 11 bls at observation well: EB230AA

13) Date reviewed: 10/1/18
 14) Reviewed by: S. FLAHERTY Title: HYDROGEOLOGIST
 15) District recommendation: Approve Deny Other, see comment
Reviewed 10-1-2018 T. Boon

16) Comments and Calculations:

Review complete for a new application submitted by Richard Seck 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 supplemental Rate/Quantity Limitations
 No Special Use Areas or IGUCAs
 Item 10: 217 AF / 155 acres = 1.4 AF/A
 Recommend Denial, Does not comply with safe yield regulation K.A.R. 5-22-7(a) as existing and proposed appropriations are 4272.08 AF, which exceeds the allowable appropriations of 4021 AF

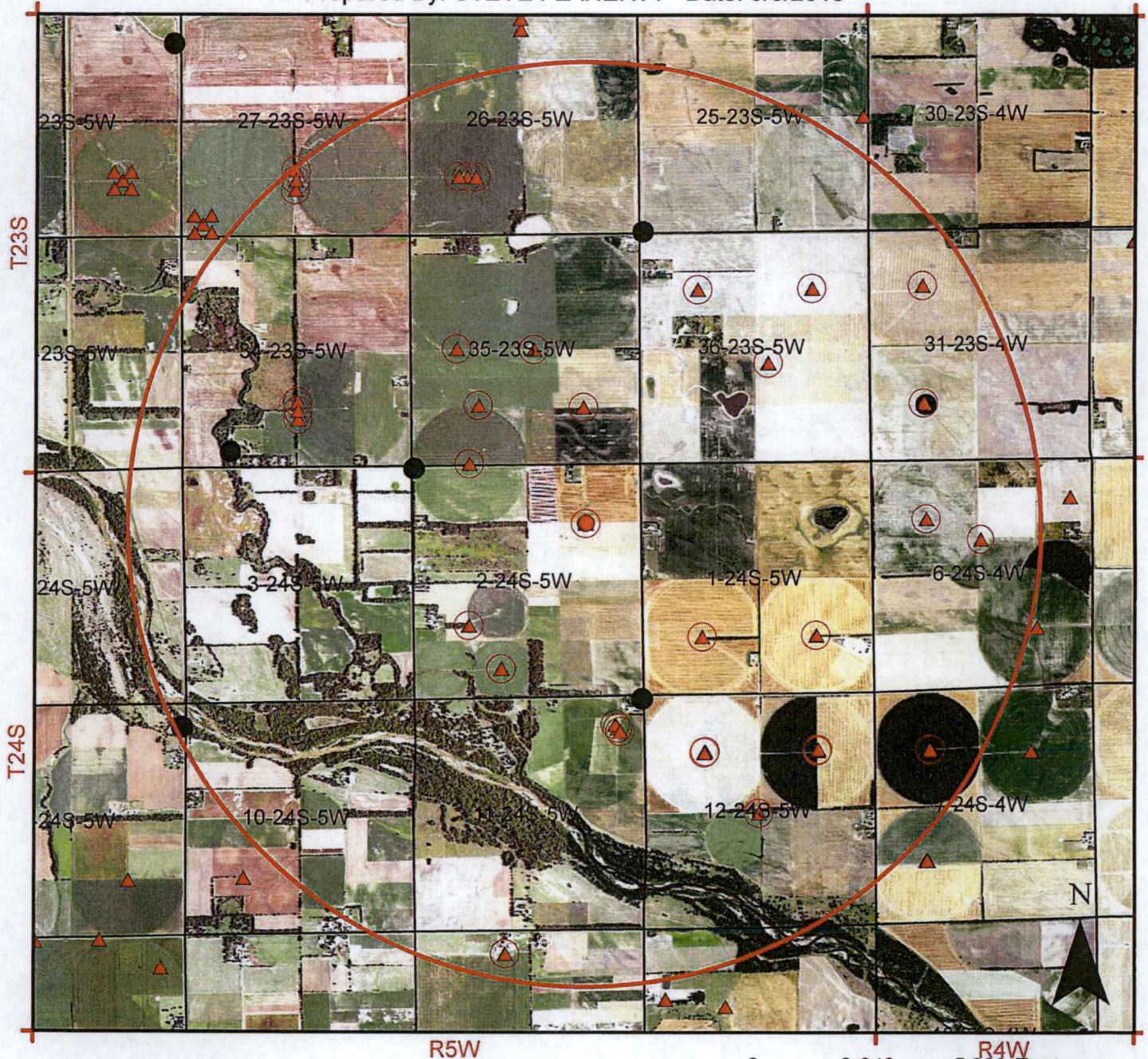
Equus Beds Groundwater Management District No. 2

SAFETYIELD EVALUATION 49626 RICHARD SECK

LOCATION: NCNE (3960'N & 1320'W) 02-24S-05W, Reno County

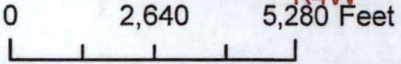
SPECIAL USE AREA: None

Prepared By: STEVE FLAHERTY Date: 9/6/2018



Map Legend

- Monitoring Well
- ◻ GMD2 Boundary
- ◻ Legal Sections
- Proposed Point of Diversion
- ▲ Existing Point of Diversion
- Burton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area



SAFEYIELD EVALUATION 49626 RICHARD SECK
LOCATION: NC-NE (3960'N & 1320'W) 02-24S-05W, Reno County
SPECIAL USE AREA: None
EVALUATION DATE:- 9/6/2018

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 |
|--------------------------------------|---------|-----------------|-------|---------|---------------------------------------|-----|-----------------|
| A02826100 | 738 | 24S | 05W | 2 | 6603310 | IRR | 0 |
| A02826100 | 737 | 24S | 05W | 2 | 6603305 | IRR | 0 |
| A02826100 | 735 | 24S | 05W | 2 | 6603290 | IRR | 0 |
| A02826100 | 736 | 24S | 05W | 2 | 6603295 | IRR | 0 |
| A02826100 | 4268 | 24S | 05W | 2 | 6603300 | IRR | 93 |
| A02888100 | 2849 | 24S | 05W | 12 | 39601330 | IRR | 0 |
| A02888100 | 1312 | 24S | 05W | 12 | 39811323 | IRR | 195 |
| A02888100 | 2848 | 24S | 05W | 12 | 40021315 | IRR | 0 |
| A02888200 | 1279 | 24S | 05W | 12 | 39653940 | IRR | 76 |
| A02888200 | 1278 | 24S | 05W | 12 | 39653920 | IRR | 76 |
| A02888200 | 1280 | 24S | 05W | 12 | 39353950 | IRR | 76 |
| A02965900 | 296 | 24S | 05W | 2 | 16904020 | IRR | 49 |
| A03223500 | 1869 | 24S | 05W | 11 | 46040599 | IRR | 124 |
| A03223500 | 4218 | 24S | 05W | 11 | 46820655 | IRR | 0 |
| A03223500 | 4219 | 24S | 05W | 11 | 45250542 | IRR | 0 |
| A03839700 | 1554 | 24S | 05W | 12 | 25902700 | IRR | 30 |
| A03901600 | 140 | 24S | 04W | 6 | 34152613 | IRR | 95 |
| A03940800 | 1055 | 24S | 04W | 6 | 34152613 | IRR | 68.5 |
| A04360100 | 2646 | 24S | 05W | 1 | 13361317 | IRR | 183 |
| A04417400 | 2764 | 24S | 04W | 7 | 38653882 | IRR | 97.5 |
| A04418100 | 2765 | 24S | 04W | 7 | 38653882 | IRR | 97.5 |
| A04525300 | 2981 | 24S | 05W | 1 | 13363951 | IRR | 173 |
| A04535800 | 3022 | 23S | 05W | 35 | 26424239 | IRR | 122 |
| A04535900 | 3025 | 23S | 05W | 35 | 26422452 | IRR | 166 |
| A04605800 | 3227 | 24S | 04W | 6 | 38263888 | IRR | 188 |
| A04614000 | 3252 | 23S | 04W | 31 | 13203960 | IRR | 182 |
| A04622000 | 3285 | 23S | 05W | 27 | 15552593 | IRR | 0 |
| A04622000 | 3287 | 23S | 05W | 27 | 10932613 | IRR | 0 |
| A04622000 | 3267 | 23S | 05W | 27 | 13242603 | IRR | 184 |
| A04668500 | 3439 | 24S | 05W | 11 | 46040599 | IRR | 52.4 |
| A04668500 | 3440 | 24S | 05W | 11 | 46820655 | IRR | 0 |
| A04668500 | 3441 | 24S | 05W | 11 | 45250542 | IRR | 0 |
| A04758800 | 3688 | 23S | 05W | 26 | 13663943 | IRR | 182 |
| A04758800 | 3689 | 23S | 05W | 26 | 13734141 | IRR | 0 |
| A04758800 | 3690 | 23S | 05W | 26 | 13593744 | IRR | 0 |
| A04760900 | 3710 | 23S | 05W | 35 | 503960 | IRR | 182 |
| A04789800 | 3846 | 24S | 05W | 12 | 48003200 | IRR | 184.8 |
| A04803400 | 3874 | 23S | 05W | 34 | 13202635 | IRR | 112 |
| A04803400 | 3875 | 23S | 05W | 34 | 15202635 | IRR | 0 |
| A04803400 | 3876 | 23S | 05W | 34 | 11202635 | IRR | 0 |
| A04803400 | 3877 | 23S | 05W | 34 | 13202635 | IRR | 0 |
| A04907000 | 4226 | 23S | 05W | 34 | 13202635 | IRR | 103.6 |
| A04907000 | 4851 | 23S | 05W | 34 | 15202635 | IRR | 0 |
| A04907000 | 4852 | 23S | 05W | 34 | 11202635 | IRR | 0 |
| A04907000 | 4855 | 23S | 05W | 34 | 13202635 | IRR | 0 |
| A04958700 | 4903 | 23S | 05W | 35 | 13101310 | IRR | 189 |
| A04958800 | 4904 | 23S | 05W | 35 | 13803740 | IRR | 94.5 |
| A04958900 | 4905 | 23S | 05W | 36 | 22712345 | IRR | 189 |
| A04959000 | 4907 | 23S | 05W | 36 | 39603960 | IRR | 112 |
| A04959200 | 4909 | 23S | 05W | 36 | 39601320 | IRR | 189.28 |
| A04959300 | 4915 | 23S | 04W | 31 | 39803960 | IRR | 189 |
| A04962600P | 4906 | 24S | 05W | 2 | 39601320 | IRR | 217 |
| Allowable Appropriations | | 4,021.00 | | | Total Existing Appropriation | | 4,272.08 |
| Small User Quantity | | 0 | | | Non Consumptive Appropriations | | 0 |
| Remaining SUQ | | 45 | | | Consumptive Appropriations | | 4,272.08 |
| Note- Values are in acre-feet | | | | | Available Appropriations | | 0 |

Equus Beds Groundwater Management District No. 2

SPACING EVALUATION 49626 RICHARD SECK

LOCATION: NCNE (3960'N & 1320'W) 02-24S-05W, Reno County

SPECIAL USE AREA: None

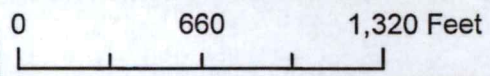
Prepared By: STEVE FLAHERTY Date: 9/6/2018



2-24S-5W

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STATE OF KANSAS



DEPARTMENT OF AGRICULTURE
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GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

October 8, 2018

RICHARD SECK
6614 E EALES RD
HUTCHINSON KS 67501-8328

RE: Pending Application, File No. 49,626

Dear Mr. Seck:

On October 2, 2018, we received a recommendation from the Equus Beds Groundwater Management District No. 2 that the referenced Application for Permit to Appropriate Water for Beneficial Use be denied. This recommendation was based upon the groundwater management program adopted by the District and approved by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture. The application does not comply with and Safe Yield Rule and Regulation K.A.R. 5-22-7(a).

We are advising you of this recommendation in order to allow you an opportunity to consult with the District regarding their recommendation if you have not already done so. If you have already contacted the District regarding this recommendation, then we are allowing you this opportunity to submit any additional information you wish to have considered before the Chief Engineer.

We will delay any further action on the referenced application until **October 31, 2018**, at which time the application will be submitted to the Chief Engineer for a final decision.

If you have any questions, please contact me at (620) 234-5311, and please have the specific file number ready so that I may help you more efficiently.

Sincerely,

Matt Meier
New Application Unit
Water Appropriation Program

pc: Groundwater Management District No. 2
CLAWSON LAND PARTNERSHIP

SCANNED