

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



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,843
This item to be completed by the Division of Water Resources.

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**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.)

MAY 22 2017
1:47
KS DEPT OF AGRICULTURE

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): John Baldwin Family Trust # 1
Address: One North Main
City: Hutchinson State KS Zip Code 67504
Telephone Number: (620) 694-2263

2. The source of water is: surface water in _____ (stream)
OR 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 186.2 (93.8Add) acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 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. 1 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G S County LT By ADW Date 5/22/17
Code 1403 Fee \$ 500 TR # _____ Receipt Date 5/22/17 Check # 120819

5/25/2017 WM

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 NE quarter of the NW quarter of Section 17, more particularly described as being near a point 5155 feet North and 3531 feet West of the Southeast corner of said section, in Township 20 South, Range 10 West, Rice (Geo-Center) County, Kansas.
- (B) One in the NW quarter of the NE quarter of the NW quarter of Section 17, more particularly described as being near a point 5236 feet North and 3515 feet West of the Southeast corner of said section, in Township 20 South, Range 10 West, Rice (Bat 1 of 4) County, Kansas.
- (C) One in the NW quarter of the NE quarter of the NW quarter of Section 17, more particularly described as being near a point 5214 feet North and 3736 feet West of the Southeast corner of said section, in Township 20 South, Range 10 West, Rice (Bat 2 of 4) County, Kansas.
- (D) One in the NW quarter of the NE quarter of the NW quarter of Section 17, more particularly described as being near a point 5236 feet North and 3340 feet West of the Southeast corner of said section, in Township 20 South, Range 10 West, Rice (Bat 3 of 4) County, Kansas.
- (E) One in the NW quarter of the NE quarter of the NW quarter of Section 17, more particularly described as being near a point 4934 feet North and 3535 feet West of the Southeast corner of said section, in Township 20 South, Range 10 West, Rice (Bat 4 of 4) 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):

John Baldwin Family Trust # 1
(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 May 10, 2017.


Applicant's Signature

Robby Gray
Farm Manager

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 Battery of 4 wells and pumps
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) Existing Battery
(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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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.

Overlaps PD & PU with File No. 46878, which has a pending PU change to form a complete PU overlap
with the new application.

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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	<u>See</u>	<u>Attached</u>	_____	_____
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

GWAPC
(owner, tenant, agent or otherwise)

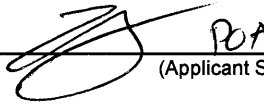
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

John Baldwin Family Trust # 1
(name, address and telephone number)

Hutchinson, KS 67504 620-694-2263
(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 _____, Kansas, this _____ day of _____, (month) (year)


 Robby Gray
 Farm Manager
 First National Bank of Hutchinson
 (Applicant Signature)

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 MAY 22 2017
 KS DEPT OF AGRICULTURE

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 49,843

Name of Applicant (Please Print): John Baldwin Family Trust #1

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: John Baldwin Family Trust #1

ADDRESS: one North Main, Hutchinson, KS 67504

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
17	20S	10W		2	2		35	29	29	36									133

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
Prairie Loamy Fine Sand	31.6		
Corwile Fine Sand loam	22		
Atter fine Sand loam	19.4		
Prairie Corwile Complex	8.2		
Lancaster loam	6.8		
Total:	100 %		

b. Estimate the average land slope in the field(s): 3 %

Estimate the maximum land slope in the field(s): 5 %

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

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

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: 25 psi
- (2) What is the sprinkler package design rate? 400 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? _____ 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 - Rye - Corn - Wheat - Soybeans

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).

Soil probe to determine available water per soil depth vs. crop needs. Use crop stage to calculate water needs based on evapotranspiration rates.

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

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400


49843

Parent Order No
Sprinkler Order No RINGWALD, MIKE #4 WITH HI PROFILE

Dealer Inman Irrigation, Inc.
Customer R-5 OPERATIONS, LP
Field Name RINGWALD, MIKE #4 NW 1/4 SECTION 17

Renozled to 400 gpm

Valley Standard Pivot 8000 Machine Setup Sprinkler Chart

Spk No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Len (in)	Regulator
1	5.4		Gauge					
2	14.4		Plug					
Sprinkler : Senninger Xi-Wob								
								
3	23.4	1	7	Lime	Xi-Wob - UP3	610 Blue	66	PSR 10A
4	32.4		Plug					
5	41.4	2	7	Lime	Xi-Wob - UP3	610 Blue	78	PSR 10A
6	50.4		Plug					
7	59.4	3	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
8	68.4		Plug					
9	77.4	4	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
10	86.4		Plug					
11	95.3	5	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
12	104.3		Plug					
13	113.3	6	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
14	122.3		Plug					
15	131.3	7	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
16	140.2		Plug					
17	149.2	8	7	Lime	Xi-Wob - UP3	610 Blue	78	PSR 10A
18	158.2		Plug					
19	167.2	9	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	66	PSR 10A
20	176.2		Plug					
180.9 Tower Number : 1 Span Length (ft): 179.9 Hose Class: DTV 0.								
21	185.5	10	7	Lime	Xi-Wob - UP3	610 Blue	60	PSR 10A
22	194.5	11	7	Lime	Xi-Wob - UP3	610 Blue	66	PSR 10A
23	203.5	12	7	Lime	Xi-Wob - UP3	610 Blue	72	PSR 10A
24	212.5	13	7	Lime	Xi-Wob - UP3	610 Blue	78	PSR 10A
25	221.5	14	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
26	230.5	15	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
27	239.5	16	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
28	248.5	17	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
29	257.5	18	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
30	266.5	19	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
31	275.4	20	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
32	284.4	21	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
33	293.4	22	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
34	302.4	23	7	Lime	Xi-Wob - UP3	610 Blue	90	PSR 10A
35	311.4	24	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
36	320.3	25	7	Lime	Xi-Wob - UP3	610 Blue	84	PSR 10A
37	329.3	26	7	Lime	Xi-Wob - UP3	610 Blue	78	PSR 10A

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Parent Order No:
 Sprinkler Order No: RINGWALD, MIKE #4 WITH III PROFILE

Dealer: Inman Irrigation, Inc.
 Customer: R-5 OPERATIONS, LP
 Field Name: RINGWALD, MIKE #4 NW 1/4 SECTION 17

Valley Standard Pivot 8000 Machine Setup Sprinkler Chart

Spk No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Len (in)	Regulator
38	338.3	27	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	72	PSR 10A
39	347.3	28	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	66	PSR 10A
40	356.3	29	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	60	PSR 10A
361.0 Tower Number : 2 Span Length (ft): 180.1					Hose Slings: Qty 0.			
41	365.6	30	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	60	PSR 10A
42	374.6	31	7.5	Lime Notched	Xi-Wob - UP3	610 Blue	66	PSR 10A
43	383.6	32	8	Lavender	Xi-Wob - UP3	610 Blue	72	PSR 10A
44	392.6	33	8	Lavender	Xi-Wob - UP3	610 Blue	78	PSR 10A
45	401.6	34	8	Lavender	Xi-Wob - UP3	610 Blue	84	PSR 10A
46	410.6	35	8	Lavender	Xi-Wob - UP3	610 Blue	84	PSR 10A
47	419.6	36	8	Lavender	Xi-Wob - UP3	610 Blue	90	PSR 10A
48	428.6	37	8	Lavender	Xi-Wob - UP3	610 Blue	90	PSR 10A
49	437.6	38	8	Lavender	Xi-Wob - UP3	610 Blue	90	PSR 10A
50	446.6	39	8.5	Lavender Notched	Xi-Wob - UP3	610 Blue	90	PSR 10A
51	455.6	40	8.5	Lavender Notched	Xi-Wob - UP3	610 Blue	90	PSR 10A
52	464.6	41	8.5	Lavender Notched	Xi-Wob - UP3	610 Blue	90	PSR 10A
53	473.6	42	8.5	Lavender Notched	Xi-Wob - UP3	610 Blue	90	PSR 10A
54	482.6	43	9	Grey	Xi-Wob - UP3	610 Blue	90	PSR 10A
55	491.6	44	8.5	Lavender Notched	Xi-Wob - UP3	610 Blue	84	PSR 10A
56	500.6	45	9	Grey	Xi-Wob - UP3	610 Blue	84	PSR 10A
57	509.6	46	9	Grey	Xi-Wob - UP3	610 Blue	78	PSR 10A
58	518.6	47	9	Grey	Xi-Wob - UP3	610 Blue	72	PSR 10A
59	527.6	48	9	Grey	Xi-Wob - UP3	610 Blue	66	PSR 10A
60	536.6	49	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	60	PSR 10A
541.1 Tower Number : 3 Span Length (ft): 180.1					Hose Slings: Qty 0.			
61	545.7	50	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	60	PSR 10A
62	554.7	51	9	Grey	Xi-Wob - UP3	610 Blue	66	PSR 10A
63	563.7	52	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	72	PSR 10A
64	572.7	53	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	78	PSR 10A
65	581.7	54	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	84	PSR 10A
66	590.7	55	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	84	PSR 10A
67	599.7	56	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
68	608.7	57	9.5	Grey Notched	Xi-Wob - UP3	610 Blue	90	PSR 10A
69	617.7	58	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
70	626.7	59	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
71	635.6	60	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
72	644.6	61	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
73	653.6	62	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
74	662.6	63	10	Turquoise	Xi-Wob - UP3	615 Black	90	PSR 10A
75	671.6	64	10.5	Turq Notched	Xi-Wob - UP3	615 Black	84	PSR 10A
76	680.6	65	10.5	Turq Notched	Xi-Wob - UP3	615 Black	84	PSR 10A

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Parent Order No
 Sprinkler Order No RINGWALD, MIKE #4 WITH HI PROFILE

Dealer Inman Irrigation, Inc.
 Customer R-5 OPERATIONS, L.P
 Field Name RINGWALD, MIKE #4 SW 1/4 SECTION 17

Valley Standard Pivot 8000 Machine Setup Sprinkler Chart

Spk No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Insp Len (in)	Regulator
77	689.5	66	10.5	Turq Notched	Xi-Wob - UP3	615 Black	78	PSR 10A
78	698.5	67	10.5	Turq Notched	Xi-Wob - UP3	615 Black	72	PSR 10A
79	707.5	68	10.5	Turq Notched	Xi-Wob - UP3	615 Black	66	PSR 10A
80	716.5	69	10.5	Turq Notched	Xi-Wob - UP3	615 Black	60	PSR 10A
721.2 Tower Number : 4 Span Length (ft): 180.1 Hose Slings: Qty 0.								
81	725.8	70	11	Yellow	Xi-Wob - UP3	615 Black	60	PSR 10A
82	734.8	71	10.5	Turq Notched	Xi-Wob - UP3	615 Black	66	PSR 10A
83	743.8	72	11	Yellow	Xi-Wob - UP3	615 Black	72	PSR 10A
84	752.8	73	11	Yellow	Xi-Wob - UP3	615 Black	78	PSR 10A
85	761.8	74	11	Yellow	Xi-Wob - UP3	615 Black	84	PSR 10A
86	770.8	75	11	Yellow	Xi-Wob - UP3	615 Black	84	PSR 10A
87	779.8	76	11	Yellow	Xi-Wob - UP3	615 Black	90	PSR 10A
88	788.8	77	11	Yellow	Xi-Wob - UP3	615 Black	90	PSR 10A
89	797.8	78	11	Yellow	Xi-Wob - UP3	615 Black	90	PSR 10A
90	806.8	79	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	90	PSR 10A
91	815.7	80	11	Yellow	Xi-Wob - UP3	615 Black	90	PSR 10A
92	824.7	81	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	90	PSR 10A
93	833.7	82	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	90	PSR 10A
94	842.7	83	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	90	PSR 10A
95	851.7	84	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	84	PSR 10A
96	860.6	85	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	84	PSR 10A
97	869.6	86	11.5	Yellow Notched	Xi-Wob - UP3	615 Black	78	PSR 10A
98	878.6	87	12	Red	Xi-Wob - UP3	615 Black	72	PSR 10A
99	887.6	88	12	Red	Xi-Wob - UP3	615 Black	66	PSR 10A
100	896.6	89	12	Red	Xi-Wob - UP3	615 Black	60	PSR 10A
901.3 Tower Number : 5 Span Length (ft): 180.1 Hose Slings: Qty 0.								
101	906.0	90	12	Red	Xi-Wob - UP3	615 Black	60	PSR 10A
102	915.0	91	12	Red	Xi-Wob - UP3	615 Black	72	PSR 10A
103	924.0	92	12	Red	Xi-Wob - UP3	615 Black	78	PSR 10A
104	933.0	93	12	Red	Xi-Wob - UP3	615 Black	84	PSR 10A
105	942.0	94	12	Red	Xi-Wob - UP3	615 Black	90	PSR 10A
106	951.0	95	12.5	Red Notched	Xi-Wob - UP3	615 Black	96	PSR 10A
107	960.0	96	12.5	Red Notched	Xi-Wob - UP3	615 Black	102	PSR 10A
108	969.0	97	12	Red	Xi-Wob - UP3	615 Black	108	PSR 10A
109	978.0	98	12.5	Red Notched	Xi-Wob - UP3	615 Black	108	PSR 10A
110	987.0	99	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
111	995.8	100	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
112	1004.8	101	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
113	1013.8	102	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
114	1022.8	103	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
115	1031.8	104	13	White	Xi-Wob - UP3	615 Black	114	PSR 10A

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Parent Order No
 Sprinkler Order No RINGWALD, MIKE #4 WITH III PROFILE

Dealer Inman Irrigation, Inc.
 Customer R-5 OPERATIONS, LP
 Field Name RINGWALD, MIKE #4 NW 1/4 SECTION 17

Valley Standard Pivot 8000 Machine Setup Sprinkler Chart

Spk No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Len (in)	Regulator
116	1040.7	105	13	White	Xi-Wob - UP3	615 Black	114	PSR 10A
117	1049.7	106	12.5	Red Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
118	1058.7	107	13	White	Xi-Wob - UP3	615 Black	108	PSR 10A
119	1067.7	108	13	White	Xi-Wob - UP3	615 Black	108	PSR 10A
120	1076.7	109	13	White	Xi-Wob - UP3	615 Black	102	PSR 10A
1081.4 Tower Number : 6 Span Length (ft): 180.1					Hose Slings: Qty 0.			
121	1086.1	110	13	White	Xi-Wob - UP3	615 Black	102	PSR 10A
122	1095.1	111	13	White	Xi-Wob - UP3	615 Black	108	PSR 10A
123	1104.1	112	13.5	White Notched	Xi-Wob - UP3	615 Black	114	PSR 10A
124	1113.1	113	13	White	Xi-Wob - UP3	615 Black	120	PSR 10A
125	1122.1	114	13.5	White Notched	Xi-Wob - UP3	615 Black	126	PSR 10A
126	1131.1	115	13.5	White Notched	Xi-Wob - UP3	615 Black	126	PSR 10A
127	1140.1	116	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
128	1149.1	117	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
129	1158.1	118	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
130	1167.1	119	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
131	1176.0	120	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
132	1185.0	121	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
133	1194.0	122	13.5	White Notched	Xi-Wob - UP3	615 Black	132	PSR 10A
134	1203.0	123	14	Blue	Xi-Wob - UP3	615 Black	132	PSR 10A
135	1212.0	124	13.5	White Notched	Xi-Wob - UP3	615 Black	126	PSR 10A
136	1220.8	125	14	Blue	Xi-Wob - UP3	615 Black	126	PSR 10A
137	1229.8	126	14	Blue	Xi-Wob - UP3	615 Black	120	PSR 10A
138	1238.8	127	14	Blue	Xi-Wob - UP3	615 Black	114	PSR 10A
139	1247.8	128	14	Blue	Xi-Wob - UP3	615 Black	108	PSR 10A
140	1256.8	129	14	Blue	Xi-Wob - UP3	615 Black	102	PSR 10A
141	1260.6	B.P.						
1261.2 Tower Number : 7 Span Length (ft): 179.6					Hose Slings: Qty 0.			
142	1265.8	130	14	Blue	Xi-Wob - UP3	615 Black	102	PSR 10A
143	1275.0	131	14.5	Blue Notched	Xi-Wob - UP3	615 Black	108	PSR 10A
144	1284.1	132	15	Dark Brown	Xi-Wob - UP3	615 Black	108	PSR 10A
Sprinkler : Senninger Spray								
145	1287.7	133	14	Blue	Directional			
1288.7 Overhang Span Length (ft): 27.4					Hose Slings: Qty 0.			
Sprinkler : Nelson Endgun								
146	1288.7	134	0.45		SR75			
					Hose Slings: Qty 0.			

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

WATER RESOURCES RECEIVED

MAY 22 2017

KS DEPT OF AGRICULTURE

49843

Report Date: 10/1/17

Dealer: Inman Irrigation, Inc.
 Customer: R-5 OPERATIONS, LP
 Field Name: RINGWALD, MIKE #4 NW 1/4 SECTION 17

Sprinkler Model: RINGWALD, MIKE #4 WITH HI PROFILE

Valley Standard Pivot 8000 Percent Timer Data

Setup Information - Valley Computer Control Panel Water Application Constants: Minimum Application = 0.093(in) Hours Per Revolution = 14.0

Based on Inches			Based on % Timer		
Inches Per 360 Degrees	Pivot Timer	Hours Per 360 Degrees	Pivot Timer	Inches Per 360 Degrees	Hours Per 360 Degrees
0.093	100.0	14.0	100.0	0.093	14.0
0.10	93.2	15.0	90.0	0.10	15.6
0.20	46.6	30.0	80.0	0.12	17.5
0.30	31.1	45.0	70.0	0.13	20.0
0.40	23.3	60.1	60.0	0.16	23.3
0.50	18.6	75.3	50.0	0.19	28.0
0.60	15.5	90.3	45.0	0.21	31.1
0.70	13.3	105.3	40.0	0.23	35.0
0.80	11.6	120.7	35.0	0.27	40.0
0.90	10.4	134.6	30.0	0.31	46.7
1.00	9.3	150.5	25.0	0.37	56.0
1.25	7.5	186.7	20.0	0.47	70.0
1.50	6.2	225.8	17.5	0.53	80.0
1.75	5.3	264.2	15.0	0.62	93.3
			12.5	0.75	112.0
			10.0	0.93	140.0
			7.5	1.24	186.7
			5.0	1.86	280.0

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 KS DEPT OF AGRICULTURE

Field Area	Flow	Pressure	LRDU Drive Train
132.8 Acres Total	400 (GPM)	25 PSI Pivot Pressure	34 RPM Center Drive @ 60 Hz freq.
119.8 (Ac) Pivot 360	3.01 (GPM per Acre)	Inlet Pressure	11.2 x 38 Tire
13.1 EG on 100*	0.16 (in per Day) App Rate	15.0 (ft) Highest Elevation	52:1 Wheel GB Ratio, LRDU Dist 1261.2 Ft.
1288.7 (ft) Machine Length	0.093 (in) App Depth @ 100*	15.0 (ft) Lowest Elevation	14.0 Hrs/360 @ 100* = 9.45 (Ft/Min)
68.4 (ft) End Gun Radius	39.8 (GPM) End Gun		

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, and gun air 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.

(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. 49843

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]
Signature of Applicant

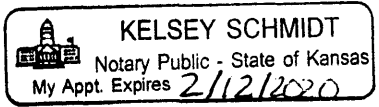
State of Kansas)
County of rice) ss

(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 10 day of May, 2017.

[Signature]
Notary Public

My Commission Expires: 2/12/2020



WATER RESOURCES
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MAY 22 2017

49843

**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

WATER RESOURCES
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MAY 22 2017

KS DEPT OF AGRICULTURE

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

WATER RESOURCES
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May 3, 2017

MAY 22 2017

JOHN BALDWIN FAMILY TRUST 1
ONE NORTH MAIN
HUTCHINSON KS 67504

KS DEPT OF AGRICULTURE

Re: Unacceptable Application

Dear Sir or Madam:

Returned herewith is your Application for Permit to Appropriate Water for Beneficial Use and Application for Approval to Change the Place of Use, the Point of Diversion or the Use Made of Water Under and Existing Water Right received by the Division of Water Resources on May 3, 2017. These applications are not acceptable for filing in their present form.

The required fee as stated on the enclosed fee schedule OR as stated on the bottom of the signature page of the application was not included. Therefore, we find it necessary to return the applications to you. Upon submitting the applications to this office with the required fee, they will be further examined and processed. Based on the information received, \$500 is needed for the filing fee, \$300 for the New Application and \$200 for the Change Application.

In order to be acceptable for filing, change applications shall be signed by at least one owner of the water right, or a duly authorized agent of an owner. Prior to approval, change applications shall be signed by all of the water right owners, including their spouses, or a duly authorized agent of the owners of the right. If the property is held by a different party, please provide documentation in the form of a copy of the recorded deed. Please be reminded that **all signatures must be notarized, and photocopies or fax signatures are not acceptable.**

Upon return of the acceptable application with required original signatures and information, it will be assigned a priority based upon the date and time it is received in the office of the Chief Engineer. If you have any questions, please contact me at (785) 564-6631 or alex.whitesell@ks.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Whitesell".

Alex Whitesell
Environmental Scientist
Water Appropriation Program

enclosure



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

May 22, 2017

JOHN BALDWIN FAMILY TRUST #1
ONE NORTH MAIN
HUTCHINSON KS 67504

FILE COPY

RE: Application
File No. 49843

Dear Sir or Madam:

Your application for permit to appropriate water in 17-20S-10W in Rice County, was received and has been assigned the file number noted above.

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

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

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

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

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

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

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program


BAT: dlw
pc: STAFFORD Field Office
GMD



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.

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- Proposed PD
- Proposed Place Of Use
- Domestic Wells
- Water Rights
- SFFOsec_corners



Signature

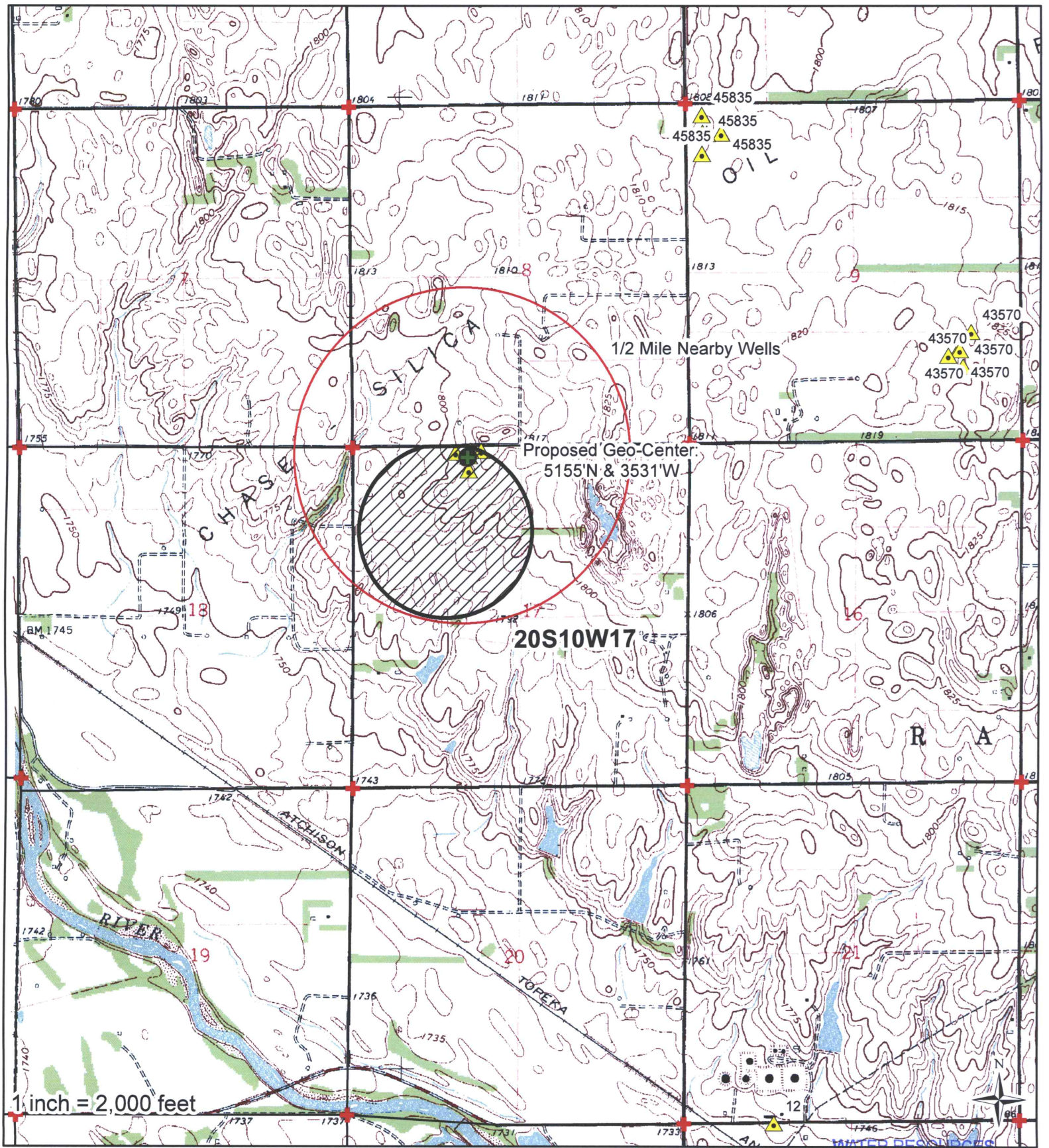
5-10-17

Date

0 400 800 1,600 2,400 3,200

Feet

KS DEPT OF AGRICULTURE
Created By: Matt Meier
F.O. 2
Date: 4/26/2017



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
- Proposed Place Of Use
- Domestic Wells
- Water Rights
- SFFOsec_corners

Signature [Handwritten Signature] Date 5-10-17



MAY 22 2017

Created By: Matt Meier
 F.O. 2
 Date: 4/26/2017

WATER RESOURCES