

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

THE STATE OF KANSAS



WATER RESOURCES RECEIVED

JAN 10 2018

11:00

KS DEPT OF AGRICULTURE

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49965

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.)

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

1. Name of Applicant (Please Print): Jaris A. Regier
Address: 7802 E. 95th Avenue
City: Buhler State KS Zip Code 67522
Telephone Number: (620) 543-9277

2. The source of water is: surface water in _____ (stream)
OR groundwater in Arkansas River Basin - Equus Beds Aquifer (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. ** Limited to 273 AF + 1400 GPM when combined with # 48881*

3. The maximum quantity of water desired is ^{*}273 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of ^{*}1400 gallons per minute OR _____ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
(a) Artificial Recharge (b) Irrigation (c) Recreational (d) Water Power
(e) Industrial (f) Municipal (g) Stockwatering (h) Sediment Control
(i) Domestic (j) Dewatering (k) Hydraulic Dredging (l) Fire Protection
(m) Thermal Exchange (n) Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:							
F.O. <u>2</u>	GMD <u>2</u>	Meets K.A.R. 5-3- <u>(YES/NO)</u>	Use <u>IRR</u>	Source <u>G</u>	County <u>RN</u>	By <u>ADW</u>	Date <u>1/10/18</u>
Code <u>KE 2</u>	Fee \$ <u>300</u>	TR # _____	Receipt Date <u>1/10/18</u>	Check # <u>351</u>			

1/12/2018 CM

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 NW quarter of the SE quarter of the SW quarter of Section 13, more particularly described as being near a point 864 feet North and 3355 feet West of the Southeast corner of said section, in Township 23 South, Range 5W East/West (circle one), Reno County, Kansas.
- (B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

Jaris A. & Sheila L. Regier; 7802 E. 95th Avenue, Buhler, KS 67522 (620) 543-9277

(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 October 21st, 2017.

Jaris A Regier
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 one well

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

and (was)(will be) completed (by) 5/1/2015 under #48881

(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 6/1/2017

(Mo/Day/Year)

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here NA
- If no, explain here why a Water Structures permit is not required NA

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

No. 48881 - Same point of diversion & place of use. Only the northwest well of the battery of four wells authorized by Water Permit No. 48881 was completed. The other 3 wells will not be completed.

This application overlaps the northwest well of No. 48881 as drilled and constructed.

The proposed quantity and rate should be limited to 273 AF & 1400 GPM when combined with

No. 48881.

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13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	5/1/2015	_____	_____	_____
Total depth of well	91'	_____	_____	_____
Depth to water bearing formation	7'	_____	_____	_____
Depth to static water level	11'	_____	_____	_____
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

Owner

(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

Jaris A. & Sheila L. Regier, 7802 E. 95th Avenue, Buhler, KS 67522 (620) 543-9277

(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 Rego County, Buhler October 21st, Kansas, this 21st day of October, 2017.
(month) (year)

Jaris A. Regier Sheila L. Regier
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by T. Boese

GMD2/Manager
(office/title)

Date: March 2, 2017

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 49965

Name of Applicant (Please Print): Jaris A. Regier

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: Jaris A. & Sheila L. Regier

ADDRESS: 7802 E. 95th Avenue, Buhler, KS 67522

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL		
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
13	23S	5W										40	40	35.5	39.5				40		195

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			

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

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

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
<u>Carway & Carbika</u>	<u>15</u>	<u>0.00-0.06</u>	_____
<u>Dillhut Fine Sand</u>	<u>23</u>	<u>0.00-0.06</u>	_____
<u>Dillhut-Solvay Complex</u>	<u>10</u>	<u>0.60-2.00</u>	_____
<u>Solvay Loamy Sand</u>	<u>52</u>	<u>0.20-2.00</u>	_____
<u>Total:</u>	<u>100 %</u>		

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

Estimate the maximum land slope in the field(s): 2 %

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: Center pivots with possible cornering systems

d. System design features:

i. Describe how you will control tailwater: Will schedule and apply irrigation to eliminate run-off

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 40 psi

(2) What is the sprinkler package design rate? 800 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? 50 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, Milo, Wheat

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). Will contract with crop consultant

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

49905

Wells Within ½ Mile

1. Irrigation Wells – Water Permit No. 48505
Harold E. Swanson Trust
5500 E. Avenue G, Hutchinson, KS 67501

2. Domestic Well
Harold E. Swanson Trust ETAL
5500 E. Avenue G, Hutchinson, KS 67501

3. Domestic Well
DeVon L. & Linda S. Dettwiler
718 S. Mayfield Road, Hutchinson, KS 67501

4. Domestic Well
Kenneth Earl Jr. & Susan K. Huff
705 S. Mayfield Road, Hutchinson, KS 67501

5. Groundwater Pit – Recreational – Water Permit No. 46863
William H. Jr. & Zoe Shears Family Trust
c/o Commerce Trust Co.
101 E. 30th Avenue, Hutchinson, KS 67502
&
Girard Property LLC
3319 N. Prairie Hills Drive, Hutchinson, KS 67502
&
Lakeside Acres HOA Inc.
104 S. Obee Road, Hutchinson, KS 67501

6. Groundwater Pit – Recreational – Water Right No. 40964
Progeny Properties LLC
PO Box 96, Sterling, KS 67579

7. Domestic Well
Curtis W. Starks
7147 E. Zolman Road, Hutchinson, KS 67501

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49905

48881

WATER WELL RECORD

Form WWC-5

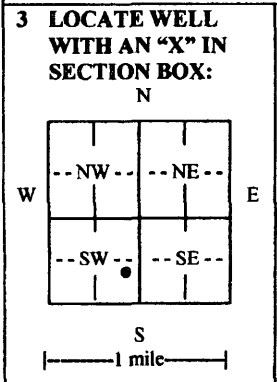
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Reno
 Fraction: SW 1/4 NE 1/4 SE 1/4 SW 1/4
 Section Number: 13 Township No. T 23 S Range Number R 5 E W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
 From Yoder Rd. & 50 HWY 2E 1N 1/4E NSR

2 WATER WELL OWNER: Jaris Requier
 RR#, Street Address, Box #: 7802 E. 95th Ave.
 City, State, ZIP Code : Buhler, Kansas 67522

Global Positioning System (GPS) information:
 Latitude: 38.04520 (in decimal degrees)
 Longitude: 097.82305 (in decimal degrees)
 Elevation: 1507
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: Garmin 62S)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m



4 DEPTH OF COMPLETED WELL 91 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL 11 ft. below land surface measured on mo/day/yr. 5/1/2015

Pump test data: Well water was..... ft. after..... hours pumping..... gpm

EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm

Bore Hole Diameter 30..... in. to 91..... ft., and..... in. to..... ft.

WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No

If yes, mo/day/yr sample was submitted.....

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 16..... in. to 61..... ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.

Casing height above land surface 24..... in., Weight SCH 40..... lbs./ft., Wall thickness or gauge No. 500

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify).....
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify).....

SCREEN-PERFORATED INTERVALS: From 61..... ft. to 91..... ft., From..... ft. to..... ft.

GRAVEL PACK INTERVALS: From 91..... ft. to 15..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 15..... ft. to 0..... ft., From..... ft. to..... ft., From..... ft. to..... ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well n/a

Direction from well..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Sandy top soil			
2	7	Brown clay-silty			
7	30	Med. sand			
30	45	Med. sand clean			
45	50	Med. sand clean /litegray clay 80/20			
50	70	Med. sand clean			
70	90	Small-med. sand clean			
90	91	Red shale			

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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 5/1/2015..... and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 134..... This Water Well Record was completed on (mo/day/year) 5/18/2015.....

under the business name of Rosencrantz-Bemis Ent..... by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. I include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

Dec. 18, 2017
(Date)

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

Re: Application
File No. 49965

Minimum Desirable Streamflow

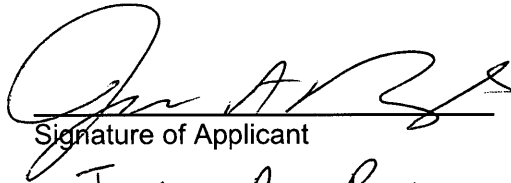
Dear Sir:

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.

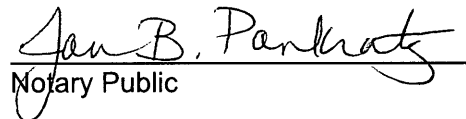
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.


Signature of Applicant

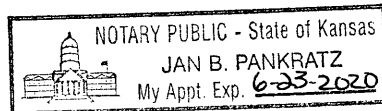
Jaris A Rejier
(Print Applicant's Name)

State of Kansas)
County of Reno) ss)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 18th day of December, 2017.


Notary Public

My Commission Expires: 6-23-2020



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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

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 Machine Summary

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Span and Overhang

Model	Qty	Length (Ft)	Pipe O.D. (in)	Coupler Spacing (in)	D. U. Qty Profile Tire
8000	7	180.0	6 5/8	108	20 Standard 11R x 22.5 Radial Ret
8000	1	36.0	6 5/8	110	6

Field Area

139.9 Acres Total
121.4 Acres: Pivot 360°
18.4 (Ac) EG On 100%
1297.5 (ft) Machine Length
95.1 (ft) End Gun Radius

Flow

800 (GPM)
5.72 (GPM/Acre)
0.30 (in/day) App Rate
0.233 (in) App Depth @ 100%
109.5 (GPM) End Gun

Messages

<u>Caution:</u> None
<u>Dealer:</u> None

Pressure

40 PSI Pivot Pressure
Inlet Pressure
0.0 (ft) Highest Elevation
0.0 (ft) Lowest Elevation

LRDU Drive Train

34 RPM Center Drive @ 60 Hz freq.
11R x 22.5 Radial Retread Tire
52:1 Wheel GB Ratio, LRDU Dist 1261.2 Ft.
18.4 Hrs/360° @ 100% 7.18 Ft/Min

Sprinkler -- Computer Spacing

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

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

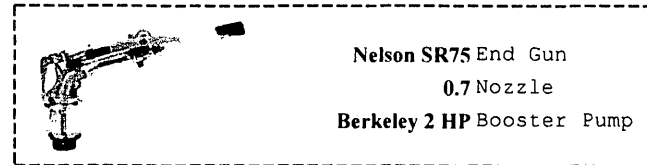
Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 Machine Summary

Pressure Loss

Pipe Length (ft)	Pipe I.D. (in)	Pipe Finish	C-Factor	Loss (PSI)
1279.4	6.42	Galvanized	150	9.0
18.1	3.79	Galvanized	150	0.3
Total =				9.3



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Span Flow

Span Number	Irrigated Length (in)	Area (Ac)	Rqd (GPM)	Act (GPM)	Rqd (GPM per Acre)	Act (GPM per Acre)	% Deviation
1	179.9	2.4	13.0	24.8	5.50	10.52	91.2
2	180.1	7.0	38.7	38.6	5.50	5.49	-0.3
3	180.1	11.7	64.5	64.8	5.50	5.53	0.4
4	180.1	16.4	90.2	90.0	5.50	5.49	-0.2
5	180.1	21.1	116.0	115.8	5.50	5.50	-0.1
6	180.1	25.8	141.7	141.7	5.50	5.50	0.0
7	179.8	30.4	167.2	167.4	5.50	5.51	0.1
O/H	36.2	6.7	37.8	37.5	5.66	5.62	-0.7
EG	95.1	18.4	105.9	109.5	5.74	5.94	3.4
Totals		139.9		790.1			
	Drain Sprinkler		10.3	9.9			
	Total Machine Flow			800			

Advanced Options

Drain Sprinkler = Senninger Directional
Last Sprinkler Coverage = 1.0 ft
Sprinkler Coverage Length = 1298.5 ft
Use Last Coupler= YES
Minimum Mainline Pressure = 6.0 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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Valley Standard Pivot 8000 Machine Sprinkler Chart

499965

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						40.0			
2	14.4			Plug									
3	23.4			Plug									
Sprinkler : Nelson Rotator 													
4	32.4	1		16	Lavender	R3000	D4 - Green	84		39.1	42.2	0.7	2.9
5	41.4			Plug									
6	50.4	2	18.0	16	Lavender	R3000	D4 - Green	90		38.6	41.9	0.7	2.9
7	59.4			Plug									
8	68.4	3	18.0	16	Lavender	R3000	D4 - Green	96		38.2	41.7	1.0	2.9
9	77.4			Plug									
10	86.4	4	18.0	16	Lavender	R3000	D4 - Green	96		37.9	41.4	1.2	2.8
11	95.3			Plug									
12	104.3	5	17.9	16	Lavender	R3000	D4 - Green	96		37.7	41.2	1.5	2.8
13	113.3			Plug									
14	122.3	6	18.0	16	Lavender	R3000	D4 - Green	96		37.6	41.1	1.7	2.8
15	131.3			Plug									
16	140.2	7	17.9	16	Lavender	R3000	D4 - Green	90		37.6	40.9	2.0	2.8
17	149.2			Plug									
18	158.2	8	18.0	16	Lavender	R3000	D4 - Green	78		37.8	40.6	2.3	2.8
19	167.2			Plug									
20	176.2	9	18.0	16	Lavender	R3000	D4 - Green	66		38.0	40.4	2.5	2.8
	180.9												
Tower Number : 1 Span Length (ft) : 179.9													
21	185.5			Plug									
22	194.5	10	18.3	16	Lavender	R3000	D4 - Green	72		37.6	40.2	2.8	2.8
23	203.5			Plug									
24	212.5	11	18.0	17	Lavender/Gray	R3000	D4 - Green	84		37.0	40.0	3.0	3.2
25	221.5			Plug									
26	230.5	12	18.0	17	Lavender/Gray	R3000	D4 - Green	90		36.5	39.7	3.3	3.1
27	239.5			Plug									
28	248.5	13	18.0	18	Gray	R3000	D4 - Green	96		36.1	39.5	3.6	3.5

WATER RESOURCES RECEIVED

JAN 10 2018

KS DEPT OF AGRICULTURE

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 Machine Sprinkler Chart

49905

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	257.5			Plug									
30	266.5	14	18.0	19	Gray/Turquoise	R3000	D4 - Green	96		35.9	39.2	3.8	3.9
31	275.4			Plug									
32	284.4	15	17.9	19	Gray/Turquoise	R3000	D4 - Green	96		35.7	39.0	4.1	4.1
33	293.4			Plug									
34	302.4	16	18.0	20	Turquoise	R3000	D4 - Green	96		35.6	39.0	4.3	4.3
35	311.4			Plug									
36	320.3	17	17.9	21	Turq/Yellow	R3000	D4 - Green	90		35.7	38.8	4.6	4.7
37	329.3			Plug									
38	338.3	18	18.0	21	Turq/Yellow	R3000	D4 - Green	78		35.8	38.5	4.8	4.7
39	347.3			Plug									
40	356.3	19	18.0	22	Yellow	R3000	D4 - Green	66		36.1	38.3	5.1	5.2
	361.0		Tower Number : 2		Span Length (ft) : 180.1								
41	365.6			Plug									
42	374.6	20	18.3	23	Yellow/Red	R3000	D4 - Green	72		35.7	38.1	5.4	5.6
43	383.6			Plug									
44	392.6	21	18.0	23	Yellow/Red	R3000	D4 - Green	84		35.1	37.9	5.6	5.6
45	401.6			Plug									
46	410.6	22	18.0	24	Red	R3000	D4 - Green	90		34.6	37.6	5.9	6.1
47	419.6			Plug									
48	428.6	23	18.0	24	Red	R3000	D4 - Green	96		34.3	37.4	6.1	6.1
49	437.6			Plug									
50	446.6	24	18.0	24	Red	R3000	D4 - Green	96		34.0	37.2	6.4	6.1
51	455.5			Plug									
52	464.5	25	17.9	25	Red/White	R3000	D4 - Green	96		33.9	37.0	6.6	6.5
53	473.5			Plug									
54	482.5	26	18.0	26	White	R3000	D4 - Green	96		33.9	36.9	6.9	7.1
55	491.5			Plug									
56	500.4	27	17.9	26	White	R3000	D4 - Green	90		33.9	36.7	7.1	7.1
57	509.4			Plug									
58	518.4	28	18.0	27	White/Blue	R3000	D4 - Green	78		34.1	36.5	7.4	7.6
59	527.4			Plug									
60	536.4	29	18.0	27	White/Blue	R3000	D4 - Green	66		34.4	36.3	7.7	7.6

WATER RESOURCES RECEIVED

JAN 10 2018

KS DEPT OF AGRICULTURE

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 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)
541.1		Tower Number : 3 Span Length (ft) : 180.1											
61	545.7			Plug									
62	554.7	30	18.3	28	Blue	R3000	D4 - Green	72		34.0	36.1	8.0	8.2
63	563.7			Plug									
64	572.7	31	18.0	28	Blue	R3000	D4 - Green	84		33.5	35.9	8.2	8.2
65	581.7			Plug									
66	590.7	32	18.0	28	Blue	R3000	D4 - Green	90		33.0	35.5	8.4	8.1
67	599.7			Plug									
68	608.7	33	18.0	29	Blue/Dark Brown	R3000	D4 - Green	96		32.7	35.3	8.7	8.7
69	617.7			Plug									
70	626.7	34	18.0	29	Blue/Dark Brown	R3000	D4 - Green	96		32.5	35.0	8.9	8.6
71	635.6			Plug									
72	644.6	35	17.9	30	Dark Brown	R3000	D4 - Green	96		32.4	34.8	9.2	9.2
73	653.6			Plug									
74	662.6	36	18.0	31	Dk Brown/Orange	R3000	D4 - Green	96		32.4	34.7	9.4	9.8
75	671.6			Plug									
76	680.5	37	17.9	31	Dk Brown/Orange	R3000	D4 - Green	90		32.5	34.6	9.7	9.7
77	689.5			Plug									
78	698.5	38	18.0	31	Dk Brown/Orange	R3000	D4 - Green	78		32.7	34.5	10.0	9.7
79	707.5			Plug									
80	716.5	39	18.0	32	Orange	R3000	D4 - Green	66		33.0	34.4	10.3	10.4
721.2		Tower Number : 4 Span Length (ft) : 180.1											
81	725.8			Plug									
82	734.8	40	18.3	32	Orange	R3000	D4 - Green	72		32.7	34.1	10.6	10.4
83	743.8			Plug									
84	752.8	41	18.0	33	Orange/Dk Green	R3000	D4 - Green	84		32.2	33.9	10.8	11.0
85	761.8			Plug									
86	770.8	42	18.0	33	Orange/Dk Green	R3000	D4 - Green	90		31.8	33.6	11.0	11.0
87	779.8			Plug									
88	788.8	43	18.0	33	Orange/Dk Green	R3000	D4 - Green	96		31.5	33.3	11.3	11.0
89	797.8			Plug									
90	806.8	44	18.0	34	Dark Green	R3000	D4 - Green	96		31.3	33.1	11.5	11.6
91	815.7			Plug									

49965

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 Machine Sprinkler Chart

499665

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	824.7	45	17.9	34	Dark Green	R3000	D4 - Green	96		31.2	32.9	11.7	11.6
93	833.7			Plug									
94	842.7	46	18.0	35	Dk Green/Purple	R3000	D4 - Green	96		31.3	32.8	12.0	12.0
95	851.7			Plug									
96	860.6	47	17.9	35	Dk Green/Purple	R3000	D4 - Green	90		31.4	32.8	12.0	12.0
97	869.6			Plug									
98	878.6	48	18.0	36	Purple	R3000	D4 - Green	78		31.7	32.7	12.0	12.0
99	887.6			Plug									
100	896.6	49	18.0	36	Purple	R3000	D4 - Green	66		32.0	32.8	12.9	12.8
	901.3			Tower Number : 5 Span Length (ft) : 180.1									
101	906.0			Plug									
102	915.0	50	18.3	37	Purple/Black	R3000	D4 - Green	72		31.7	32.5	13.2	13.6
103	924.0			Plug									
104	933.0	51	18.0	37	Purple/Black	R3000	D4 - Green	84		31.3	32.3	13.3	13.5
105	942.0			Plug									
106	951.0	52	18.0	37	Purple/Black	R3000	D4 - Green	90		30.9	32.0	13.6	13.5
107	960.0			Plug									
108	969.0	53	18.0	37	Purple/Black	R3000	D4 - Green	96		30.7	31.7	13.8	13.4
109	978.0			Plug									
110	987.0	54	18.0	38	Black	R3000	D4 - Green	96		30.5	31.5	14.1	14.1
111	995.8			Plug									
112	1004.8	55	17.9	38	Black	R3000	D4 - Green	96		30.5	31.4	14.3	14.1
113	1013.8			Plug									
114	1022.8	56	18.0	39	Black/Dk Turq	R3000	D4 - Green	96		30.6	31.3	14.6	14.9
115	1031.8			Plug									
116	1040.7	57	17.9	39	Black/Dk Turq	R3000	D4 - Green	90		30.8	31.4	14.8	14.9
117	1049.7			Plug									
118	1058.7	58	18.0	39	Black/Dk Turq	R3000	D4 - Green	78		31.0	31.4	15.1	14.9
119	1067.7			Plug									
120	1076.7	59	18.0	34	Dark Green	R3000	D4 - Green	66		31.4	32.5	11.6	11.5
	1081.4			Tower Number : 6 Span Length (ft) : 180.1									
121	1086.1	60	9.3	28	Blue	R3000	D4 - Green	66		31.4	33.3	7.9	7.9
122	1095.1	61	9.0	28	Blue	R3000	D4 - Green	72		31.2	33.2	7.8	7.9

WATER RESOURCES RECEIVED JAN 10 2018

KS DEPT OF AGRICULTURE

Valley Standard Pivot 8000 Machine Sprinkler Chart

49965

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	1104.1	62	9.0	28	Blue	R3000	D4 - Green	78		30.9	33.2	7.9	7.9
124	1113.1	63	9.0	28	Blue	R3000	D4 - Green	84		30.7	33.1	8.0	8.0
125	1122.1	64	9.0	28	Blue	R3000	D4 - Green	90		30.6	33.1	8.0	8.0
126	1131.1	65	9.0	29	Blue/Dark Brown	R3000	D4 - Green	90		30.4	32.9	8.1	8.4
127	1140.1	66	9.0	29	Blue/Dark Brown	R3000	D4 - Green	96		30.3	33.0	8.1	8.4
128	1149.1	67	9.0	28	Blue	R3000	D4 - Green	96		30.2	32.9	8.2	7.8
129	1158.1	68	9.0	29	Blue/Dark Brown	R3000	D4 - Green	96		30.2	32.8	8.3	8.4
130	1167.1	69	9.0	29	Blue/Dark Brown	R3000	D4 - Green	96		30.1	32.8	8.3	8.4
131	1176.0	70	8.9	29	Blue/Dark Brown	R3000	D4 - Green	96		30.1	32.8	8.4	8.4
132	1185.0	71	9.0	29	Blue/Dark Brown	R3000	D4 - Green	96		30.1	32.8	8.5	8.4
133	1194.0	72	9.0	29	Blue/Dark Brown	R3000	D4 - Green	96		30.2	32.8	8.5	8.4
134	1203.0	73	9.0	30	Dark Brown	R3000	D4 - Green	96		30.2	32.8	8.6	9.0
135	1212.0	74	9.0	29	Blue/Dark Brown	R3000	D4 - Green	90		30.3	32.8	8.6	8.4
136	1220.8	75	8.9	30	Dark Brown	R3000	D4 - Green	90		30.4	32.8	8.7	9.0
137	1229.8	76	9.0	30	Dark Brown	R3000	D4 - Green	84		30.6	32.8	8.8	9.0
138	1238.8	77	9.0	30	Dark Brown	R3000	D4 - Green	78		30.8	32.8	8.8	9.0
139	1247.8	78	9.0	30	Dark Brown	R3000	D4 - Green	72		31.0	32.9	8.9	9.0
140	1256.8	79	9.0	29	Blue/Dark Brown	R3000	D4 - Green	66		31.2	32.9	8.9	8.4
141	1260.6				B.P.								
	1261.2				Tower Number : 7	Span Length (ft) : 179.8							
142	1265.6	80	8.8	30	Dark Brown	R3000	D4 - Green	66		31.2	32.9	9.0	9.0
143	1274.8	81	9.2	30	Dark Brown	R3000	D4 - Green	72		31.1	32.9	9.2	9.0
144	1278.4				Plug								
145	1283.7	82	8.9	31	Dk Brown/Orange	R3000	D4 - Green	72		30.9	32.7	9.2	9.5
146	1292.9	83	9.2	32	Orange	R3000	D4 - Green	78		30.7	32.3	10.4	10.1
					Sprinkler : Senninger Spray								
147	1296.5	84		16	Orange	Directional				30.4	30.4	10.3	9.9
	1297.5				Overhang	Span Length (ft) : 36.2							
					Sprinkler : Nelson Endgun								
148	1297.5	85		0.7		SR75				30.4	58.9	105.9	109.5

WATER RESOURCES RECEIVED

JAN 10 2018

KS DEPT OF AGRICULTURE

Parent Order No

Dealer **Inman Irrigation, Inc.**

Sprinkler Order No **REGIER, JARIS**

Customer **JARIS REGIER**

Field Name

Valley Standard Pivot 8000 Machine Sprinkler Chart

49965
50667

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)
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Endgun Arc Settings: Forward Angle: **45** Reverse Angle: **80**

800.1

WATER RESOURCES
RECEIVED

JAN 10 2018

KS DEPT OF AGRICULTURE

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



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

January 11, 2018

JARIS A REGIER
7802 E 95TH AVE
BUHLER KS 67522

RE: Application
File No. 49965

Dear Sir or Madam:

Your application for permit to appropriate water in 13-23S-5W in Reno County, was received and has been assigned the file number noted above.

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

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

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

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

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

If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

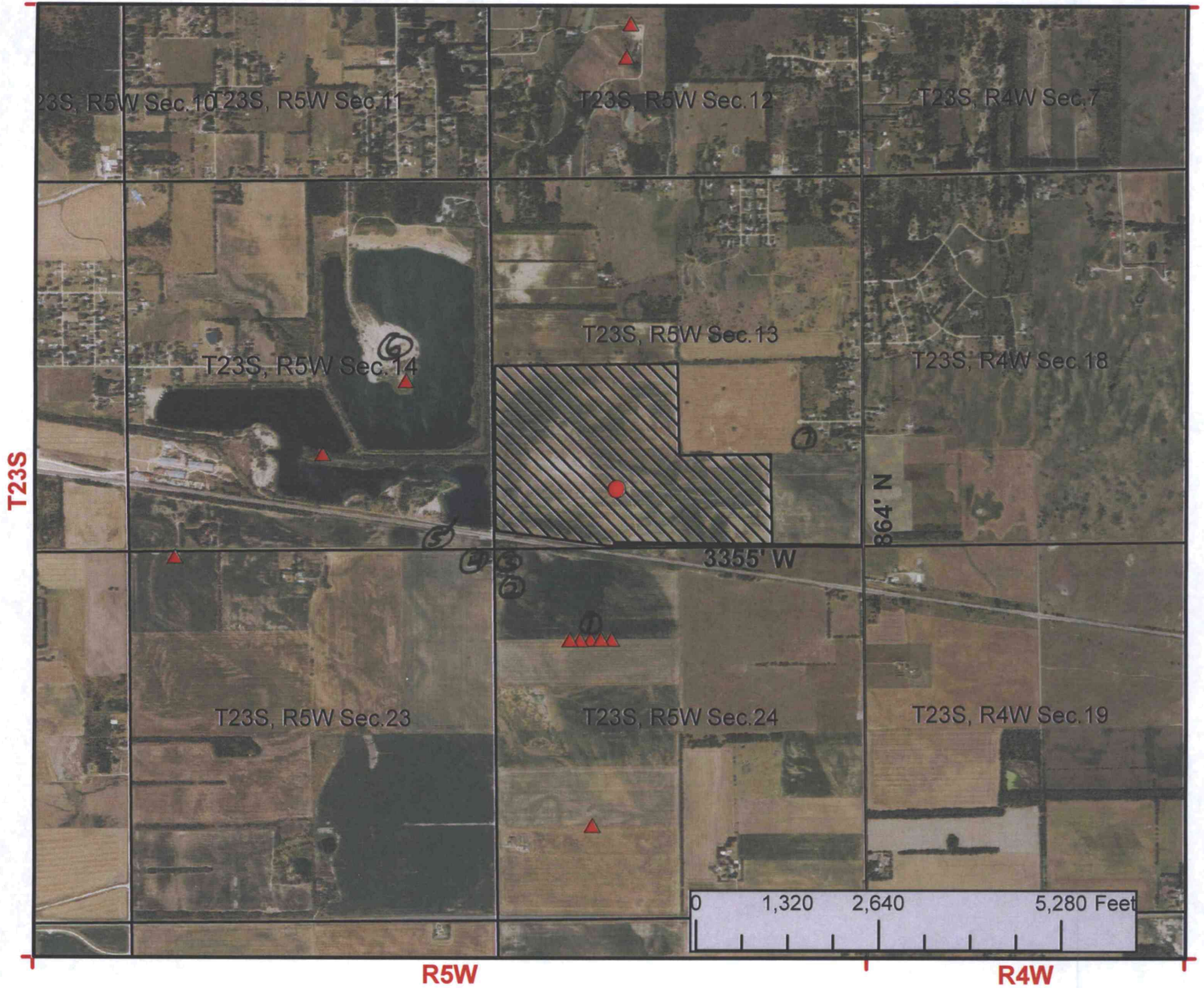
Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD 2

New Application Map

49965



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.

Jan A Regis
Signature

October 21st 2017
Date



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

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

WATER RESOURCES RECEIVED

See attached list for surrounding well owners

JAN 10 2018