

# 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 50012  
This item to be completed by the Division of Water Resources.

Water Resources  
Received  
**MAR 15 2018**  
**11:59**  
KS Dept Of Agriculture

**APPLICATION FOR PERMIT TO  
APPROPRIATE WATER FOR BENEFICIAL USE**

Filing Fee Must Accompany the Application  
(Please refer to Fee Schedule attached to this application form.)

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

1. Name of Applicant (Please Print): John R. Hervey  
Address: 785 N. Webb Rd.  
City: Belle Plaine State KS Zip Code 67013  
Telephone Number: (620) 218-3293

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in Ninnescah basin (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 126 ~~126~~ acre-feet OR \_\_\_\_\_ gallons per calendar year, to be diverted at a maximum rate of 800 ~~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. <u>2</u> <u>GMD</u> <u>0</u> Meets K.A.R. 5-3-1 (YES/NO) Use <u>IRR</u> Source <u>S</u> County <u>SU</u> By <u>ADW</u> Date _____	
Code <u>RE2</u>	Fee \$ <u>300</u>	TR # _____	Receipt Date <u>3/15/18</u> Check # <u>3298</u>

DWR 1-100 (Revised 06/16/2014)

\* Per phone call w/ applicant 3/15/18 ADW

3/19/2018 CW

*Requesting 60 days to locate*

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 \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section 35, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township 31 South, Range 2 East West (circle one), Sumner 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):  
John Hervey 785 N. Webberd Belle Plaine, KS 67013  
(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 March 12, 2018. John R. Hervey  
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 4 wells  
(number of wells, pumps or dams, etc.)  
and (was)(will be) completed (by) 04-01-2018  
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be ASAP.

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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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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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>Request 60 days to locate</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 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):

\_\_\_\_\_  
(name, address and telephone number)

\_\_\_\_\_  
(name, address and telephone number)

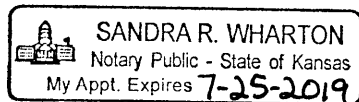
16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Belle Plaine, Kansas, this 12<sup>th</sup> day of March, 2018.  
(month) (year)

[Signature]  
(Applicant Signature)

By [Signature]  
(Agent or Officer Signature)

Sandra R. Wharton  
(Agent or Officer - Please Print)



Assisted by \_\_\_\_\_ Date: \_\_\_\_\_  
(office/title)

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## IRRIGATION USE SUPPLEMENTAL SHEET

File No. 50012

Name of Applicant (Please Print): John R. Hervey

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 R. Hervey  
 ADDRESS: 785 N. Webb Rd. Belle Plaine, KS 67013

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
35	31S	2E					31	39	24	3									97

**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
DR Dale, Reinach silt loam	10		
EA Grandaco silty loam	30		
BR Brewer silt loam	10		
Total:	100 %		

b. Estimate the average land slope in the field(s): 3.0 %

Estimate the maximum land slope in the field(s): 3.0 %

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: There will not be any tailwater.

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: 30 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? 100 feet
- (4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

corn, wheat, 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).

Crop agronomist

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

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Field Name

**Valley Standard Pivot 7000 Machine Sprinkler Chart**

21005

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			<b>Gauge</b>							34.0		
<b>Sprinkler : Senninger Iwob - Up3</b>													
													
2	14.4	1		6	Gold	I-Wob - UP3	Std Angle Black	101	PMR 15L	33.5	16.5	0.1	1.0
3	23.4	2	9.0	6	Gold	I-Wob - UP3	Std Angle Black	107	PMR 15L	33.1	16.5	0.2	1.0
4	32.4	3	9.0	6	Gold	I-Wob - UP3	Std Angle Black	111	PMR 15L	32.7	16.5	0.2	1.0
5	41.4	4	9.0	6	Gold	I-Wob - UP3	Std Angle Black	115	PMR 15L	32.3	16.5	0.3	1.0
6	49.9	5	8.5	6	Gold	I-Wob - UP3	Std Angle Black	118	PMR 15L	32.0	16.5	0.3	1.0
7	58.3	6	8.4	6	Gold	I-Wob - UP3	Std Angle Black	120	PMR 15L	31.7	16.5	0.4	1.0
8	66.8	7	8.4	6	Gold	I-Wob - UP3	Std Angle Black	121	PMR 15L	31.4	16.5	0.4	1.0
9	74.8	8	8.0	6	Gold	I-Wob - UP3	Std Angle Black	121	PMR 15L	31.2	16.5	0.5	1.0
10	83.2	9	8.4	6	Gold	I-Wob - UP3	Std Angle Black	121	PMR 15L	31.0	16.5	0.5	1.0
11	91.6	10	8.4	6	Gold	I-Wob - UP3	Std Angle Black	120	PMR 15L	30.8	16.5	0.6	1.0
12	100.1	11	8.5	6	Gold	I-Wob - UP3	Std Angle Black	118	PMR 15L	30.7	16.5	0.7	1.0
13	109.1	12	9.0	6	Gold	I-Wob - UP3	Std Angle Black	115	PMR 15L	30.5	16.5	0.7	1.0
14	118.1	13	9.0	6	Gold	I-Wob - UP3	Std Angle Black	112	PMR 15L	30.4	16.5	0.8	1.0
15	127.1	14	9.0	6	Gold	I-Wob - UP3	Std Angle Black	107	PMR 15L	30.4	16.5	0.9	1.0
16	136.1	15	9.0	6	Gold	I-Wob - UP3	Std Angle Black	102	PMR 15L	30.3	16.5	0.9	1.0
	140.8												
Tower Number : 1 Span Length(ft) : 139.7													
17	145.4	16	9.3	6	Gold	I-Wob - UP3	Std Angle Black	103	PMR 15L	30.0	16.5	1.0	1.0
18	154.4	17	9.0	6	Gold	I-Wob - UP3	Std Angle Black	110	PMR 15L	29.5	16.5	1.0	1.0
19	163.4	18	9.0	6	Gold	I-Wob - UP3	Std Angle Black	116	PMR 15L	29.1	16.5	1.1	1.0
20	172.4	19	9.0	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	122	PMR 15L	28.6	16.5	1.2	1.2
21	181.4	20	9.0	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L	28.2	16.5	1.2	1.2
22	190.4	21	9.0	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L	27.9	16.4	1.3	1.2
23	199.4	22	9.0	7	Lime	I-Wob - UP3	Std Angle Black	134	PMR 15L	27.5	16.4	1.3	1.4
24	208.4	23	9.0	7	Lime	I-Wob - UP3	Std Angle Black	136	PMR 15L	27.2	16.4	1.4	1.4
25	217.4	24	9.0	7	Lime	I-Wob - UP3	Std Angle Black	138	PMR 15L	26.9	16.4	1.5	1.4
26	226.4	25	9.0	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	139	PMR 15L	26.6	16.4	1.5	1.6
27	235.3	26	8.9	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	139	PMR 15L	26.4	16.4	1.6	1.6
28	244.3	27	9.0	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	138	PMR 15L	26.2	16.4	1.6	1.6

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Customer

Field Name

Valley Standard Pivot 7000 Machine Sprinkler Chart

91005

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	253.3	28	9.0	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	136	PMR 15L	26.0	16.4	1.7	1.6
30	262.3	29	9.0	8	Lavender	I-Wob - UP3	Std Angle Black	134	PMR 15L	25.9	16.4	1.8	1.9
31	271.3	30	9.0	8	Lavender	I-Wob - UP3	Std Angle Black	131	PMR 15L	25.8	16.4	1.8	1.9
32	280.2	31	8.9	8	Lavender	I-Wob - UP3	Std Angle Black	127	PMR 15L	25.7	16.4	1.9	1.9
33	289.2	32	9.0	8	Lavender	I-Wob - UP3	Std Angle Black	122	PMR 15L	25.6	16.4	2.0	1.9
34	298.2	33	9.0	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	116	PMR 15L	25.6	16.4	2.0	2.1
35	307.2	34	9.0	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	110	PMR 15L	25.6	16.4	2.1	2.1
36	316.2	35	9.0	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	103	PMR 15L	25.6	16.4	2.2	2.1
320.9		Tower Number : 2		Span Length(ft) : 180,1									
37	325.5	36	9.3	9	Grey	I-Wob - UP3	Std Angle Black	103	PMR 15L	25.4	16.3	2.2	2.3
38	334.5	37	9.0	9	Grey	I-Wob - UP3	Std Angle Black	110	PMR 15L	24.9	16.3	2.3	2.3
39	343.5	38	9.0	9	Grey	I-Wob - UP3	Std Angle Black	116	PMR 15L	24.4	16.3	2.3	2.3
40	352.5	39	9.0	9	Grey	I-Wob - UP3	Std Angle Black	122	PMR 15L	24.0	16.3	2.4	2.3
41	361.5	40	9.0	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L	23.6	16.3	2.4	2.6
42	370.5	41	9.0	9	Grey	I-Wob - UP3	Std Angle Black	131	PMR 15L	23.2	16.3	2.5	2.3
43	379.5	42	9.0	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	134	PMR 15L	22.9	16.3	2.6	2.6
44	388.5	43	9.0	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	136	PMR 15L	22.6	16.3	2.6	2.6
45	397.5	44	9.0	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	138	PMR 15L	22.3	16.3	2.7	2.6
46	406.5	45	9.0	10	Turquoise	I-Wob - UP3	Std Angle Black	139	PMR 15L	22.1	16.3	2.7	2.9
47	415.4	46	8.9	10	Turquoise	I-Wob - UP3	Std Angle Black	139	PMR 15L	21.8	16.3	2.8	2.9
48	424.4	47	9.0	10	Turquoise	I-Wob - UP3	Std Angle Black	138	PMR 15L	21.6	16.3	2.9	2.9
49	433.4	48	9.0	10	Turquoise	I-Wob - UP3	Std Angle Black	136	PMR 15L	21.5	16.2	2.9	2.9
50	442.4	49	9.0	10	Turquoise	I-Wob - UP3	Std Angle Black	134	PMR 15L	21.3	16.2	3.0	2.9
51	451.3	50	9.0	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L	21.2	16.2	3.0	3.1
52	460.3	51	8.9	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L	21.2	16.2	3.1	3.1
53	469.3	52	9.0	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	122	PMR 15L	21.1	16.2	3.2	3.1
54	478.3	53	9.0	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	116	PMR 15L	21.1	16.2	3.2	3.1
55	487.3	54	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	110	PMR 15L	21.1	16.2	3.3	3.5
56	496.3	55	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	103	PMR 15L	21.2	16.2	3.4	3.5
501.0		Tower Number : 3		Span Length(ft) : 180,1									
57	505.6	56	9.3	11	Yellow	I-Wob - UP3	Std Angle Black	103	PMR 15L	21.0	16.2	3.5	3.5
58	514.6	57	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	110	PMR 15L	20.7	16.2	3.5	3.5
59	523.6	58	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	116	PMR 15L	20.4	16.1	3.5	3.5

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Customer

Field Name

**Valley Standard Pivot 7000 Machine Sprinkler Chart**

P1025

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)
60	532.6	59	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	121	PMR 15M	20.1	17.0	3.6	3.5
61	541.6	60	9.0	11	Yellow	I-Wob - UP3	Std Angle Black	126	PMR 15M	19.9	17.0	3.7	3.5
62	550.6	61	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M	19.7	17.0	3.7	3.9
63	559.6	62	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	133	PMR 15M	19.5	17.0	3.8	3.9
64	568.6	63	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	136	PMR 15M	19.4	17.0	3.8	3.9
65	577.6	64	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	137	PMR 15M	19.3	17.0	3.9	3.9
66	586.6	65	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	138	PMR 15M	19.2	17.0	3.9	3.9
67	595.5	66	8.9	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	138	PMR 15M	19.1	17.0	4.0	3.9
68	604.5	67	9.0	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	137	PMR 15M	19.1	17.0	4.1	3.9
69	613.5	68	9.0	12	Red	I-Wob - UP3	Std Angle Black	136	PMR 15M	19.1	17.0	4.1	4.2
70	622.5	69	9.0	12	Red	I-Wob - UP3	Std Angle Black	133	PMR 15M	19.1	17.0	4.2	4.2
71	631.5	70	9.0	12	Red	I-Wob - UP3	Std Angle Black	130	PMR 15M	19.2	17.0	4.2	4.2
72	640.4	71	8.9	12	Red	I-Wob - UP3	Std Angle Black	126	PMR 15M	19.3	16.9	4.3	4.2
73	649.4	72	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	121	PMR 15M	19.4	16.9	4.4	4.6
74	658.4	73	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	116	PMR 15M	19.6	16.9	4.4	4.6
75	667.4	74	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	109	PMR 15M	19.8	16.9	4.5	4.6
76	676.4	75	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	102	PMR 15M	20.0	16.9	4.6	4.6
681.1	Tower Number : 4 Span Length(ft) : 180.1												
77	685.7	76	9.3	12.5	Red Notched	I-Wob - UP3	Std Angle Black	102	PMR 15M	19.9	16.9	4.7	4.6
78	694.7	77	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	109	PMR 15M	19.6	16.9	4.7	4.6
79	703.7	78	9.0	13	White	I-Wob - UP3	Std Angle Black	116	PMR 15M	19.3	16.9	4.8	5.0
80	712.7	79	9.0	12.5	Red Notched	I-Wob - UP3	Std Angle Black	121	PMR 15M	19.1	16.9	4.8	4.6
81	721.7	80	9.0	13	White	I-Wob - UP3	Std Angle Black	126	PMR 15M	18.9	16.9	4.9	5.0
82	730.7	81	9.0	13	White	I-Wob - UP3	Std Angle Black	130	PMR 15M	18.7	16.9	4.9	5.0
83	739.7	82	9.0	13	White	I-Wob - UP3	Std Angle Black	133	PMR 15M	18.5	16.9	5.0	5.0
84	748.7	83	9.0	13	White	I-Wob - UP3	Std Angle Black	136	PMR 15M	18.4	16.9	5.1	5.0
85	757.7	84	9.0	13.5	White Notched	I-Wob - UP3	Std Angle Black	137	PMR 15M	18.3	16.9	5.1	5.3
86	766.7	85	9.0	13	White	I-Wob - UP3	Std Angle Black	138	PMR 15M	18.2	16.9	5.1	5.0
87	775.6	86	8.9	13.5	White Notched	I-Wob - UP3	Std Angle Black	138	PMR 15M	18.2	16.8	5.2	5.3
88	784.6	87	9.0	13.5	White Notched	I-Wob - UP3	Std Angle Black	137	PMR 15M	18.2	16.8	5.3	5.3
89	793.6	88	9.0	13.5	White Notched	I-Wob - UP3	Std Angle Black	136	PMR 15M	18.2	16.8	5.4	5.3
90	802.6	89	9.0	13.5	White Notched	I-Wob - UP3	Std Angle Black	133	PMR 15M	18.3	16.8	5.4	5.3
91	811.6	90	9.0	13.5	White Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M	18.3	16.8	5.4	5.3

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Water Resources  
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Customer

Field Name

**Valley Standard Pivot 7000 Machine Sprinkler Chart**

21025

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	820.5	91	8.9	13.5	White Notched	I-Wob - UP3	Std Angle Black	126	PMR 15M	18.4	16.8	5.5	5.3
93	829.5	92	9.0	14	Blue	I-Wob - UP3	Std Angle Black	121	PMR 15M	18.6	16.8	5.6	5.7
94	838.5	93	9.0	14	Blue	I-Wob - UP3	Std Angle Black	116	PMR 15M	18.8	16.8	5.7	5.7
95	847.5	94	9.0	14	Blue	I-Wob - UP3	Std Angle Black	109	PMR 15M	18.9	16.8	5.7	5.7
96	856.5	95	9.0	14	Blue	I-Wob - UP3	Std Angle Black	102	PMR 15M	19.2	16.8	5.9	5.7
861.2		Tower Number : 5 Span Length(ft) : 180.1											
97	865.8	96	9.3	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	102	PMR 15M	19.1	16.8	5.9	6.2
98	874.8	97	9.0	14	Blue	I-Wob - UP3	Std Angle Black	109	PMR 15M	18.9	16.8	5.9	5.7
99	883.8	98	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	116	PMR 15M	18.6	16.8	6.0	6.2
100	892.8	99	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	121	PMR 15M	18.4	16.8	6.0	6.2
101	901.8	100	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	126	PMR 15M	18.2	16.8	6.1	6.2
102	910.8	101	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M	18.0	16.8	6.2	6.2
103	919.8	102	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	133	PMR 15M	17.9	16.8	6.2	6.2
104	928.8	103	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	136	PMR 15M	17.7	16.7	6.3	6.2
105	937.8	104	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	137	PMR 15M	17.7	16.7	6.3	6.2
106	946.8	105	9.0	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	138	PMR 15M	17.6	16.7	6.4	6.2
107	955.7	106	8.9	15	Dark Brown	I-Wob - UP3	Std Angle Black	138	PMR 15M	17.6	16.7	6.4	6.6
108	964.7	107	9.0	15	Dark Brown	I-Wob - UP3	Std Angle Black	137	PMR 15M	17.6	16.7	6.5	6.6
109	973.7	108	9.0	15	Dark Brown	I-Wob - UP3	Std Angle Black	136	PMR 15M	17.6	16.7	6.6	6.6
110	982.7	109	9.0	15	Dark Brown	I-Wob - UP3	Std Angle Black	133	PMR 15M	17.7	16.7	6.6	6.6
111	991.7	110	9.0	15	Dark Brown	I-Wob - UP3	Std Angle Black	130	PMR 15M	17.8	16.7	6.7	6.6
112	1000.6	111	8.9	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	126	PMR 15M	17.9	16.7	6.7	7.0
113	1009.6	112	9.0	15	Dark Brown	I-Wob - UP3	Std Angle Black	121	PMR 15M	18.1	16.7	6.8	6.6
114	1018.6	113	9.0	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	116	PMR 15M	18.2	16.6	6.9	7.0
115	1027.6	114	9.0	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	109	PMR 15M	18.5	16.6	6.9	7.0
116	1036.6	115	9.0	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	102	PMR 15M	18.7	16.6	7.1	7.0
1044.3		Tower Number : 6 Span Length(ft) : 180.1											
117	1045.9	116	9.3	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	102	PMR 15M	18.7	16.6	7.2	7.0
118	1054.9	117	9.0	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	107	PMR 15M	18.5	16.6	7.1	7.0
119	1063.9	118	9.0	16	Orange	I-Wob - UP3	Std Angle Black	112	PMR 15M	18.3	16.6	7.2	7.4
120	1072.9	119	9.0	16	Orange	I-Wob - UP3	Std Angle Black	117	PMR 15M	18.1	16.6	7.2	7.4
121	1081.9	120	9.0	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	120	PMR 15M	18.0	16.6	7.1	7.0
122	1090.4	121	8.5	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	123	PMR 15M	17.9	16.6	6.9	7.0

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Customer

Field Name

**Valley Standard Pivot 7000 Machine Sprinkler Chart**

01005

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	1098.8	122	8.4	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	125	PMR 15M	17.8	16.6	6.9	7.0
124	1107.3	123	8.4	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	126	PMR 15M	17.7	16.6	7.0	7.0
125	1115.8	124	8.5	15.5	Dark Brn Notched	I-Wob - UP3	Std Angle Black	127	PMR 15M	17.7	16.6	7.3	7.0
126	1124.8	125	9.0	16	Orange	I-Wob - UP3	Std Angle Black	127	PMR 15M	17.7	16.5	7.6	7.4
127	1133.8	126	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	127	PMR 15M	17.7	16.5	7.7	7.9
128	1142.8	127	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	125	PMR 15M	17.7	16.5	7.7	7.9
129	1151.8	128	9.0	16	Orange	I-Wob - UP3	Std Angle Black	123	PMR 15M	17.8	16.5	7.7	7.4
130	1160.7	129	8.9	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	120	PMR 15M	17.9	16.5	7.8	7.9
131	1169.7	130	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	117	PMR 15M	18.0	16.5	7.9	7.9
132	1178.7	131	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	112	PMR 15M	18.2	16.5	8.0	7.9
133	1187.7	132	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	107	PMR 15M	18.3	16.5	8.0	7.9
134	1196.7	133	9.0	16.5	Orange Notched	I-Wob - UP3	Std Angle Black	101	PMR 15M	18.6	16.5	8.1	7.9
135	1200.4				B.P.								

1201.1 Tower Number : 7 Span Length(ft) : 159.8

136	1205.6	134	9.0	17	Dark Green	I-Wob - UP3	Std Angle Black	100	PMR 15M	18.6	16.4	8.2	8.4
137	1214.8	135	9.1	17	Dark Green	I-Wob - UP3	Std Angle Black	105	PMR 15M	18.4	16.4	8.3	8.4
138	1223.9	136	9.2	17	Dark Green	I-Wob - UP3	Std Angle Black	109	PMR 15M	18.3	16.4	8.3	8.4
139	1227.5				Plug								
140	1232.9	137	8.9	17	Dark Green	I-Wob - UP3	Std Angle Black	114	PMR 15M	18.1	16.4	8.4	8.4
141	1242.0	138	9.2	18	Purple	I-Wob - UP3	Std Angle Black	118	PMR 15M	17.9	16.3	9.4	9.4

Sprinkler : Senninger Spray



142	1245.6	139		18	Purple	Directional				17.5	17.5	8.9	9.3
	1246.6				Overhang								

Sprinkler : Komet Endgun



3	1246.6			0.71		SR101				17.5	48.7	100.3	98.9
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Primary Endgun Arc Settings: Forward Angle: 45 Reverse Angle: 80

700.1

KS Dept Of Agriculture

MAR 15 2018

Water Resources Received

Parent Order No

Dealer SCK SEED AND IRR SERV L.L.C.

Sprinkler Order No Austin 2 Sprinkler

Customer

Field Name

**Valley Standard Pivot 7000 Machine Sprinkler Chart**

21095

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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Water Resources  
 Received  
 MAR 15 2018  
 KS Dept Of Agriculture

March 12<sup>th</sup> 2018  
(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. 50012

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.

Joe R Hervey  
Signature of Applicant

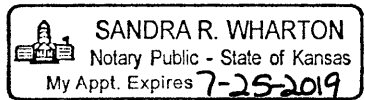
State of Kansas )  
County of Sumner ) ss

John R. Hervey  
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 12<sup>th</sup> day of March, 2018.

Sandra R Wharton  
Notary Public

My Commission Expires:



Water Resources  
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**MAR 15 2018**  
KS Dept Of Agriculture

**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  
Received

**MAR 15 2018**

KS Dept Of Agriculture

# STATE OF KANSAS

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



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

March 19, 2018

JOHN R HERVEY  
785 N WEBB RD  
BELLE PLAINE KS 67013

RE: Application  
File No. 50012

Dear Sir or Madam:

Your application for permit to appropriate water in 35-31S-2E in Sumner 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



50012

File No. \_\_\_\_\_

Requesting 60 days to locate Geo-Center in the NW 1/4 Sec 35 - T31S - R2E in Sumner County



Darren Irons  
 2001 Worthington Lane  
 Edmond, OK 73013

48651  
 48651 48651 48651  
 48651  
 48651

**31S02E35**

Proposed  
 Battery of wells

1 inch = 1,000 feet



- ProposedPD
- Proposed\_Pond
- Domestic Wells
- Water Rights
- SFFOsec\_corners

I declare that all water wells or diversion sites using the same source of supply and within 1/4 mile of the proposed point of diversion have been plotted on the application map.

Water Resources  
 Received

**MAR 15 2018**  
 Created By: Matt Meier  
 EO 2  
 Date: 03/13/2018

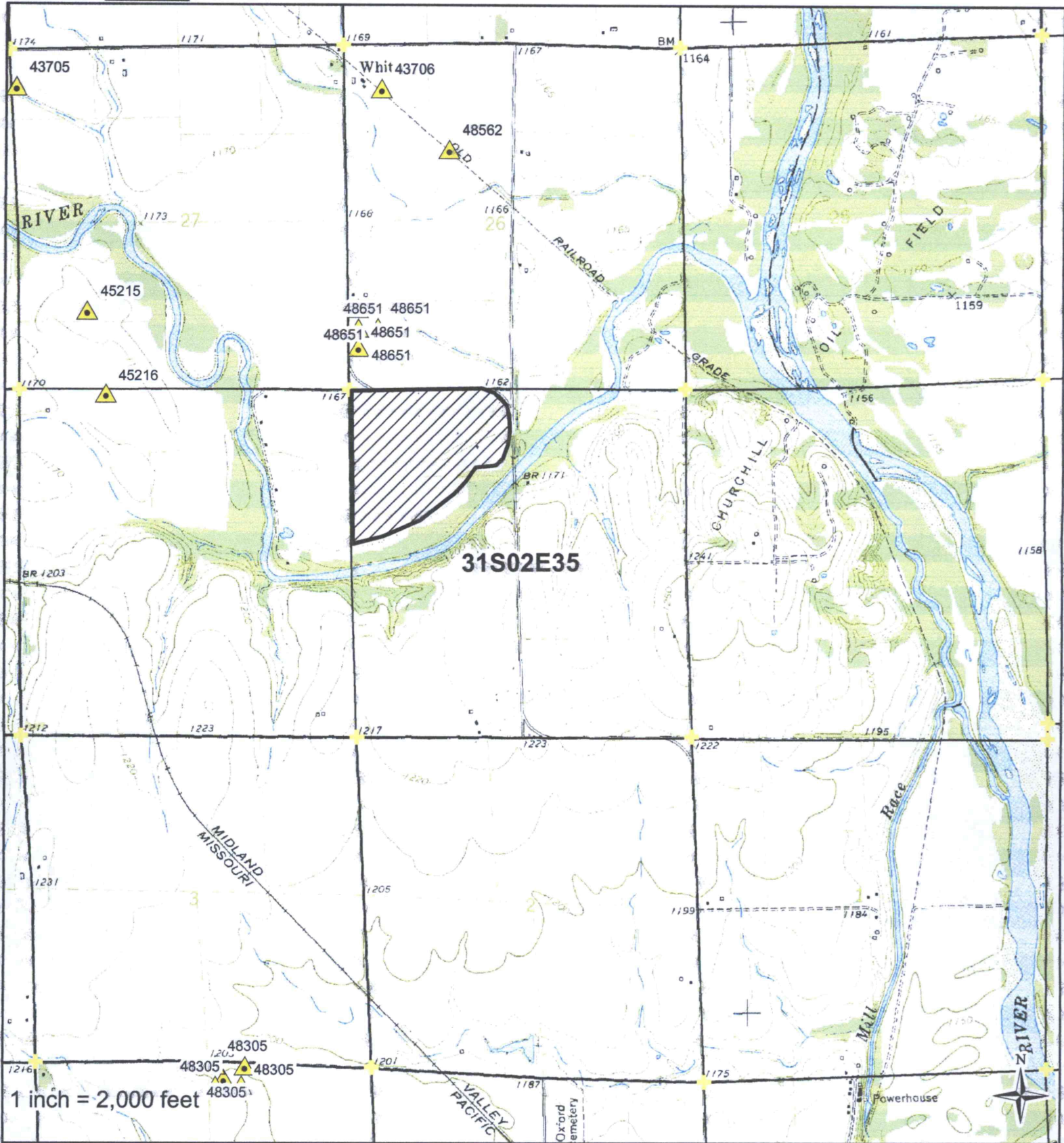
KS Dept of Agriculture

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 0 400 800 1,600 2,400 3,200 Feet

50012

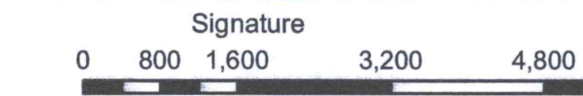
File No. \_\_\_\_\_

Requesting 60 days to locate Geo-Center in the NW 1/4 Sec 35 - T31S - R2E in Sumner County



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 \_\_\_\_\_ Date **MAR 15 2018** Created By: Matt Meier  
 F.O. 2 Date: 3/13/2018  
 KS Dept Of Agriculture

Water Resources Received